

Medical Product Quality Report – COVID-19 Issues

Issue 2. July 2020

The document has been produced by the Medicine Quality Research Group,
Centre of Tropical Medicine & Global Health, Nuffield Department of Medicine,
University of Oxford



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This document is open access but we would be grateful if you could cite it as: Medicine Quality Research Group, University of Oxford. Medical Product Quality Report – COVID-19 Issues. Issue 2, July 2020.

The work is kindly supported by the Bill&Melinda Gates Foundation, the University of Oxford and the Wellcome Trust.

August 2020

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1 Summary of findings

COVID-19 has affected almost every nation state. A parallel pandemic of substandard and falsified (SF) COVID-19 medicinal product is spreading across the globe for diagnostic tests, medicines, vaccines, ventilators and personal protective equipment including masks & respirators, sanitizers, gloves, gowns, etc. From January to July 2020¹, articles reported on SF problems in at least 50 different countries, in the English language lay press alone. Patients health is at risk in high, low and middle income countries due to problems at all levels of the supply chain.

From March onwards there is a clear rise in articles and alerts in the lay press on SF medical products linked to COVID-19. The month of July has had the lowest number of alerts since February. Compared to the previous months there is a substantial decrease in articles reporting on problems with COVID-19 diagnostics. Throughout the last months, the majority of the articles report on problems with personal protective equipment, with a peak in reports in June. In June attention was drawn to multiple problems with SF masks and respirators. Whereas in July the focus shifted more towards SF hand sanitizers containing methanol, especially in the United States.

In June the use of remdesivir was been discussed extensively in the media. The first SF report was found in July, genuine remdesivir was detected on the Indian black market linked to price gouging and problems with the follow up of good distribution practices. Mid-June evidence was been published on the beneficial effects of dexamethasone in critically ill COVID-19 patients. In July falsified dexamethasone was reported. Although efficacy is not proven yet in clinical trials, the first problems with SF immunomodulators were recorded in July. Careful monitoring and data sharing are needed – as more medicines and, hopefully vaccines, are shown to have efficacy and are approved for use we expect an increase in SF issues.

2 Introduction

During the COVID-19 pandemic, the demand for COVID-19 related medical supplies has inevitably ballooned with an increased demand for personal protective equipment (PPE), diagnostics and preventive & curative pharmaceuticals. The high demand and related shortages of genuine products contributes to an increased global risk of substandard and falsified (SF) medical products, for COVID-19 and for many other essential medicines. The media have been reporting diverse examples of SF products flooding the market.

This report aims to collate information and reports in the public domain on the quality of medicinal products that are currently in use, or that are being trialed for COVID-19's prevention or treatment. We also include reports on key subjects such as access, affordability or off label use for COVID-19 if

¹ This second issue of the monthly report 'Medical Product Quality Report – COVID-19 Issues' covers information published during the month of July. The first issue covered publications from January 1st to June 30th 2020 and is available on the IDDO website:

Medicine Quality Research Group, University of Oxford. **Medical Product Quality Report -COVID-19 Issues.** Issue 1, January to June 2020, viewed 13 August 2020, https://www.iddo.org/sites/default/files/publication/2020-08/Medical%20Product%20Quality%20Report%20Covid-19%20Issues_Issue%201%20Jan-June%202020_Main%20text%20plus%20annexes_12aug2020.pdf

they mention concern of the quality of the products. We do not aim to include discussion of the multiple fraudulent claims and quackery.

We use the terminology for different types of poor quality medical products as defined by the World Health Organisation (WHO 2017)²:

Substandard medical products:

Also called “out of specification”, these are authorized medical products that fail to meet either their quality standards or their specifications, or both.

Unregistered/unlicensed medical products:

Medical products that have not undergone evaluation and/or approval by the national or regional regulatory authority for the market in which they are marketed/distributed or used, subject to permitted conditions under national or regional regulation and legislation.

Falsified medical products:

Medical products that deliberately/fraudulently misrepresent their identity, composition or source.

We emphasise the difference between the use of the terms ‘falsified’ and ‘counterfeit’ medical products. ‘Falsified’ is a broad term including all the various types of deliberate misrepresentation of a medical product from a public health perspective. The term ‘counterfeit’ is specifically linked to intellectual property rights, ‘trademark counterfeit goods’³ and ‘pirated copyright goods’⁴ as used in the Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement.

The reports presented were mostly extracted from the Medicines Quality Monitoring Globe ([MQM Globe](https://www.iddo.org/mqmglobe/))⁵, a system that scrapes online newspapers (referenced in Google News) for early warnings of substandard and falsified medical products. In addition, alerts and reports by national and international organisations are included when captured by the members of the team or shared by colleagues. This report also includes scientific literature and policy documents related to COVID-19 medical products quality identified by manual searches in Pubmed and Google Scholar. These will be displayed on the Medicine Quality COVID-19 Surveyor to be released in the coming months. We also include preprint of articles. Please note that preprints should be viewed with additional caution as

² Source: Appendix 3 to Annex, World Health Assembly document A70/23, 2017, viewed 14 August 2020, https://www.who.int/medicines/regulation/ssffc/A70_23-en1.pdf?ua=1

³ ‘Trademark counterfeit goods’: any goods, including packaging, bearing without authorization a trademark which is identical to the trademark validly registered in respect of such goods, or which cannot be distinguished in its essential aspects from such a trademark, and which thereby infringes the rights of the owner of the trademark in question under the law of the country of importation.

Source: World Trade Organization, viewed 14 August 2020, https://www.wto.org/english/docs_e/legal_e/27-trips_05_e.htm#fnt-14.

⁴ ‘Pirated copyright goods’: any goods that are copies made without the consent of the right holder or person duly authorized by the right holder in the country of production, and which are made directly or indirectly from an article where the making of that copy would have constituted an infringement of a copyright or a related right under the law of the country of importation.

Source: World Trade Organization, viewed 14 August 2020, https://www.wto.org/english/docs_e/legal_e/27-trips_05_e.htm#fnt-14.

⁵ Infectious Disease and Data Observatory. **Medicine Quality Monitoring Globe**, viewed 14 August 2020, <https://www.iddo.org/mqmglobe/>

they have not been peer-reviewed. They should not be relied on to guide clinical practice or health-related behaviour and should not be reported in news media as established information.

Please note the caveats for the lay literature ([MQM Globe disclaimer and caveats](#)⁶); we include abstracts and extracts from articles that are subject to a take down policy. If we are contacted by a potential rights-holder who objects to the presence of material, we will remove the material in question from the report and Globe until we have been able to assess the case. Where material is removed for valid reasons of copyright, its removal will be considered as lasting until copyright in the material expires, or until the rights-holder agrees that the material can be reinstated.

This second issue of the monthly report **Medical Product Quality Report – COVID-19 Issues** covers information published during the month of July. The [first issue](#) covered publications from January 1st to June 30th 2020 and is available on the IDDO website⁷. We are developing a system for scraping regulatory authority and international organisation websites for alerts that we will also include. Any remarks or additions to content are greatly appreciated (please write to medicinequality@iddo.org).

3 Scientific literature

3.1 General

Freckelton QCI. **COVID-19: Fear, quackery, false representations and the law.** *Int J Law Psychiatry*. Online ahead of print; 101611. doi: 10.1016/j.ijlp.2020.101611 Epub 2020 July 10. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7351412/pdf/main.pdf>

Abstract. "Fear, anxiety and even paranoia can proliferate during a pandemic. Such conditions, even when subclinical, tend to be a product of personal and predispositional factors, as well as shared cultural influences, including religious, literary, film, and gaming, all of which can lead to emotional and less than rational responses. They can render people vulnerable to engage in implausible conspiracy theories about the causes of illness and governmental responses to it. They can also lead people to give credence to simplistic and unscientific misrepresentations about medications and devices which are claimed to prevent, treat or cure disease. In turn such vulnerability creates predatory opportunities for the unscrupulous. This article notes the eruption of quackery during the 1889-1892 Russian Flu and the 1918-1920 Spanish Flu and the emergence during 2020 of spurious claims during the COVID-19 pandemic. It identifies consumer protection strategies and interventions formulated during the 2020 pandemic. Using examples from the United States, Japan, Australia and the United Kingdom, it argues that during a pandemic there is a need for three responses by government to the risks posed by conspiracy theories and false representations: calm, scientifically-based messaging from public health authorities; cease and desist warnings directed toward those making extravagant or inappropriate claims; and the taking of assertive and well publicised legal action against individuals and entities that make false representations during a pandemic in order to protect consumers rendered vulnerable by their emotional responses to the phenomenology of the pandemic."

⁶ Infectious Disease and Data Observatory. **Medicine Quality Monitoring Globe disclaimer and caveats**, viewed 17 August 2020, <https://www.iddo.org/medicine-quality-monitoring-globe-disclaimer-and-caveats>

⁷ Medicine Quality Research Group, University of Oxford. **Medical Product Quality Report –COVID-19 Issues**. Issue 1, January to June 2020, viewed 13 August 2020, https://www.iddo.org/sites/default/files/publication/2020-08/Medical%20Product%20Quality%20Report%20Covid-19%20Issues_Issue%201%20Jan-June%202020_Main%20text%20plus%20annexes_12aug2020.pdf

Godman B. **Combating COVID-19: Lessons learnt particularly among developing countries and the implications.** *Bangl J Med Sc [Special issue on Covid19]*. 2020 July; S103-S108 doi:10.3329/bjms.v19i0.48413.

https://www.researchgate.net/publication/343228023_Combating_COVID-19_Lessons_learnt_particularly_among_developing_countries_and_the_implications#fullTextFileContent

Extract from the text. *“Encouragingly there has been increase in the utilisation of personal protective equipment (PPE) across countries to help prevent the spread of COVID-19; however this has resulted in shortages and associated price rises. Shortages are though being addressed through increasing local production in a number of countries, and this is likely to remain. However care is needed to address concerns with sub-standard or falsified medicines, which are likely to increase where there are medicine shortages. Initiatives such as the Lomé initiative, which places falsified and substandard medicines on the highest political agenda, alongside current measures to strengthen the legal response to falsified medicines, are considerations for the future in pertinent developing countries.”*

Rogerson SJ, Beeson JG, Laman M, Poespoprodjo JR, William T, Simpson JA, Price RN. **Identifying and combating the impacts of COVID-19 on malaria.** *BMC Med*. 2020; 18:239. doi: 10.1186/s12916-020-01710-x. Epub 2020 Jul 30.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7391033/pdf/12916_2020_Article_1710.pdf

Abstract. *“Background: The COVID-19 pandemic has resulted in millions of infections, hundreds of thousands of deaths and major societal disruption due to lockdowns and other restrictions introduced to limit disease spread. Relatively little attention has been paid to understanding how the pandemic has affected treatment, prevention and control of malaria, which is a major cause of death and disease and predominantly affects people in less well-resourced settings. Main body: Recent successes in malaria control and elimination have reduced the global malaria burden, but these gains are fragile and progress has stalled in the past 5 years. Withdrawing successful interventions often results in rapid malaria resurgence, primarily threatening vulnerable young children and pregnant women. Malaria programmes are being affected in many ways by COVID-19. For prevention of malaria, insecticide-treated nets need regular renewal, but distribution campaigns have been delayed or cancelled. For detection and treatment of malaria, individuals may stop attending health facilities, out of fear of exposure to COVID-19, or because they cannot afford transport, and health care workers require additional resources to protect themselves from COVID-19. Supplies of diagnostics and drugs are being interrupted, which is compounded by production of substandard and falsified medicines and diagnostics. These disruptions are predicted to double the number of young African children dying of malaria in the coming year and may impact efforts to control the spread of drug resistance. Using examples from successful malaria control and elimination campaigns, we propose strategies to re-establish malaria control activities and maintain elimination efforts in the context of the COVID-19 pandemic, which is likely to be a long-term challenge. All sectors of society, including governments, donors, private sector and civil society organisations, have crucial roles to play to prevent malaria resurgence. Sparse resources must be allocated efficiently to ensure integrated health care systems that can sustain control activities against COVID-19 as well as malaria and other priority infectious diseases. Conclusion: As we deal with the COVID-19 pandemic, it is crucial that other major killers such as malaria are not ignored. History tells us that if we do, the consequences will be dire, particularly in vulnerable populations.”*

Gereffi G. **What does the COVID-19 pandemic teach us about global value chains? The case of medical supplies.** *J Int Bus Policy*. Online ahead of print; 1-15. doi: 10.1057/s42214-020-00062-w. Epub 2020 Jul 15.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7360894/pdf/42214_2020_Article_62.pdf

Extract from the paper. *“Regulatory policies are crucial for all healthcare supply chains, both in the home market (such as the legal liability concern over N95 masks) and also in the transparency of international supply chains, where informal subcontracting has often compromised quality and lowered confidence in these arrangements. However, GVC studies highlight that regulations for the same products can vary in their stringency or levels of enforcement in large developing economies such as China, which could promote or hinder upgrading among GVC suppliers (Kaplinsky, Terheggen & Tijaja, 2010).”*

Monteiro MA, Novotný TS, Condé de Lima P, Ochs SM. **Sanitary Surveillance of Medicines and Counterfeit in Combating Covid19: Chloroquine and other products.** *BJRH*. 2020 July 16; 3(4): 8357. doi:10.34119/bjhrv3n4-090.

<https://www.brazilianjournals.com/index.php/BJHR/article/view/13308/11187>

Abstract. *“In view of the pandemic decreed by the World Health Organization due to the worldwide advance of Covid-19 and its rapid spread and severity, chloroquine has emerged as a possible protocol for treating the disease, especially in patients with severe and hospitalized cases. Chloroquine is a drug used to treat malaria, rheumatoid arthritis and lupus, but it also has antiviral and anti-inflammatory activities, demonstrating its potent efficacy in the treatment of patients with Covid-19 pneumonia. The safety, quality and efficacy of medicines is a concern of sanitary surveillance, as the presence of counterfeit and low quality medicines is an important public health issue that poses a considerable risk to the lives of millions of people. Several studies indicate low quality or counterfeit products, being antimalarials and antibiotics the most reported. This problem can prolong illness and inconvenience, increase suffering and even cause the death of patients. Chloroquine is one of the drugs with several low-quality and counterfeit findings, therefore, the constant inspection and regulation of this drug is a major concern, since the increase in its demand to fight the virus can encourage the production of products that do not present the expected safety, quality and effectiveness. In yet another challenging moment for Public Health, it is essential to highlight the importance of the sanitary surveillance of products, in order to guarantee an effective treatment for the most serious cases of Covid-19 and to confront this disease.”*

McKee M. **England’s PPE procurement failures must never happen again.** *BMJ*. 2020 July 17; 370. doi: 10.1136/bmj.m2858. <https://www.bmj.com/content/370/bmj.m2858>

Extract from the text. *“Numerous accounts of procurement failures have emerged across Europe during the current pandemic. Health authorities entered into contracts with companies that promised much but failed to deliver, and what they did supply was often substandard. In some cases certification documents were issued without checks or were forged. A few seem to have involved corruption or organised crime. Yet often it was just that mistakes were made. Hard pressed procurement staff failed to do the most basic due diligence procedures, such as checking whether the company had filed accounts, had assets, or had any experience in what it claimed it could do.”*

Perrin C, Cloez S, Dujardin C, Ravinetto R. **Europe should lead in coordinated procurement of quality-assured medicines for programmes in low-income and middle-income countries.** *BMJ Glob Health*. 2020; 5(7): e003283. doi: 10.1136/bmjgh-2020-003283. Epub 2020 Jul 26. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7383953/pdf/bmjgh-2020-003283.pdf>

Summary box. *“Thoughtful procurement policies in humanitarian and development medical programmes can mitigate the risk of purchasing poor-quality medicines, allowing to address fundamental moral obligation to equity, transparency and accountability. European donors are aware of the quality problems in the global pharmaceutical market, and some are already translating awareness into explicit procurement and quality assurance policies. However, a joint position and coordinated action is lacking. European donors should share existing knowledge and tools, seek the input of recipient countries, and develop a joint position on how the donor community can help to*

ensure access to affordable and quality-assured health products—also during public health emergencies such as the COVID-19 pandemic. Applying stringent and harmonised quality assurance requirements, European donors and their implementing organisations can help shaping the global pharmaceutical market towards affordable, quality assured products.”

Publication prior to July 2020

Additions to Medical Product Quality report: Covid-19 Issues. Issue 1. Jan-June 2020

- ❖ Goodman, JL, Borio L. **Finding Effective Treatments for COVID-19 Scientific Integrity and Public Confidence in a Time of Crisis.** JAMA. 2020 April 16; 323(19):1899-1900.
doi:10.1001/jama.2020.6434. <https://jamanetwork.com/journals/jama/article-abstract/2764823>

Extract from the text. *“In this context, the recent issuance of the chloroquine/hydroxychloroquine EUA [Emergency Use Authorization] in the midst of political pressure and with scant and conflicting supporting evidence, should be of serious concern. Although everyone hopes these drugs will be found to work, the weakness of currently existing efficacy data and safety concerns are significant. Furthermore, growing enthusiasm about the drugs has resulted in unintended consequences, including anecdotal reports of fatal ingestions as well as hoarding that puts patients who need the drugs for proven indications at risk. Resulting shortages also risk promoting production and use of substandard or counterfeit substitutes.”*

- ❖ Erku DA, Belachew SA, Abrha S, Sinnollareddy M, Thomas J, Steadman KJ, Tesfaye WH. **When fear and misinformation go viral: Pharmacists' role in deterring medication misinformation during the 'infodemic' surrounding COVID-19.** Res Social Adm Pharm. Online ahead of print.
doi: 10.1016/j.sapharm.2020.04.032. Epub 2020 May 1.
<https://www.sciencedirect.com/science/article/pii/S1551741120304551>

Abstract. *“The world has faced an unprecedented challenge when coronavirus (COVID-19) emerged as a pandemic. Millions of people have contracted the virus and a significant number of them lost their lives, resulting in a tremendous social and economic shock across the globe. Amid the growing burden of the pandemic, there are parallel emergencies that need to be simultaneously tackled: the proliferation of fake medicines, fake news and medication misinformation surrounding COVID-19. Pharmacists are key health professionals with the required skills and training to contribute to the fight against these emergencies. Primarily, they can be a relevant source of accurate and reliable information to the public or other fellow health professionals thereby reducing the spread of COVID-19 medication misinformation. This can be achieved by providing accurate and reliable information based on recommendations given by relevant health authorities and professional associations to make sure the community understand the importance of the message and thus minimise the detrimental consequences of the pandemic. This commentary aims to summarise the existing literature in relation to the promising treatments currently under trial, the perils of falsified medications and medicine-related information and the role of pharmacists in taking a leading role in combating these parallel global emergencies.”*

- ❖ Rosenthal PJ, Breman JG, Djimde AA, John CC, Kamya MR, Leke RGF, Moeti MR, Nkengasong J, Bausch DG. **COVID-19: Shining the Light on Africa.** Am J Trop Med Hyg. 2020 Jun; 102(6):1145-1148. doi: 10.4269/ajtmh.20-0380. Epub 2020 May 5.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7253089/pdf/tpmd200380.pdf>

An editorial on how Africa has coped with epidemics in the past and now specifically with the COVID-19 outbreak. It is summing up possible response measures that Africa and global partners can undertake in the light of COVID-19. One of the areas of action are ‘therapeutics and vaccines’. The authors are warning for the use of chloroquine and hydroxychloroquine for COVID-19 treatment with the risk of shortages of the drug for the recognised indications and the concurrent risk of falsified and substandard medicines.

- ❖ Amimo F, Lambert B, Magit A. **What does the COVID-19 pandemic mean for HIV, tuberculosis, and malaria control?** *Trop Med Health*. 2020; 48: 32. 2020; doi: 10.1186/s41182-020-00219-6. Epub 2020 May 13.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7218555/pdf/41182_2020_Article_219.pdf

Abstract. “Despite its current relatively low global share of cases and deaths in Africa compared to other regions, coronavirus disease 2019 (COVID-19) has the potential to trigger other larger crises in the region. This is due to the vulnerability of health and economic systems, coupled with the high burden of human immunodeficiency virus (HIV), tuberculosis (TB), and malaria. Here we examine the potential implications of COVID-19 on the control of these major epidemic diseases in Africa. We use current evidence on disease burden of HIV, TB, and malaria, and epidemic dynamics of COVID-19 in Africa, retrieved from the literature. Our analysis shows that the current measures to control COVID-19 neglect important and complex context-specific epidemiological, social, and economic realities in Africa. There is a similarity of clinical features of TB and malaria, with those used to track COVID-19 cases. This coupled with institutional mistrust and misinformation might result in many patients with clinical features similar to those of COVID-19 being hesitant to voluntarily seek care in a formal health facility. Furthermore, most people in productive age in Africa work in the informal sector, and most of those in the formal sector are underemployed. With the current measures to control COVID-19, these populations might face unprecedented difficulties to access essential services, mainly due to reduced ability of patients to support direct and indirect medical costs, and unavailability of transportation means to reach health facilities. Therefore, if not accompanied with appropriate economic and epidemiological considerations, we anticipate that these measures might result in unprecedented difficulties among vulnerable segments of society to access essential services, including antiretroviral and prophylactic drugs among people living with HIV and Acquired Immune Deficiency Syndrome, anti-tuberculosis drugs, and curative and preventive treatments for malaria among pregnant women and children. This might increase the propensity of patients taking substandard doses and/or medicines, which has the potential to compromise drug efficacy, and worsen health inequalities in the region. COVID-19 responses at country level should include measures to protect vulnerable and under-served segments of society.”

- ❖ Chan AH, Rutter V, Ashiru-Oredope D, Tuck C, Barbar ZUD. **Together we unite: the role of the Commonwealth in achieving universal health coverage through pharmaceutical care amidst the COVID-19 pandemic.** *J Pharm Policy Pract*. 2020; 13:13. doi: 10.1186/s40545-020-00214-6. Epub 2020 May 13.

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7218554/pdf/40545_2020_Article_214.pdf

Abstract. “The world currently faces unprecedented health challenges as COVID-19 poses a huge threat to health systems, economies and societies as we know it. The events of the current COVID-19 pandemic have further emphasised existing issues within our health systems. There is no better time than now to come together in global solidarity to tackle these evolving threats of COVID-19 pandemic. The Commonwealth is an ideally placed network to tackle these global health challenges, with its wide-reaching networks of governmental, non-governmental and civil society organisations across all continents. Although the biennial Commonwealth Heads of Government Meeting (CHOGM) originally scheduled to take place in Kigali in Rwanda 22–27 June 2020 has been postponed in view of COVID-19, Commonwealth country discussions are continuing, centred on the CHOGM key theme of ‘Delivering a Common Future: Connecting, Innovating, Transforming’, and five subthemes of Information and Communications Technology (ICT) and Innovation; Trade; Environment; Governance and the Rule of Law; and Youth. The planned CHOGM and Commonwealth itself provides all members a timely platform to consider innovative ways to connect, innovate and transform healthcare to meet the needs of their populations. This commentary considers these five CHOGM subthemes and how member nations can be supported to achieve universal health coverage through optimising medicines use and outcomes, in the midst of a global pandemic in line with the global health agenda.”

- ❖ Berardi A, Perinelli DR, Merchant HA, Bisharat L, Basheti IA, Bonacucina G, Cespi M, Palmieri GF. **Hand sanitisers amid CoViD-19: A critical review of alcohol-based products on the market and**

formulation approaches to respond to increasing demand. *Int J Pharm.* 2020 Jun 30; 584: 119431. doi: 10.1016/j.ijpharm.2020.119431. Epub 2020 May 16.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7229736/pdf/main.pdf>

Abstract. *"The world is facing a medical crisis amid the CoViD-19 pandemic and the role of adequate hygiene and hand sanitisers is inevitable in controlling the spread of infection in public places and healthcare institutions. There has been a great surge in demand for hand sanitisation products leading to shortages in their supply. A consequent increase of substandard products in the market has raised safety concerns. This article, therefore, presents a critical review of hand sanitation approaches and products available on the market in light of the scientific evidence available to date. This review also provides a range of hand sanitisation product formulations, and manufacturing instructions to allow for extemporaneous preparations at the community and hospital pharmacies during this urgent crisis. In addition, this emergent situation is expected to continue, hence hand sanitisers will be in demand for an extended time, and the availability and purchase of substandard products on the market create an ongoing safety concern. Therefore, this article shall also provide various commercial organisations, interested in stepping forward the production and marketing of hand sanitisers, with a guide on the development of products of standardised ingredients and formulations."*

- ❖ Adebisi YA, Jumoke AA, Carolyn OO. **Coronavirus disease-19 and access to medicines in Africa.** *Int J Health Allied Sci [serial online].* 2020 June 4; 9(5):120-121. Available from: <http://www.ijhas.in/text.asp?2020/9/5/120/285970>

Extract from the text. *"It is not in the interest of the continent's drug security to depend largely on imported drugs and equipment to meet the healthcare needs of the population. There is a need to scale up drug manufacturing in Africa as this will not just aid in meeting the healthcare needs of the populace but will aid in combating the preponderance of falsified, substandard and counterfeit pharmaceutical products, which pose a threat to public health."*

- ❖ Lumpkin MM, Lim JCW. **Pandemic Best Regulatory Practices: An Urgent Need in the COVID-19 Pandemic.** *Clin Pharmacol Ther.* Online ahead of print; 10.1002/cpt.1932. doi: 10.1002/cpt.1932. Epub 2020 Jun 4. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7300901/pdf/CPT-9999-na.pdf>

Abstract. *"As large numbers of candidate drugs and vaccines for potential use in the Covid-19 pandemic are investigated, medicines regulators globally must now make urgent, informed, contextually risk based decisions regarding clinical trials and marketing authorizations. They must do this with the flexibility demanded by the pandemic while maintaining their core risk assessment and public safety functions. We lay out the critical role of regulators in the current crisis and offer eight "pandemic best regulatory practices." These should support both the regulatory public health imperative and assure timely patient access to effective, safe, quality products worldwide during this emergency – thus contributing to ending this pandemic as quickly, effectively, and safely as possible."*

- ❖ Akande-Sholabi W, Adebisi YA. **The impact of COVID-19 pandemic on medicine security in Africa: Nigeria as a case study.** *Pan African Medical Journal.* 2020 Jun 10; 35(2):73. doi: 10.11604/pamj.supp.2020.35.2.23671. Epub 2020 May 22. <https://www.panafrican-med-journal.com/content/series/35/2/73/full/>

Conclusion. *"The net impact of COVID-19 pandemic may occur soon with worrisome outcome on the health of Nigerians. In addition, the threat to medicine insecurity due to the pandemic could result into increase in circulation of fake and counterfeit medicines putting lives of millions at danger. This is a further concern in that the country has been struggling over the years to fight fake, counterfeited, and sub-standard medicines in its supply chain. It is also very important for the country to fund herbal medicine research and increase its commitment towards advancing it. Extensive research should be implored to fully utilize the potential of herbal medicine because Nigeria is blessed with thousands of*

plants with potential health benefits. Furthermore, the need to encourage local pharmaceutical companies and herbal medicine research is essential towards improving public health."

- ❖ Ojong N. **The COVID-19 Pandemic and the Pathology of the Economic and Political Architecture in Cameroon.** *Healthcare.* 2020 June 17; 8(2):176. doi: 10.3390/healthcare8020176. <https://www.mdpi.com/2227-9032/8/2/176>

Abstract. "This article examines the factors restricting an effective response to the COVID-19 pandemic in Cameroon. It argues that structural adjustment policies in the 1980s and 1990s as well as corruption and limited investment in recent times have severely weakened the country's health system. This article also emphasises the interconnection between poverty, slums, and COVID-19. This interconnection brings to the fore inequality in Cameroon. Arguably, this inequality could facilitate the spread of COVID-19 in the country. This article draws attention to the political forces shaping the response to the pandemic and contends that in some regions in the country, the lack of an effective response to the pandemic may not necessarily be due to a lack of resources. In so doing, it critiques the COVID-19 orthodoxy that focuses exclusively on the pathology of the disease and advocates "technical" solutions to the pandemic, while ignoring the political and socio-economic forces that shape the fight against the pandemic. At times, medical supplies and other forms of assistance may be available, but structural violence impairs access to these resources. Politics must be brought into the COVID-19 discourse, as it shapes the response to the pandemic."

- ❖ Caldera-Villalobos C, Garza-Veloz I, Martínez-Avila N, Delgado-Enciso I, Ortiz-Castro Y, Cabral-Pacheco GA, Martinez-Fierro ML. **The Coronavirus Disease (COVID-19) Challenge in Mexico: A Critical and Forced Reflection as Individuals and Society.** *Front Public Health.* 2020; 8:337. doi: 10.3389/fpubh.2020.00337. Epub 2020 Jun 26. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7332544/pdf/fpubh-08-00337.pdf>

Extract from the paper. "Another very important aspect was the use of poor quality PPE, which has been a constant throughout the evolution of the pandemic and which has reached such magnitudes that health personnel have seen the need to actively stop and mobilize in protests."

- ❖ Lebed S, Nemchenko A, Zdoryk A. **Estimation of the possibility of expanding the instrument base for the rapid detection of falsified medicinal products in the Rivne region.** *ScienceRise:Pharmaceutical Science.* 2020 June 30; 0 (3(25)): 39-43. doi: 10.15587/2519-4852.2020.209107. <https://journals.indexcopernicus.com/search/article?articleId=2585347>

Abstract. "The aim of the research was assessment of ways to expand the instrument base of photometric equipment for quality control of medicines, substantiation of prospects for their implementation and application in the activities of the territorial service for medicines and drug control in Rivne region.

Materials and methods. Literature data, scientific publications on the application of photometric methods in drug quality control and own research on drug quality control were used. The methods of system analysis, bibliosemantic, data generalization was used in the work, the method of absorption spectrophotometry in the infrared region is used in the experimental research.

Results. It is analyzed the effectiveness of IR spectroscopy for quality control of drugs and detection of their counterfeits in the framework of improving modern approaches to counteracting and combating the turnover of drugs in Ukraine. The prospect of using portable Raman spectrometers for drug quality control is established, based on their advantages over IR spectrophotometry. It was analyzed a list of drugs containing (azithromycin, erythromycin, ibuprofen, paracetamol, clarithromycin, cefuroxime sodium), including antipyretics and antibiotics that can be used to treat complications of COVID-19, in the field of involvement of the instrument base of the National University of Water Management and Nature Management and Rivne State University for the Humanities of Rivne.

Novelty of the obtained results. For the first time, the paper suggests the involvement of the instrument base of higher education institutions for routine quality control of drugs and detection of their counterfeits by territorial laboratories for quality control of medicines on the example of Rivne

region. The necessity of introduction and equipping of territorial bodies of the state quality control of medicines with portable devices of Raman spectrometry for carrying out express, non-destructive quality control of medicines is substantiated.

Conclusions. The method of Raman spectroscopy is relevant for the implementation of the State Service for Medicines and Drug Control. The introduction of this method and equipment will increase the efficiency of inspections, as well as significantly reduce the time of analysis. According to the results of experimental research on the basis of the National University of Water Management of Rivne and Rivne State University for the Humanities, it is expedient and possible to involve the equipment of regional educational institutions and laboratories to detect counterfeits and prevent their use by the health care system"

3.2 Seizures/Surveys/Case Reports/Reviews

[MedRxiv preprint] Plana D, Tian E, Cramer AK, Yang H, Carmack MM, Sinha MS, Bourgeois FT, Yu SH, Masse P, Boyer J, Kim M, Mo J, LeBoeuf NR, Li J, Sorger PK. **Assessing the quality of nontraditional N95 filtering face-piece respirators available during the COVID-19 pandemic.** MedRxiv preprint. Jul 2020. doi: 10.1101/2020.07.25.20161968.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7386520/pdf/nihpp-2020.07.25.20161968.pdf>

Abstract. "Background: During the current COVID-19 pandemic, supply chains for Personal Protective Equipment (PPE) have been severely disrupted and many products, particularly surgical N95 filtering facepiece respirators (FFRs; "masks") are in short supply. As a consequence, an Emergency Use Authorization (EUA) from the FDA has allowed importation of N95-type masks manufactured to international standards; these include KN95 masks from China and FFP2 masks from the European Union.

Methods: We conducted a survey of mask in the inventory of major academic medical centers in Boston, MA to determine provenance and manufacturer. We then assembled a simple apparatus for performing a necessary (but not sufficient) test of filtration performance and tested masks from the inventory; an accompanying website shows how to build and use the testing apparatus.

Results: Our survey showed that, seven months after the start of the COVID-19 pandemic, over 100 different makes and models of N95-type masks are in the inventory of local hospitals as opposed to 2–5 models under normal circumstances. A substantial number of unfamiliar masks are from unknown manufacturers. Many did not perform to accepted standards and are likely to be counterfeit. Due to the absence of publicly available information on mask suppliers in the FDA EUA and confusing or inconsistent labeling of KN95 masks, it is difficult to distinguish legitimate and counterfeit products.

Conclusions: Many of the FFR masks available for procurement during the COVID-19 pandemic do not provide levels of fit and filtration similar to those of N95 masks and are not acceptable for use in healthcare settings. Based on these results, and in consultation with occupational health officers, we make six recommendations for end users to assist in acquiring legitimate products. In particular, institutions should always assess masks from non-traditional supply chains by checking their markings and manufacturer information against data provided by NIOSH and the latest FDA EUA Appendix A. In the absence of verifiable information on the legitimacy of mask source, institutions should consider measuring mask fit and filtration directly. We also make suggestions for U.S and Chinese regulatory agencies with regard to labeling and public disclosure aimed at increase pandemic resilience."

4 International organisations

United Nations Office on Drugs and Crime. **COVID-19-related Trafficking of Medical Products as a Threat to Public Health. Research Brief.** 2020 July 6. Available from: https://www.unodc.org/documents/data-and-analysis/covid/COVID-19_research_brief_trafficking_medical_products.pdf

Executive summary. *“Restrictions on movement imposed by governments across the world due to the COVID-19 pandemic have had an impact on the trafficking of substandard and falsified medical products. Interpol and the World Customs Organization (WCO) reported that seizures of substandard and falsified medical products, including personal protective equipment (PPE), increased for the first time in March 2020. The emergence of trafficking in PPE signals a significant shift in organized criminal group behaviour that is directly attributable to the COVID-19 pandemic, which has brought huge demand for medical products such as PPE over a relatively short period of time. It is foreseeable that, with the evolution of COVID-19 and developments in medicinal treatments and/or the repurposing of existing medicines, criminal behaviour will shift from trafficking in PPE to the development and delivery of a COVID-19 vaccine. Furthermore, cyberattacks on critical infrastructure involved in addressing the pandemic are likely to continue in the form of online scams aimed at health procurement authorities.*

United Nations Office on Drugs and Crime. **The impact of COVID-19 on organized crime. Research Brief.** 2020 July 13. Available from: https://www.unodc.org/documents/data-and-analysis/covid/RB_COVID_organized_crime_july13_web.pdf

Extract of the executive summary. *“High demand coupled with low supply in key sectors opens way for OCGs The pandemic has brought dramatic spikes in demand to some sectors, for example medical devices, pharmaceutical products, e-commerce, food retail, cleaning, and funeral services. The demand for sanitary masks, breathing devices, and medicines has also risen notably. As governments seek to shore up their defences against the pandemic, procurement procedures in some countries have been relaxed. There is already evidence from countries around the world that organized crime has moved into these sectors – especially where traditional means of making illicit profits, such as illicit drugs and firearms trafficking and smuggling of migrants are being tightly constricted by restrictions on movement. For the impact of covid-19 on organized crime 2 example, falsified medical masks have been seized in Spain and Italy, attempts to smuggle vital equipment have been stopped in Ukraine, Iran, and Azerbaijan; one Mexican cartel has been promoting the production of falsified COVID-19 medical products and forcing pharmacies to sell them.”*

Interpol. **Operation in the Middle East and North Africa targets pharmaceutical crime. News.** 2020 July 16. Available from: <https://www.interpol.int/fr/Actualites-et-evenements/Actualites/2020/Operation-in-the-Middle-East-and-North-Africa-targets-pharmaceutical-crime>

Extract from the news. *“Running from 1 February to 1 April 2020, the operation coincided with the coronavirus pandemic, and saw a trend in the trafficking of items related to COVID-19. Among the seizures were: 61,000 respiratory masks and one artificial respirator in Morocco; 63,418 face masks and 360 sanitizing products in Jordan; 85,000 medical products (facemasks, gloves, thermometers, medical glasses, etc.) in Qatar. These results confirm the trend observed under the global Operation Pangea, also run by INTERPOL, in March. The outbreak of the coronavirus disease has offered an opportunity for fast cash, as criminals take advantage of the high market demand for personal protection and hygiene products. Challenges in pandemic preparedness, ranging from weak regulatory and legal frameworks to the prevention of the manufacturing and trafficking of substandard and falsified products and cyber security shortcomings, were evident before COVID-19, but the pandemic has exacerbated them and it will be difficult to make significant improvements in the immediate short term. The report concludes that crime targeting COVID-19 medical products will become more focused*

with significantly greater risks to public health as the containment phase of the pandemic passes to the treatment and prevention stages.”

Publication prior to July 2020

Addition to Medical Product Quality report: Covid-19 Issues. Issue 1. Jan-June 2020.

World Bank Group. **Streamlining Technical Measures on Medical Products to Combat COVID-19.**

Report. 2020 May 21. Available from:

<http://documents1.worldbank.org/curated/en/304931590509092851/pdf/Streamlining-Technical-Measures-on-Medical-Products-to-Combat-COVID-19.pdf>

Key messages. “(*)The urgency of effective responses to the COVID-19 pandemic and the reliance of many low-income countries on imports of medical products, requires new approaches to regulation of these products. The challenge will be particularly acute for the new tests to identify infection, drugs to alleviate symptoms and machines to aid recovery as well as vaccines that are all expected to be developed in the coming months. (*)Increased transparency, information sharing and greater cooperation among agencies responsible for the approval and inspection of medical goods around the world can help officials in low-income countries implement their mandate more effectively while maximizing efficient access to these commodities. (*)Responsible agencies should focus on implementing technical regulations to protect health and safety, including interception of counterfeit and substandard products, and avoid wasting resources and creating delays by maintaining procedural practices that may be better addressed through alternative risk management strategies or seeking to regulate quality issues, which are best left to the market. (*)Where there is a need to rapidly approve, test and inspect new goods or varieties that have not previously been imported, such as new equipment and medicines, the adoption of mutual recognition and/or equivalence can provide effective mechanisms to avoid regulatory delays while maintaining high levels of safety.”

5 Miscellaneous

The Partnership for Safemedicines. **Statement On Trump Administration Executive Order On Drug Importation.** News release. 2020 July 24. <https://www.safemedicines.org/2020/07/statement-on-trump-administration-executive-order-on-drug-importation.html>

A statement by Shabbir Safdar, executive director of the Partnership for Safe Medicines in response to the changes to the prescription drug importation scheme in the USA. He asserts that there health risk goes together with drug importation, creating additional opportunities for malicious persons to fill the gap in supply and demand of COVID-19 treatments.

National Association of Manufacturers. **Countering Counterfeits: The Real Threat of Fake Products.**

White paper. July 2020.

https://www.nam.org/wp-content/uploads/2020/07/CounteringCounterfeits.vF_.pdf

Conclusion. “The current COVID-19 pandemic and the countless headlines about fake test kits, counterfeit face masks and fake drugs underscore the counterfeiting challenge. But this problem extends beyond health products. It also affects manufactured products that American households use every day, from auto parts to clothing to toys. Counterfeit versions of many products are widely available to American consumers, particularly through e-commerce platforms. These counterfeit goods pose a triple threat: harming the safety and well-being of consumers, limiting the competitiveness of manufacturers of all sizes and undermining American innovation. Manufacturers need real, actionable, innovative policy solutions that reverse the rising tide of counterfeit products. This report provides a series of clear, decisive actions that all stakeholders can take, in government and in the private sector, to stop counterfeiters in their tracks.”

6 Lay literature

6.1 Disclaimer & Notes

The information included below is based on the data used to create the Medicine Quality Monitoring Globe ([MQM Globe](#)). It contains publicly available information on the quality of medical products from non-peer-reviewed lay literature. We report the information as it is stated in the articles and can thus be biased towards the authors perspective. It does not necessarily reflect our vision or judgment on the issue. Also, this information usually will not have scientific confirmation. Therefore, the information needs to be interpreted with the greatest caution. We regard the reports as early warnings of potential problems. No or few articles from a region does not imply that the medical product quality there is good, but probably reflects a lack of accessible information. Full disclaimer and caveats can be found at [MQM Globe disclaimer and caveats](#)⁸.

The Google News search tool is used to capture data from online news sources. Articles matching the search terms are loaded into a database and curated by trained analysts. Because the Globe system extracts newspaper articles from journals referenced in Google News only, reports not referenced in Google News would not be captured. Please consult the website for full [methodology](#)⁹. On the 20th of March, the search terms were adapted to capture more papers on Substandard and Falsified (SF) medical supplies for COVID-19.

The news articles discussed in the sections below are available in the Globe-reports, in this report's annexes, or on the online [MQM Globe](#), using the report ID (six digits code). The MQM Globe-reports are generated with pre-defined search terms, which enable quick access to reports of (a) COVID diagnostics, (b) Personal protective equipment, (c) COVID trial medicines, and (d) Ventilators and Positive end-expiratory pressure (PEEP).

In this report we share articles captured by the MQM Globe that are linked to medical products that potentially are used in the context of Covid-19 or to active pharmaceutical ingredients (APIs) that are being trialed for Covid-19 treatment and/or prevention. In theory there is a distinction between (a) SF incidents that are due to or increased by the COVID-19 epidemic; and (b) incidents that would have happened in any case. It can be difficult to make the distinction between the two types of incidents and some reports cited here below are not directly linked to the treatment of COVID-19. Nevertheless we have included them as crossover risks and to see if the alerts on these medical products change over time.

For this report, we only included data that were published in English. For articles in French, Spanish, Mandarin, and Vietnamese; please consult the online [MQM Globe](#). We will continuously work to improve the MQM Globe and add in articles in other languages to this report in time. Any remarks or additions to content are encouraged (please write to medicinequality@iddo.org)

⁸ Infectious Diseases Data Observatory. **Medicine Quality Monitoring Globe disclaimer and caveats**, viewed 14 August 2020, <https://www.iddo.org/medicine-quality-monitoring-globe-disclaimer-and-caveats>

⁹ Infectious Diseases Data Observatory. **Medicine Quality Monitoring Globe methodology**, viewed 14 August 2020, <https://www.iddo.org/medicine-quality-monitoring-globe-methodology>

6.2 Articles on SF medical products for COVID-19 – main characteristics

From March onwards there is a clear rise in articles and alerts in the lay press on SF medical products linked to COVID-19 (figure 1 & table 1). The month of July has had the lowest number of alerts since February. In the month of July, 42 relevant articles linked to SF COVID-19 medical products, alerted through the MQM Globe database, are reported below. Within those articles, 1 alerted on vaccines, 4 are linked to diagnostics, 9 to trial medicines, and 28 to personal protective equipment (PPE) including sanitizers (figure 2). In July the MQM Globe did not identify any report linked to ventilation equipment.

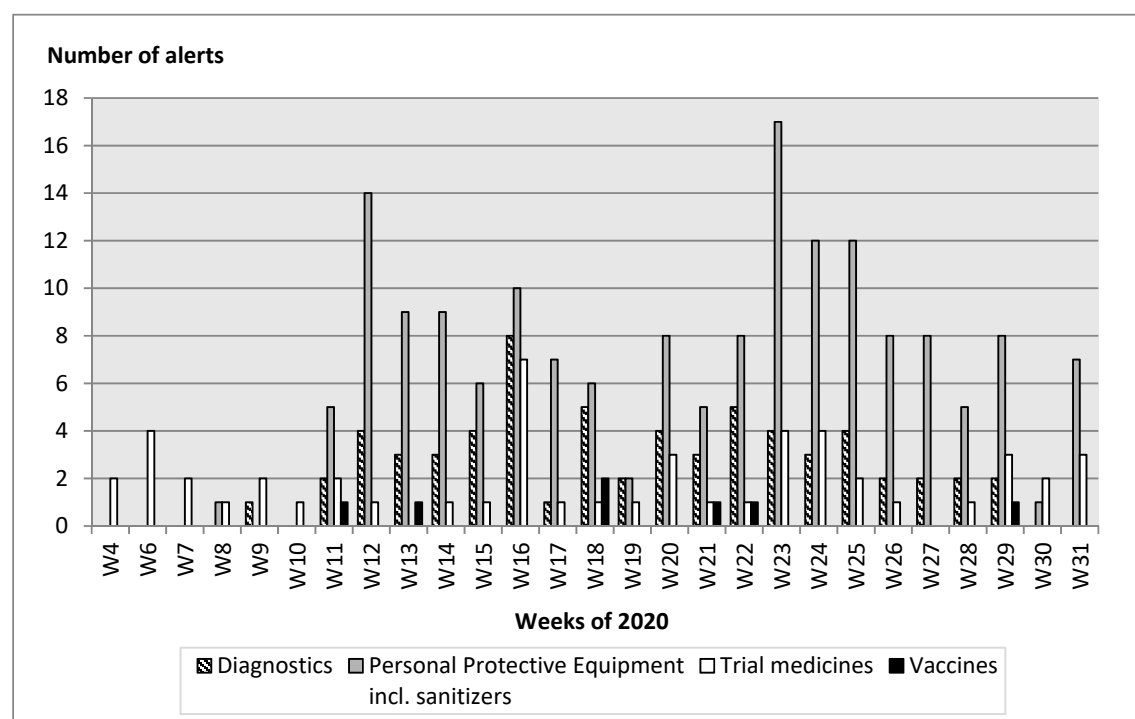


Figure 1. Number of alerts on the Medicines Quality Monitoring Globe by category and by week.

Alerts are for substandard or falsified products linked to COVID-19. Week 4 started Monday 20 January 2020 and week 31 ended on Friday 31st of July 2020.

Table 1. Number of articles on the Medicines Quality Monitoring Globe linked to substandard or falsified COVID-19 supplies by month.

As some articles describe more than one category of products, the sum of alerts per month as shown in figure 1 may exceed the sum of articles per month.

Month	Number of articles
January	2
February	10
March	49
April	50
May	47
June	64
July	42

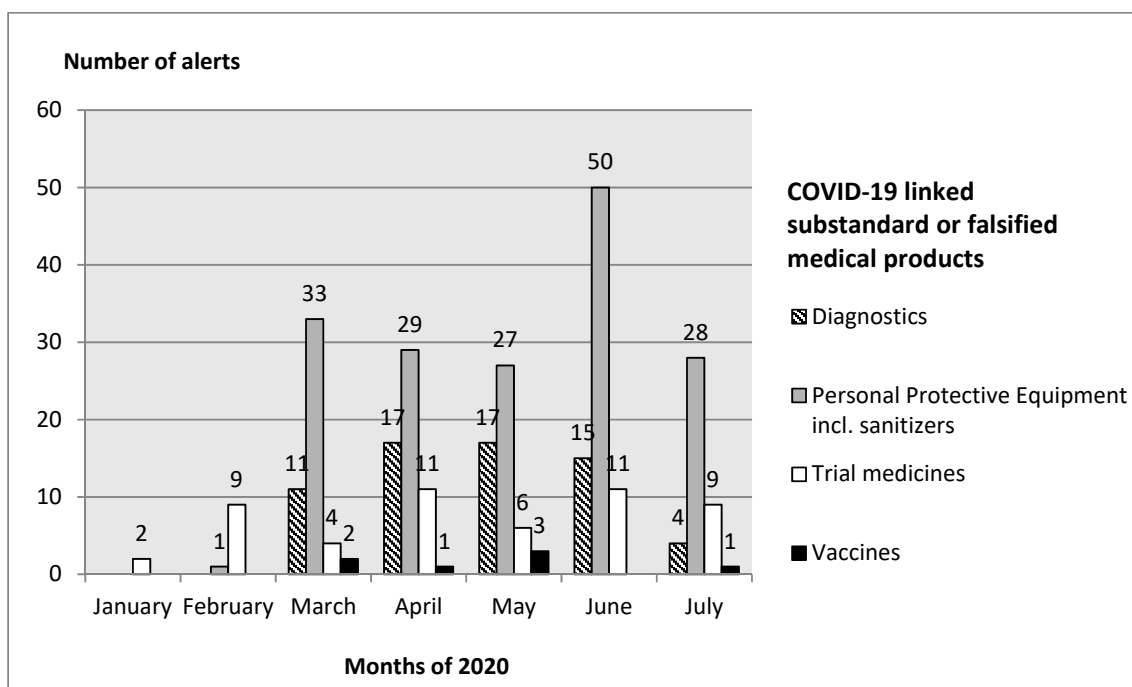


Figure 2. Number of alerts on the Medicines Quality Monitoring Globe by category of products and by month. Alerts are for substandard or falsified products linked to COVID-19. As some articles describe more than one category of products, the sum of alerts per month may exceed the sum of articles per month as shown in table 1.

One of the articles captured by the MQM Globe falls outside of the above discussed categories. The article alerts about falsified benzodiazepine tablets in Ireland (record ID: 653550¹⁰). The article argues that due to closure of the pubs during lockdown people turn to benzodiazepines instead of cocaine. In addition dealers may have shifted their market from cocaine to benzodiazepines because their cocaine market contracted. In July the MQM globe captured 8 articles in relation to SF benzodiazepines.

¹⁰ Irish Mirror. **Warning over €2 fake benzo pills laced with rat poison after deaths spike during lockdown.** Pownall S, viewed 19 July 2020. <https://www.irishmirror.ie/news/irish-news/crime/warning-over-2-fake-benzo-22377492>

6.3 Vaccines

Many COVID-19 vaccines are being developed and are at different stages of development and trials. To date there is no approved COVID-19 vaccine on the market. In July there was one article on the MQM Globe that reported on an issue with vaccines. In the United States a man was advertising online for a pre-order of coronavirus vaccine using false and misleading statements (report ID: 646267).

6.4 COVID-19 diagnostics

The United States Food and Drug Administration (US FDA) launched an alert for a commonly used COVID-19 test with increased risk of providing false positive results (report ID: 666407). The SARS-CoV-2 reagents for the BD Max System of Becton Dickinson and Company (BD) received an Emergency Use Authorisation last April but 3% of the results turned out to be false positive. FDA and BD are working together to resolve the issue. An article reported on a study evaluating the performance of nucleic acid coronavirus test performed with Centers for Disease Control and Prevention distributed kits (report ID: 678079). The study found that the testing kits gave a 30% false-positive rate and a 20% false negative rate.

The Kenya Medical Laboratory Technicians and Technologies Board closed down the laboratory of a Nairobi hospital (report ID: 640370). The laboratory was allegedly performing Covid-19 tests but were not equipped to perform the tests. In addition invalid and expired laboratory reagents were found. In Malawi, the Ministry of Health received reports of private hospitals and pharmacies providing rapid antibody tests for the diagnosis of COVID-19 infection (report ID: 645369). A warning has been sent out since this type of tests are not recommended for diagnosis of current infection with COVID-19¹¹.

6.5 Personal protective equipment including sanitizers

6.5.1 Sanitizers and disinfectant

Out of the 16 reports on issues with hand sanitizers, eleven were in the United States. US FDA continuously expands its list of hand sanitizers that consumers should not use. In July alone at least 100 different products (with different National Drug Code numbers), from more than 50 different manufacturers were added¹². Many of those sanitizers are or may be contaminated with methanol (report ID: 642660, 664315). Several of them may have been produced in Mexico (report ID: 645541, 666111, 671111). But also products made in the US were recommended for recall by the US FDA, for example a hand sanitizer made by Leiper's Fork Distillery (report ID: 665628).

US FDA issued import alerts and warnings to the public¹³. They are especially concerned with the

¹¹ World Health Organisation. **Clinical management of COVID-19. Guidance.** 2020 May 27. <https://www.who.int/publications/i/item/clinical-management-of-covid-19>

¹² United States Food & Drug Administration. **FDA updates on hand sanitizers consumers should not use,** viewed 10 August 2020, <https://www.fda.gov/drugs/drug-safety-and-availability/fda-updates-hand-sanitizers-consumers-should-not-use#products>

¹³ United States Food & Drug Administration. **Coronavirus (COVID-19) Update: FDA Reiterates Warning About Dangerous Alcohol-Based Hand Sanitizers Containing Methanol, Takes Additional Action to Address**

dangers of drinking methanol-contaminated hand sanitizer (report ID: 647060, 664315). Although hand sanitizers are for external use only, several articles report cases of adults and children ingesting methanol-contaminated hand sanitizers. In some cases this led to adverse events such as blindness, hospitalizations and death (report ID: 631846). In New Mexico (United States) seven people experienced “serious health events” (report ID: 638252). Since May, 4 people died and 26 were hospitalized in Arizona after ingesting hand sanitizers with methanol (report ID: 652175).

The recall of a product can be linked to the brand or just to one specific third-party manufacturer of that product. For example in July the US FDA advised consumers to stop using Greenbrier International’s ‘Assured Instant Hand Sanitizers’ made in Mexico (report ID: 647620). Greenbrier International launched a recall for their products made in Mexico but did not simultaneously recall those made in China, which might have been confusing for consumers. In November 2019, the US FDA expressed its concerns on “*a pattern of drug manufacturers with serious cGMP violations*” in Greenbrier International’s supply chain.

In India the Punjab’s FDA warned the public against the use of 10 brands of hand sanitizers adulterated with methanol (report ID: 632796). The methanol content ranged from 7.05% to over 95%. In the United Kingdom (UK) a recall was launched for a substandard hand sanitizer sold on eBay (report ID: 649060). It contained an insufficient amount of ethanol and propan-2-ol, and contained methanol without proper labelling. Also in Australia several SF-products were found (report ID: 649060). One product contained the wrong ingredient, labelled as 80% iso-propanol but actually was mostly n-propanol. Another product contained ineffective amount of active ingredient: “AIR Clean” was labelled as containing 70% alcohol but contained only 23%. In Bangladesh, the Drug Administration reminded that permission is mandatory in order to manufacture hand sanitizers (report ID: 640085). They seized products, many of which were manufactured without any laboratory or chemist involved. Often falsified hand sanitizers contained only coloured water mixed with spirit. In Hong Kong bottles of SF disinfectant alcohol were seized (report ID: 631853).

6.5.2 Personal Protective Equipment

Seizures of SF PPE continued across the globe. For example the Mumbai police seized falsified respirators, which were stated as produced in Delhi and were sold to chemists at increased prices (report ID: 667990). In Bangladesh (report ID: 632796) and Hong Kong (report ID: 631853) seizures of SF PPE were performed. An article reported seizures in the Philippines from March, up to the end of May, of masks, gloves, goggles, and other supplies (report ID: 632428).

Furthermore, the Kenya Bureau of Standards alerted on SF medical face masks labelled as manufactured by Wandas General Supplies, Arax Mills limited and Hela Intimates EPZ (report ID: 665823). Health Canada launched a warning to consumers about falsified respirators, providing a list to facilitate identification of falsified products and emphasising the risk of using respirators which do not protect against the virus (report ID: 637043).

A company in the USA provided an analysis of falsified KN95 masks (report ID: 647786). On a sample of 11 falsified KN95 mask, 8 were stated as manufactured in China. Seventy-three percent of the falsified masks failed testing's with only 63% filtration efficiency.

An article by the Organized Crime and Corruption Reporting Project (OCCRP) reported extensively on PPE sold throughout Europe using meaningless CE marks and documents on SF masks (report ID: 631077). Misleading certification issued by authentic registered companies was allegedly used in at least 19 countries including Estonia, Lithuania, Malta, Netherlands, Portugal, and Sweden. Many of these meaningless documents were allegedly issued by the Ente Certificazione Macchine (ECM), a recognized European notified body for some medical devices and other goods but not for PPE. The ECM certificates can give the client a false sense of CE approval of the PPE, as only the small print indicates that the ECM is not involved in the certification process. Similar problems were encountered with ICR Polska documentation: the Poland based notified body issued certificates for PPE that were sold in Austria, UK and Finland. On top of this, criminals have made falsified certificates for PPE claiming to be issued by ECM and ICR Polska.

Governments facing problems with substandard or falsified masks and respirators.

In the first issue of this report we summarised reports that several governments had procuring SF masks and respirators. The Hong Kong government appears to have been affected: "Medicom" surgical masks procured in the beginning of March turned out to be falsified products (report ID: 631853). Although the masks passed local safety tests, the colour was lighter compared to the genuine product and inferior material was used for the nose bridge.

An article reported several problems with masks and respirators in the UK (report ID: 630105): passed expiry dates, surgical masks from Cardinal with risk of flaking of the foam strip and 3M respirators with signs of degradation. In March, the UK Department of Health and Social Care took the decision to no longer distribute Cardinal-respirators after problems with fit testing. But in June the same respirators were reported to still being used. The national stock pile of PPE was reported to be of substandard quality, the process to release them for use was allegedly not sufficient.

Workforce facing COVID-19

Doctors in a hospital in Bangladesh expressed safety concerns about PPE (report ID: 656006). They had doubts on the quality of the respirators and regarded them as falsified due to spelling errors on the masks, straps that came off when putting the respirator on, and an unusual physical aspect.

In the 1st issue of this report several articles warned about alleged SF PPE reaching health care workers in India. In July the media brought further insight to these events. In Telangana state many frontline workers became infected with COVID-19 (report ID: 637145). Several doctors and nurses resigned or took temporary leave from their profession fearing for their safety due to substandard PPE. In Maharashtra state a panel confirmed that the PPE delivered in March and April to several hospitals were of substandard quality (report ID: 651029). The purchase process allegedly contained many irregularities. Following the complaint of health care workers on the quality of PPE kits in Punjab, officials were removed from their posts (report ID: 633611).

The high demand for PPE during the COVID-19 pandemic has not only affected health care workers, but also affected other sectors that routinely use PPE to protect their workers. For example coal

mine workers wear protective masks to filter fine dust since prolonged exposure can lead to lung disease. However, in an Australian coal mine, SF-masks have been found: out of five samples, two had a 0% pass rate for facial seals (report ID: 668128). Unaccredited testing facilities had provided the paperwork for the falsified masks.

6.6 COVID-19 trial medicines

There is a plethora of clinical trials of repurposed and investigational antiviral and immune-based COVID-19 therapies including, but not limited to hydroxychloroquine/chloroquine, azithromycin, antivirals (such as lopinavir&ritonavir, favipiravir, umifenovir, remdesivir), immunomodulators (such as tocilizumab, sarilumab, baricitinib, rexolitinib, anakinra, interferon), vitamin C and D, corticosteroids (such as dexamethasone and methylprednisolon) and colchicine^{14,15,16}.

Dexamethasone and remdesivir

Until now only dexamethasone and remdesivir have shown beneficial effect in clinical trials of the treatment of COVID-19 patients. On July 10th WHO published the “1st Invitation to Manufacturers of therapeutics against COVID-19 to submit an Expression of Interest (EOI) for Product Evaluation to the WHO Prequalification Unit”¹⁷. Due to a high demand, it is to be expected that multiple substandard and falsified versions of these products will circulate soon. The MQM globe did not hold reports of falsified remdesivir. However, several media report genuine remdesivir sold at high prices on the black market in India (report ID: 667788). In a pharmacy, 86 vials of remdesivir were seized, allegedly destined to be sold illegally¹⁸. The quality of the product could not be assured since the vials were not stored as per instructions between 2-8°C. In Nigeria, a shipment coming from India with falsified dexamethasone was seized (report ID: 688325¹⁹). It is the first report on falsified dexamethasone identified by the MQM Globe since mid June, when results from the RECOVERY trial were released showing benefits for critically ill COVID-19 patients. In Ghana a seizure was performed of dexamethasone sold as herbal analgesic “dompe dompe” (report ID: 664063).

Chloroquine & Hydroxychloroquine

In Mexico Sanofi-Aventis alerted about falsified Plaquenil 200mg (report ID: 645609). The product did not contain hydroxychloroquine and the primary and secondary packaging were different from those of the genuine product, with poor quality printing and different font colour. An article reported in

¹⁴ World Health Organisation. Clinical management of COVID-19: <https://www.who.int/publications/i/item/clinical-management-of-covid-19>

¹⁵ World Health Organisation. International Clinical trials Registry Platform, viewed 14 August 2020, <https://www.who.int/ictrp/en/>

¹⁶ Infectious Disease Data Observatory. Covid-19 Clinical Trials Interactive Tool, viewed 14 August 2020, <https://www.iddo.org/tool/covid-19-clinical-trials-interactive-tool>

¹⁷ World Health Organisation. 1st Invitation to Manufacturers of therapeutics against COVID-19 to submit an Expression of Interest (EOI) for Product Evaluation to the WHO Prequalification Unit, viewed 14 August 2020, https://extranet.who.int/prequal/sites/default/files/documents/EOI-COVID-19_v1.pdf

¹⁸ Express pharma. Haryana FDA seizes 86 remdesivir vials to foil black marketing attempt, Sharma U, viewed 13 August 2020, <https://www.expresspharma.in/covid19-updates/haryana-fda-seizes-86-remdesivir-vials-to-foil-black-marketing-attempt/>

¹⁹ BBC News. Fake pharmaceutical industry thrives in West Africa, viewed 16 August 2020, <https://www.bbc.com/news/world-africa-53387216>

July about additional seizures in Cameroon of 240 cartons of falsified chloroquine (report ID: 651447).

Immunomodulators

In India falsified tocilizumab injections were detected (report ID: 653142; 667788). A doctor alerted the Gujarat's FDA on ineffective Actemra 250mg, said to be manufactured by Genic Pharma. Securing Industry reported on two Ukrainian men who admitted selling falsified pembrolizumab in the US²⁰. The men were already in custody since 2019 but the case shows the existing risk of falsifications of high-value pharmaceutical products. Both tocilizumab and pembrolizumab are currently being trialed for their use in COVID-19 patients; if they are shown to be efficacious more SF products can be expected.

Other trial medicines

The Indian CDSCO released the results of their monthly routine quality tests. Some of the medicines that failed testing have the same active pharmaceutical ingredients as COVID-19 trial medicines. In June samples of telmisartan, amoxicillin-potassium clavulanate, and calcium with vitamin D3 failed tests (report ID: 658934).

At the end of June, United States (US) Customs and Border Protection seized sildenafil tablets that were illegally brought into the US (report ID: 664310). Dexmedetomidine, an injectable sedative drug, is one of the drugs with increased demand during the COVID-19 outbreak. The drug has been in shortage in the US since beginning of April²¹. In July Fresenius Kabi recalled two lots in the US due to cross-contamination with lidocaine (report ID: 659370).

7 Annexes

The annexes contain the reports generated by the MQM-Globe using pre-defined search terms. The report IDs (six digits code) discussed in section 6 'Lay literature' are detailed in the annexes.

7.1 Vaccines

7.2 COVID-19 diagnostics

7.3 Personal Protective Equipment including sanitizers

7.4 COVID-19 trial medicines

²⁰ Securing Industry. **Ukrainians admit selling fakes of Merck's Keytruda in US**. Taylor P, viewed 13 August 2020, <https://www.securindustry.com/pharmaceuticals/ukrainians-admit-selling-fakes-of-merck-s-keytruda-in-us/s40/a12013/#.XzVWOigzawU>

²¹ US Food and Drug Administration. **FDA Drug Shortages**, viewed 10 August 2020, https://www.accessdata.fda.gov/scripts/drugshortages/dsp_ActiveIngredientDetails.cfm?AI=Dexmedetomidine%20Injection&st=c

7.1 Vaccines

Medicine Quality Monitoring Globe

August 20, 2020



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Non-Curated reports are those that have been automatically flagged as relevant by the system but have not been manually curated by the curators.

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Search vaccine AND (COVID-19 OR COVID OR SARS-CoV-2 OR CV OR Coronavirus OR CV19 OR CV-19 OR SARS OR CoV-2)

Start date	2020-07-01
End date	2020-07-31
Language	en
Number of Reports	1

1 US attorney shuts down Louisville man's website advertising fake coronavirus vaccine

Publication date	2020-07-13
Create date	2020-07-19
Score	20.86
Report id	646267
Category	Vaccine
Quality	Falsified
Source	Website(s)
Curation	Manually curated

Snippet: US attorney shuts down Louisville man's website advertising fake coronavirus vaccine
Courier Journal

Click here to see the [Original Article](#)

Table 1: Places for report 646267

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Louisville	38.25424	-85.75941

Table 2: Drugs for report 646267

Medicine Name	Medicine Class	Action	ATC Code
			J07

Notes: A Louisville man has been ordered to stop operating web pages that advertised a coronavirus vaccine in exchange for Bitcoin and destroy his business records, according to court records.

U.S. Attorney Russell Coleman's office took Luke John Flint of Louisville to court over the web pages and their offer to trade \$100 in Bitcoin for a pre-order coronavirus vaccine.

There is no COVID-19 vaccine, according to the Centers for Disease Control.

But Flint, Coleman has alleged, registered several GoDaddy domain names to advertise one anyway. Those domains include coronavaccine.center, coronavaccine.today, coronatesting.site, coronatesting.center, coronavaccine.shop and coronavaccine.club, according to court records. [...]

7.2 COVID-19 diagnostics

Medicine Quality Monitoring Globe

August 20, 2020



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Search ("RDT" OR "lateral flow assay" OR "LFA" OR "rapid diagnostic test" OR "antigen test" OR "test cassette" OR "Reverse Transcription Polymerase Chain Reaction" OR "cassette test" OR "coronavirus rapid test kit" OR "RT-PCR" OR "testing kit" OR "qPCR" OR "antibody test" OR "PCR" OR "polymerase chain reaction" OR "ELISA") AND ("COVID-19" OR "COVID" OR "SARS-CoV-2" OR "CV" OR "Coronavirus" OR "CV19" OR "CV-19" OR "SARS" OR "CoV-2" OR "viral corona")

Start date	2020-07-01
End date	2020-08-21
Language	en
Number of Reports	6

1 Private hospitals, pharmacies told to stop selling fake COVID-19 tests

Publication date	2020-07-13
Create date	2020-07-16
Score	35.89
Report id	645369
Category	Medical device for screening/dia
Quality	Falsified
Source	Hospital pharmacy
Curation	Manually curated

Snippet: Private hospitals, pharmacies told to stop selling fake COVID-19 tests Malawi24

Click here to see the [Original Article](#)

Table 1: Places for report 645369

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Malawi	Malawi	-13.5	34

Notes: According to chairperson of the taskforce John Phuka, the Ministry of Health has received reports that some private hospitals and pharmacies are providing or selling rapid antibody tests for COVID-19 as a way of diagnosing COVID-19 disease.

He said the Ministry of Health discourages the use of rapid antibody tests as a diagnostic tool for COVID-19. Phuka added that currently, in Malawi, there is no approved rapid antibody test for the diagnosis of COVID-19 in Malawi.

”Rapid antibody tests are used to detect past infection of the virus as opposed to molecular tests (PCR and GeneXpert technologies) that detect presence of coronavirus during the early and active phase of the infection,” said Phuka. [...]

2 Thousands of counterfeit, unapproved COVID-19 items discovered at area ports

Publication date	2020-08-07
Create date	2020-08-10
Score	19.80
Report id	679747
Category	Medical device for screening/dia, Medical devices for disease prev, Anti-malarial
Quality	Diverted/Unregistered
Source	Seaport
Curation	Manually curated

Snippet: Thousands of counterfeit, unapproved COVID-19 items discovered at area ports
wmar2news.com

Click here to see the [Original Article](#)

Table 2: Places for report 679747

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Washington, D.C.	38.89511	-77.03637

Table 3: Drugs for report 679747

Medicine Name	Medicine Class	Action	ATC Code
hydroxychloroquine	Aminoquinolines	antimalarials	P01BA02

Table 4: Other Stories

ID	Title	Link
684870	Counterfeit COVID-19 products seized in DC - KTAB	Link
682086	Counterfeit COVID-19 medication, test kits, face masks seized in Washington D.C.	Link
679803	Counterfeit COVID-19 products seized in DC	Link
680618	U.S. Customs seizes counterfeit or unapproved COVID-19 supplies bound for Pa., N.J. (PHOTOS)	Link
682673	CBP Baltimore field office continues to seize unapproved and counterfeit COVID-19 products	Link

Notes: U.S. Customs and Border agents have intercepted another large haul of counterfeit or unapproved COVID-19 supplies including test kits, medication and face masks.

The most recent seizure was made at the Port of Washington, D.C., where nearly 1,200 pills, including Hydroxychloroquine sulfate, and 100 unapproved test kits were recovered over the last two weeks. [...]

3 FDA warns labs of COVID-19 test with false positive results

Publication date	2020-07-08
Create date	2020-07-30
Score	19.04
Report id	666407
Category	Medical devices for disease prev
Quality	Substandard
Source	Unknown
Curation	Manually curated

Snippet: FDA warns labs of COVID-19 test with false positive results WKMG News 6 & ClickOrlando

Click here to see the [Original Article](#)

Table 5: Places for report 666407

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5

Notes: The Food and Drug Administration is warning labs and healthcare providers that a common COVID-19 test is providing false positive results.

The BD Max System COVID-19 diagnostic test from Becton Dickinson is showing an error rate of 3% false positives. [...]

4 Counterfeit COVID-19 Medication, PPE Seized At Local Ports, Including Baltimore

Publication date	2020-08-07
Create date	2020-08-10
Score	18.37
Report id	679888
Category	Medical device for screening/dia, Medical devices for disease prev
Quality	Falsified
Source	Seaport
Curation	Manually curated

Snippet: Counterfeit COVID-19 Medication, PPE Seized At Local Ports, Including Baltimore
CBS Baltimore

Click here to see the [Original Article](#)

Table 6: Places for report 679888

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Baltimore	39.29038	-76.61219

Table 7: Drugs for report 679888

Medicine Name	Medicine Class	Action	ATC Code
hydroxychloroquine	Aminoquinolines	antimalarials	P01BA02

Notes: U.S. Customs and Border Protection agents recently seized counterfeit or unapproved COVID-19 medication and PPE from ports in the region, including Baltimore.

They found hydroxychloroquine, unapproved test kits and face masks with counterfeit logos on them. Since June, CBP agents have seized 2,148 pills, such as Hydroxychloroquine sulfate and Lianhua Qingwen, 792 N95 respirator masks and other counterfeit branded face masks, and 482 COVID-19 tests and diagnostic kits. [...]

5 City Hospital Closed Over 'Fake Covid-19 Tests' [VIDEO]

Publication date	2020-07-09
Create date	2020-08-07
Score	15.26
Report id	640370
Category	Medical device for screening/dia
Quality	Falsified
Source	Private pharmacy
Curation	Manually curated

Snippet: City Hospital Closed Over 'Fake Covid-19 Tests' [VIDEO] Kenyans.co.ke

Click here to see the [Original Article](#)

Table 8: Places for report 640370

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Kenya	Nairobi	-1.28333	36.81667

Table 9: Other Stories

ID	Title	Link
640773	Lang'ata Hospital Lab Shut Down For Carrying Out Fake COVID-19 Tests	Link
642349	Lang'ata Hospital Responds To Reports Of Fake Covid-19 Tests, Closure Of Its Labs	Link

Notes: A Director of Lang'ata Hospital, Dr. Ashoke Singh Matharu, was charged with stocking unvalidated and expired laboratory reagents. The director was arraigned alongside three other hospital officials: Muffadal Ammar HassamJee (operations manager) and Herbert Cheruiyot Charles (lab technician) and Beatrice Awino (lab technician). They were also accused of using unvalidated laboratory reagents contrary to stipulated health directives. The four suspects pleaded not guilty: Director Ashoke and Muffadal Ammar were released on a cash bail of Ksh. 100,000 shillings each. The other two were released on Ksh. 50,000 cash bail each. The suspects will appear in court on August 5 for another mention [...] [testing kit] [Covid-19]

6 Half of CDC Coronavirus Test Kits Are Inaccurate, Study Finds

Publication date	2020-07-18
Create date	2020-08-07
Score	13.26
Report id	678079
Category	Medical device for screening/dia
Quality	Substandard
Source	Manufacturer
Curation	Manually curated

Snippet: Half of CDC Coronavirus Test Kits Are Inaccurate, Study Finds MSN Money

Click here to see the [Original Article](#)

Table 10: Places for report 678079

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Connecticut	41.66704	-72.66648

Notes: [...] According to a July 17 study published in the International Journal of Geriatrics and Rehabilitation, 50 percent of nucleic acid coronavirus tests distributed by the Centers for Disease Control and Prevention (CDC) provided inaccurate results. The study's lead author, Sin Hang Lee, MD, director of Milford Molecular Diagnostics Laboratory, found that the testing kits gave a 30 percent false-positive rate and a 20 percent false-negative rate.

To determine these false-positive and false-negative rates, the Connecticut State Department of Public Health Microbiology Laboratory provided Lee 20 tests, which were then re-tested using his own methodology, which examines samples on a cellular level, rather than just testing fluid with no cellular matter from potentially infected oral and nasal secretions. [...]

7.3 Personal Protective Equipment including sanitizers

Medicine Quality Monitoring Globe

August 20, 2020



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Search "Personal protective equipment" OR "disinfectant" OR "PPE"
OR "santiser" OR "sanitizing" OR "apron" OR "iodoform" OR "n95" OR "gowns" OR
"visor" OR "gloves" OR "goggles" OR "sanitizer" OR "respirator" OR "mask"

Start date 2020-07-01

End date 2020-07-31

Language en

Number of Reports 32

1 Customs seized P244-M smuggled PPEs, medical supplies from March to May DOF

Publication date	2020-07-02
Create date	2020-07-06
Score	41.94
Report id	632428
Category	Medical devices for disease prev
Quality	Substandard or Falsified
Source	Other
Curation	Manually curated

Snippet: Customs seized P244-M smuggled PPEs, medical supplies from March to May DOF
GMA News

Click here to see the [Original Article](#)

Table 1: Places for report 632428

Region Name	Country	Location	Latitude	Longitude
South-Eastern Asia	Philippines	Manila	14.6042	120.9822
South-Eastern Asia	Philippines	Pasay City	14.55	121

Table 2: Other Stories

ID	Title	Link
639039	DOF: P244-M worth of smuggled PPEs, medical supplies seized by Customs from March to May - UNTV News	Link
641857	BOC seizes fake PPE, medical supplies smuggled from China	Link
648277	BOC seizes fake PPE, medical supplies smuggled from China	Link
654736	BOC seizes P2.6-M worth of fake cigarettes - UNTV News	Link
632497	DOF: P244-M worth of smuggled PPEs, medical supplies seized by Customs from March to May - UNTV News	Link

Table 2: Other Stories(continued)

ID	Title	Link
632756	BOC seizes fake PPE, medical supplies smuggled from China	Link
632539	Mostly from China: P244-M worth of smuggled PPEs, fake medicines seized during height of COVID-19 lockdown	Link

Notes: The Bureau of Customs (BOC) has confiscated P244 million-worth of smuggled, unregistered or counterfeit personal protective equipment (PPEs) and other medical supplies since late March up to the end of May, parent agency Department of Finance (DOF) said Friday.

advertisement In a statement, the DOF said the P244 million worth of smuggled PPEs and other medical supplies were seized from March 25 to May 31 as part of the BOC's ongoing "efforts to stop the illegal importation, storage and hoarding of goods deemed essential to the fight against the coronavirus disease 2019 (COVID-19)." [...] P5 million worth of masks, gloves, goggles, alcohol, thermal scanners, test tubes and syringes under the name of Philmed Dynasty Supplies Corp. based in Binondo, Manila;

An estimated P30 million-worth of various PPEs, such as gloves, masks, and googles under the name of ELJ1 Medical Shop based in Sta. Cruz, Manila; and An estimated P9 million-worth of various PPEs, such as gloves, masks, goggles from the Medical Outlet based in Rizal Avenue, Manila. An estimated P80 million-worth of various PPEs, such as gloves, masks, goggles, medicines, and foodstuffs from an establishment located at HK Sun Plaza, Macapagal Blvd., Pasay City. An estimated P400,000-worth of various medical supplies and medicines from Ton Ren Tang Chinese Medication, Binondo, Manila. An estimated P50 million-worth of various medical equipment and supplies from Omnibus Biomedical Systems. "The cases involving these smuggled or unregistered products are now the subject of forfeiture proceedings by the BOC before the law division of the Manila International Container Port (MICP)," Guerrero said. [...]

2 FDA Issues New Warning About 86 Dangerous Hand Sanitizers

Publication date	2020-07-23
Create date	2020-08-03
Score	20.35
Report id	669038
Category	Antiseptic
Quality	Substandard or Falsified
Source	Unknown
Curation	Manually curated

Snippet: FDA Issues New Warning About 86 Dangerous Hand Sanitizers NECN.com

Click here to see the [Original Article](#)

Table 3: Places for report 669038

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102
Americas	United States	United States	39.76	-98.5

Table 4: Drugs for report 669038

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 5: Other Stories

ID	Title	Link
673538	How to tell if your hand sanitizer is safe and not on FDA's growing list of toxic brands to avoid	Link
674060	FDA's list of dangerous hand sanitizers has now grown to more than 100	Link
670995	FDA updates on hand sanitizers consumers should not use - 2020-07-31	Link
677152	Hand Sanitizer Recall List Expands; Wisconsin Poison Calls Go Up	Link

Table 5: Other Stories(continued)

ID	Title	Link
675627	FDA Lists More Than 100 Potentially Toxic Hand Sanitizers After Latest Recall	Link
677170	Number of Faulty Hand Sanitizers Up to 101	Link
673078	FDA's Do-Not-Use These Hand Sanitizers List Now at More Than 100 Products	Link
676166	Here's a list of hand sanitizers that the FDA says you should avoid using	Link
675421	FDA list of 100 hand sanitizers to avoid, may contain methanol	Link
669536	FDA further expands list of hand sanitizers to avoid due to methanol risk with more added to 'import alert'	Link
679779	The FDA's List of Recalled Hand Sanitizers Has Grown Past 100 Products	Link
671846	FDA's list of hand sanitizers to avoid grows again with more than 100 identified that may contain methanol	Link
674942	FDA Adds to List of Toxic Hand Sanitizers, Warns About Use of at Least 80	Link
674178	FDA's list of dangerous hand sanitizers grows to more than 100	Link
678028	FDA issues new warning to avoid nearly 90 hand sanitizers that may contain methanol	Link
672399	FDA hand sanitizer warnings: Toxic ingredient found in these brands	Link
659856	FDA Updates on Hand Sanitizers with Methanol — FOX 28 Spokane	Link
684194	FDA's list of dangerous hand sanitizers grows to more than 100	Link
673705	FDA Adds to List of Potentially Dangerous Hand Sanitizers	Link
672429	Is your hand sanitizer one of 75 recalled by the FDA?	Link
669130	FDA Urges Disposal of Contaminated Sanitizer; One Brand Sold at Area Retailer	Link
676822	FDA list of recalled hand sanitizers balloons to more than 100	Link
672733	FDA's list of hand sanitizers to avoid grows again with more than 100 identified that may contain methanol	Link
674525	FDA Warns About Use of Some Hand Sanitizers — WBBM-AM	Link
675569	The FDA Now Warns Against Using More Than 100 Hand Sanitizers	Link
675570	FDA Warns About Use of Some Hand Sanitizers — WCBS Newsradio 880	Link
678134	FDA, sanitizers, methanol	Link
670714	Which Hand Sanitizers Are Being Recalled? 94 Products Are on the FDA's List	Link

Notes: [...] By late July, several other hand sanitizers produced in Mexico were also recalled, including:

Shine and Clean Hand Sanitizer, manufactured by Maquiladora Miniara, SA de CV DAESI hand sanitizer, manufactured by Yara Elena De La Garza Perez Nieto Hand sanitizer (labeled with Wet Look Janitorial and Gardening Corp.), manufactured by Soluciones Cosmeticas SA de CV Hand Sanitizer Disinfectant Gel 70% Ethyl Alcohol (labeled with Resource Recovery & Trading LLC), manufactured by MXL Comercial SA de CV In total, there are currently 101 types of hand sanitizer listed on the FDA's site. [...]

3 Another recall of potentially toxic hand sanitizers sold nationwide

Publication date	2020-07-27
Create date	2020-07-29
Score	20.34
Report id	664315
Category	Antiseptic
Quality	Substandard
Source	Unknown
Curation	Manually curated

Snippet: Another recall of potentially toxic hand sanitizers sold nationwide KX NEWS

Click here to see the [Original Article](#)

Table 6: Places for report 664315

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102
Americas	United States	United States	39.76	-98.5

Table 7: Drugs for report 664315

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 8: Other Stories

ID	Title	Link
668676	FDA Expands Recall On Hand Sanitizers Sold Nationwide	Link
664630	COVID-19: List Of Hand Sanitizers To Avoid Now Nears 90, FDA Says In New Warning	Link
664704	Feds seize fake Gucci, Chanel products, erectile dysfunction pills at LA airport	Link
678075	Another recall of potentially toxic hand sanitizers sold nationwide	Link

Notes: The Food and Drug Administration's list of potentially toxic hand sanitizers continues to grow, with the agency on Friday announcing the recall of four more products sold nationwide at retailers including Walmart and Target.

The recall, by Real Clean Distribuciones of La Loma, Tlalnepantla, Mexico, involves the following sanitizer brands:

Born Basic ANTI-BAC HAND SANITIZER Scent Theory KEEP CLEAN Moisturizing Hand Sanitizer Scent Theory KEEP IT CLEAN Moisturizing Hand Sanitizer Lux Eoi Hand Sanitizing Gel to the consumer level [...]

4 Hand sanitizer made by a U.S. distillery labeled toxic by FDA because it contains methanol

Publication date	2020-07-28
Create date	2020-07-29
Score	20.09
Report id	665628
Category	Antiseptic
Quality	Substandard
Source	Unknown
Curation	Manually curated

Snippet: Hand sanitizer made by a U.S. distillery labeled toxic by FDA because it contains methanol PennLive

Click here to see the [Original Article](#)

Table 9: Places for report 665628

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Tennessee	35.75035	-86.25027

Table 10: Drugs for report 665628

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Notes: The U.S. Food and Drug Administration's list of potentially toxic hand sanitizers grows daily and now includes a product made in the United States.

Hand sanitizer made by Leiper's Fork Distillery in Tennessee is being recommended for recall by the FDA because the product label indicates it contains methanol - also known as wood alcohol - which is toxic. Leiper's Fork, according to the FDA, sold the bulk disinfectant in 5-gallon jugs and 16-ounce bottles. [...] Other recent additions to the FDA list are:

Herbacil Antiseptic Hand Sanitizer 70 percent alcohol, manufactured by Broncolin, SA de CV (Mexico) and distributed by INBC Trading. Was tested by the FDA and found to contain methanol.

Jaloma Antiseptic Hand Sanitizer Ethyl Alcohol 62 percent with Vitamin E, manufactured by Laboratorios Jaloma, SA de CV (Mexico). The sanitizer was tested by the FDA and found to

contain methanol.

5 FDA's Expands List of Toxic' Hand Sanitizers to Avoid

Publication date	2020-07-13
Create date	2020-07-16
Score	19.73
Report id	645541
Category	Antiseptic
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: FDA's Expands List of Toxic' Hand Sanitizers to Avoid NBC New York

Click here to see the [Original Article](#)

Table 11: Places for report 645541

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102
Americas	United States	United States	39.76	-98.5

Table 12: Drugs for report 645541

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 13: Other Stories

ID	Title	Link
658697	FDA Sees Sharp Increase in Hand Sanitizers With Methanol	Link
646925	More hand sanitizers recalled after possible presence of undeclared methanol	Link
647439	FDA expands list of hand sanitizer products with methanol	Link
645907	FDA Warns Against Contaminated Hand Sanitizer	Link
656661	FDA adds more hand sanitizers to list of toxic brands	Link
647189	FDA releases list of unsafe hand sanitizers	Link

Table 13: Other Stories(continued)

ID	Title	Link
646200	FDA expands list of potentially dangerous hand sanitizers	Link
652600	FDA Adds 5 More Products to Growing List of Toxic' Hand Sanitizers	Link
646211	Hand-sanitizer recall expands, including one sold at BJ's	Link
652878	Multiple brands of hand sanitizer recalled or should be avoided due to methanol risk, FDA says. See the list.	Link
659802	Better Business Bureau warning businesses of methanol contamination in certain sanitizing products	Link
664157	FDA expands list of hand sanitizers to avoid due to methanol risk with more being recommended for recall	Link
656751	Tainted hand sanitizers pose ongoing threat to consumer health	Link
660847	FDA adds to list warning of potentially toxic hand sanitizers	Link
647553	These are the Hand Sanitizers the FDA Wants You to Avoid	Link
668557	FDA adds more hand sanitizers to list of toxic brands	Link
669590	Hand sanitizer recall: FDA expands list of toxic' sanitizers to avoid over methanol risk	Link
665250	FDA Warns Public Of Potentially Toxic Hand Sanitizer Brands	Link
655266	Hand sanitizer recall: FDA expands list of toxic' sanitizers to avoid over methanol risk	Link
646076	FDA Warns Public Of Potentially Toxic Hand Sanitizer Brands	Link
673753	(Exclusive) FDA Warns Against Contaminated Hand Sanitizer	Link
668123	FDA adds to list warning of potentially toxic hand sanitizers	Link
645854	FDA adds more to list of hand sanitizers containing toxic substance methanol	Link
650465	14 hand sanitizers to avoid, according to FDA	Link
647397	FDA adds 46 hand sanitizers to list of 'toxic' products positive for methanol	Link
646142	FDA: Avoid Hand Sanitizers Containing Methanol or Wood Alcohol	Link

Notes: [...] The Food and Drug Administration has added dozens of hand sanitizers to a growing list of products that tested positive for methanol contamination.

Methanol, sometimes called wood alcohol, is not a suitable ingredient for hand sanitizers and can prove "toxic" when absorbed through the skin or ingested, according to the FDA.

There are now 59 varieties of hand sanitizers in the FDA's updated list of toxic products. According to the agency's July 10 update, some of the products have already been recalled and others are being recommended for recalls. All of the sanitizers flagged by the FDA appear to have been produced in Mexico.

The agency warned it has seen a sharp increase in the number of hand sanitizer products that are labeled to contain ethanol, but have tested positive for methanol. It also advised consumers to be vigilant about products that falsely claim to prevent the spread of the coronavirus or are marked as "FDA-approved," since there are no hand sanitizers approved by FDA. [...]

6 GMC Amritsar Principal, Vice Principal removed on allegations of faulty, substandard PPE kits

Publication date	2020-07-02
Create date	2020-07-06
Score	19.52
Report id	633611
Category	Medical devices for disease prev
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated

Snippet: GMC Amritsar Principal, Vice Principal removed on allegations of faulty, substandard PPE kits Medical Dialogues

Click here to see the [Original Article](#)

Table 14: Places for report 633611

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Amritsar	31.62234	74.87534

Table 15: Other Stories

ID	Title	Link
631599	Amid PPE kits scam, Amritsar govt medical college principal, vice-principal removed	Link
630703	PPE kit scam: Amritsar Medical College top brass removed	Link

Notes: [...] Following the allegations of providing faulty and substandard personal protective equipment (PPE) kits to the health workers; the principal, the Vice Principal, and the Nodal Officer of COVID-19 Ward of the Government Medical College Amritsar (GMC Amritsar) have been removed from their posts in the public interest. [...] Dr. Sharma and vice principal Dr. Veena Chatrath were reportedly involved in ordering and procuring PPE kits which turned out to be substandard, reports the Week, however talking to HT, Dr Sharma said, "The PPE kits were purchased by the medical superintendent. The GMC authorities are not responsible for buying any equipment for the hospital." [...]

7 FDA warns consumers of risk of methanol contamination in certain hand sanitizers

Publication date	2020-07-14
Create date	2020-07-20
Score	19.52
Report id	647060
Category	Antiseptic
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated

Snippet: FDA warns consumers of risk of methanol contamination in certain hand sanitizers
Temple Daily Telegram

Click here to see the [Original Article](#)

Table 16: Places for report 647060

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102
Americas	United States	United States	39.76	-98.5

Table 17: Drugs for report 647060

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 18: Other Stories

ID	Title	Link
652551	FDA adds to list warning of potentially toxic hand sanitizers	Link
668178	FDA expands hand sanitizer recall to at least 75 brands across the U.S.	Link
666397	Toxic hand sanitizers: FDA warns 75 brands may be dangerous	Link
659746	FDA recalled more than 75 toxic hand sanitizers	Link

Table 18: Other Stories(continued)

ID	Title	Link
661036	FDA Warns About Use of at Least 75 Toxic Hand Sanitizers	Link
660014	RECALL ROUNDUP: FDA expands hand sanitizer recall; Ford issues recalls for 26000 vehicles	Link
662063	FDA expands list of potentially contaminated hand sanitizers to 77	Link
660532	COVID-19 danger: List of possibly TOXIC hand sanitizers now up to 77; See the products FDA wants people to avoid	Link
668228	These 75 Hand Sanitizers Have Been Recalled By The FDA For Methanol Contamination	Link
647496	FDA warns of dozens more hand sanitizers to avoid, growing list to 59	Link
659535	The FDA's list of toxic sanitizers is surging now at 75. Here's why	Link
664923	FDA warns of more than 70 hand sanitizer products containing methanol	Link
673126	More hand sanitizers recalled after possible presence of undeclared methanol	Link
660583	The FDA expands its warning list of toxic hand sanitizers, but there are red flags you can look for	Link
659823	Toxic sanitizer sold at retailers across Rochester area	Link
658312	FDA recalls hand sanitizers contaminated with toxic substance	Link
655759	FDA Named 75 Hand Sanitizers Contaminated with Toxic Substance Methanol	Link
653977	FDA Recalls Certain Hand Sanitizers Due Methanol Contamination	Link
668318	FDA expands toxic hand sanitizer list	Link
660410	FDA warns consumers of risk of methanol contamination in certain hand sanitizers	Link
658877	FDA Warns of Dozens More Hand Sanitizers to Avoid, Growing List to 75	Link
674749	FDA Says Avoid These 9 Hand Sanitizers That Contain Toxic Methanol	Link
666053	Dozens of hand sanitizers contain a toxic ingredient. How do you know yours is safe?	Link
647626	FDA expands list of potentially deadly toxic hand sanitizers	Link
660171	Dozens of hand sanitizers are potentially toxic, FDA warns	Link
666059	FDA expands list of recalled hand sanitizers	Link
647628	FDA flags over 60 hand sanitizers brands for recall that contain toxic substance Methanol	Link

Table 18: Other Stories(continued)

ID	Title	Link
658637	Dollar Tree has pulled potentially deadly sanitizer from its shelves	Link
647117	Hand sanitizers to avoid: Food and Drug Administration warns of methanol content	Link
655590	FDA Warns Public Of Potentially Toxic Hand Sanitizer Brands	Link
660711	COVID-19: List Of Hand Sanitizers To Avoid Grows To More Than 75, FDA Says In New Warning	Link
659691	Toxic hand sanitizers: FDA warns 75 brands may be dangerous	Link
659700	FDA expands list of recalled hand sanitizers	Link
659956	Here's the list of hand sanitizers recalled by the FDA because they might be toxic	Link
659959	FDA expands list of potentially dangerous hand sanitizers	Link

Notes: The FDA is warning consumers and health care providers that the agency has seen a sharp increase in hand sanitizer products that are labeled to contain ethanol (also known as ethyl alcohol) but that have tested positive for methanol contamination. Methanol, or wood alcohol, is a substance that can be toxic when absorbed through the skin or ingested and can be life-threatening when ingested.

Many of the products that contain methanol were made in Mexico. These products include Blumen Clear Advanced Hand Sanitizer, KLAR AND DANVER Instant Hand Sanitizer, Hello Kitty by Sanrio Hand Sanitizer, Assured Aloe, Earths Amenities Instant Unscented Hand Sanitizer, LumiSkin Advance Hand Sanitizer, and Saniderm Advanced Hand Sanitizer. [...]

8 Toxic Sanitizer sold at Dollar Tree? The company disputes the FDA warning

Publication date	2020-07-14
Create date	2020-07-20
Score	19.13
Report id	647620
Category	Antiseptic
Quality	Substandard
Source	Unlicensed outlets
Curation	Manually curated

Snippet: Toxic Sanitizer sold at Dollar Tree? The company disputes the FDA warning WHEC

Click here to see the [Original Article](#)

Table 19: Places for report 647620

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Fairport	43.09867	-77.44194

Table 20: Drugs for report 647620

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 21: Other Stories

ID	Title	Link
647792	Poisonous sanitizer being sold at Dollar Tree stores?	Link
655058	Poisonous sanitizer being sold at Dollar Tree stores?	Link

Notes: [...] Dollar Tree owns the Assured brand, and it hires foreign third-party manufacturers to make its products. So it's likely the recalled sanitizer is actually being made by a number of different foreign companies, creating a confusing situation for consumers.

Are Assured Instant Hand Sanitizers made in Mexico potentially dangerous, but the ones made in China deemed safe?

That's a question I asked the FDA. A spokesman for the agency returned my email quickly saying while the recall is for the facility in Mexico, you should not use any hand sanitizers from this brand, no matter where it's made. He sent me the following statement:

"The FDA recommends that consumers immediately stop using these hand sanitizers and dispose of the bottle in a hazardous waste container, if available, or dispose of as recommended by your local waste management and recycling center. Do not flush or pour these products down the drain or mix with other liquids." [...]

9 NCDHHS warns of methanol-contaminated hand sanitizers

Publication date	2020-07-07
Create date	2020-07-09
Score	19.05
Report id	638252
Category	Antiseptic
Quality	Substandard or Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: NCDHHS warns of methanol-contaminated hand sanitizers WCTI12.com

Click here to see the [Original Article](#)

Table 22: Places for report 638252

Region Name	Country	Location	Latitude	Longitude
Americas	United States	New Mexico	34.50034	-106.00085

Table 23: Drugs for report 638252

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 24: Other Stories

ID	Title	Link
644835	HealthDay Reports: FDA Warns About Hand Sanitizers With Methanol	Link
638191	Public health risk associated with methanol-contaminated hand sanitizers	Link

Notes: State health officials have joined the Centers for Disease Control and Prevention and the Food and Drug Administration in alerting residents of the health risks associated with methanol-contaminated hand sanitizers.

According to the North Carolina Department of Health and Human Services, the warning follows

CDC reports of seven people in New Mexico who experienced "serious health events" after reportedly ingesting methanol-contaminated hand sanitizers or rubs manufactured in Mexico. [...]

10 Information Update - Counterfeit respirators

Publication date	2020-07-06
Create date	2020-07-07
Score	18.70
Report id	637043
Category	Medical devices for disease prev
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: Information Update - Counterfeit respirators Benzinga

Click here to see the [Original Article](#)

Table 25: Places for report 637043

Region Name	Country	Location	Latitude	Longitude
Americas	Canada	Ottawa	45.41117	-75.69812

Table 26: Other Stories

ID	Title	Link
637286	Coronavirus: Health Canada issues warning over counterfeit N95 respirators	Link
637841	Health Canada issues advisory over counterfeit N95 respirators — News	Link
637097	Health Canada warns of counterfeit N95 respirators	Link
636899	Information Update - Counterfeit respirators — 2020-07-06 — Press Releases	Link

Notes: Health Canada is warning Canadians about the risks of using counterfeit respirators as they may not protect consumers against the virus that causes COVID-19.

Health Canada maintains a list of counterfeit respirators that may pose health risks, so that Canadians can easily identify products they may have purchased. If your mask is counterfeit, stop using it as it may not protect you against the virus that causes COVID-19. Canadians are encouraged to check the list regularly for updates. [...] Shanghai Lansheng Light Industrial Products was found to be selling counterfeit N95 respirators under another company's name (Shanghai Dasheng Health Products Manufacture Co. Ltd) and using its device number (DTC3X N95). [...]

11 FDA warns consumers about hand sanitizer products containing methanol

Publication date	2020-07-02
Create date	2020-07-06
Score	18.49
Report id	631846
Category	Antiseptic
Quality	Falsified
Source	Manufacturer
Curation	Manually curated

Snippet: FDA warns consumers about hand sanitizer products containing methanol WTVD-TV

Click here to see the [Original Article](#)

Table 27: Places for report 631846

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102
Americas	United States	United States	39.76	-98.5

Table 28: Drugs for report 631846

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 29: Other Stories

ID	Title	Link
634884	USA warns not to use Mexican disinfectant gel for methanol	Link
632598	FDA expands list of hand sanitizer products with methanol	Link
639552	Still more hand sanitizers recalled: Here's a list of brands to avoid, according to the FDA	Link
636487	FDA warns some hand sanitizers could be hazardous to health, contain toxic substance	Link

Table 29: Other Stories(continued)

ID	Title	Link
631890	The FDA says these hand sanitizers could kill you	Link
617555	US warns against Mexican sanitizer gel containing methanol	Link
636755	FDA Adds 5 More Products to Growing List of Toxic' Hand Sanitizers	Link
644694	FDA adds more hand sanitizers to list of toxic brands	Link
638043	FDA expands list of hand sanitizers considered toxic due to methanol	Link
642914	FDA issues warning on use of methanol-based hand sanitizers	Link
633702	FDA issues warning about hand sanitizer products contaminated with methanol	Link
635754	FDA Adds 5 'Toxic' Hand Sanitizers to an Already Dangerous List, Now at 14	Link
636266	FDA warns of sharp increase in hand sanitizer products contaminated with methanol	Link
639359	FDA warns consumers about hand sanitizer products containing methanol	Link
632199	FDA warns of potentially toxic hand sanitizers	Link
665998	FDA warns consumers about hand sanitizer products containing methanol	Link
638111	FDA adds more hand sanitizers to list of toxic brands	Link
644780	FDA adds methanol warning to more coronavirus hand sanitizer products	Link
641209	Contaminated hand sanitizers pose public health risk	Link
639690	FDA Issues Warning About Certain Hand Sanitizers Containing Methanol - Communications Office	Link
646859	FDA warns consumers about hand sanitizer products containing methanol	Link
659921	FDA expands list of toxic hand sanitizers to avoid	Link
640751	FDA expands list of hand sanitizer products with methanol	Link
636410	FDA adds to list warning of potentially toxic hand sanitizers	Link

Notes: [...] Last month, the FDA warned consumers about hand sanitizer products manufactured by Mexican company Eskbiochem SA de CV, which contained methanol.

The FDA has since expanded its list of specific products to avoid beyond the ones produced by Eskbiochem SA de CV. See the full list below:

Grupo Insoma, S.A.P.I de CV (Mexico), Hand sanitizer Gel Unscented 70% Alcohol (NDC: 75744-0200-3, 75744-0200-4, 75744-0201-5, 75744-0202-1, 75744-0250-1, 75744-0250-2, 75744-0500-1, 75744-1000-1, 75744-1000-3, 75744-1001-1) Transliquid Technologies (Mexico), Mystic Shield Protection hand sanitizer (NDC: 75477-435-02, 75477-435-10, 75477-435-12, 75477-435-25, 75477-435-50, 75477-534-10) Soluciones Cosmeticas SA de CV (Mexico), Bersih Hand

Sanitizer Gel Fragrance Free (NDC: 75165-003-02, 75165-004-01, 75165-005-01, 75165-006-01, 75165-008-01, 75165-250-01, 75165-600-01) Soluciones Cosmeticas SA de CV (Mexico), Antiseptic Alcohol 70% Topical Solution hand sanitizer (NDC: Not listed) Tropicosmeticos SA de CV (Mexico), Britz Hand Sanitizer Ethyl Alcohol 70% (NDC: 76676-402-01, 77676-402-02, 77676-402-03, 77676-402-04, 77676-402-05, 77676-402-06, 77676-402-07, 77676-402-08, 77676-402-09, 77676-402-10, 77676-402-11, 77676-402-12, 77676-402-13, 77676-402-14, 77676-402-16, 77676-402-17, 77676-402-18, 77676-402-19, 77676-402-20) Eskbiochem SA de CV (Mexico), All-Clean Hand Sanitizer (NDC: 74589-002-01) Eskbiochem SA de CV (Mexico), Esk Biochem Hand Sanitizer (NDC: 74589-007-01) Eskbiochem SA de CV (Mexico), Lavar 70 Gel Hand Sanitizer (NDC: 74589-006-01) Eskbiochem SA de CV (Mexico), The Good Gel Antibacterial Gel Hand Sanitizer (NDC: 74589-010-10) Eskbiochem SA de CV (Mexico), CleanCare NoGerm Advanced Hand Sanitizer 80% Alcohol (NDC: 74589-005-03) Eskbiochem SA de CV (Mexico), CleanCare NoGerm Advanced Hand Sanitizer 75% Alcohol (NDC: 74589-009-01) Eskbiochem SA de CV (Mexico), CleanCare NoGerm Advanced Hand Sanitizer 80% Alcohol (NDC: 74589-003-01) Eskbiochem SA de CV (Mexico), Saniderm Advanced Hand Sanitizer (NDC:74589-001-01) [...]

12 2 Ezra Street shops raided, 1,400L toxic'sanitizer seized

Publication date	2020-08-01
Create date	2020-08-04
Score	17.67
Report id	672035
Category	Antiseptic
Quality	Falsified
Source	Unlicensed outlets
Curation	Manually curated

Snippet: 2 Ezra Street shops raided, 1,400L toxic'sanitizer seized Times of India

Click here to see the [Original Article](#)

Table 30: Places for report 672035

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Kolkata	22.56263	88.36304

Table 31: Drugs for report 672035

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Notes: Two days after two persons were arrested for selling spurious hand sanitizer, the cops are shocked with the volume of their business across Kolkata and adjoining districts. A lab test has revealed they were mixing the more toxic methanol instead of ethyl alcohol (60%-95%) required to prepare hand sanitizers. [...] On Thursday, a raid was conducted on Ezra Street and 1,400 litres of purportedly spurious sanitizer were seized from two shops at 3, and 8, Ezra Street. There was no label or manufacturing certificate on the products and the accused, Rajib Punjabi, 43, and Jiauddin Basha, 43, could not produce valid documents for the products. [...]

13 LABORATORIOS JALOMA S.A. de C.V. Issues Voluntary Recall of The Jaloma Antiseptic Hand Sanitizer Due to the Potential Presence of Undeclared Methanol

Publication date	2020-07-31
Create date	2020-08-04
Score	17.49
Report id	671111
Category	Antiseptic
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated

Snippet: LABORATORIOS JALOMA S.A. de C.V. Issues Voluntary Recall of The Jaloma Antiseptic Hand Sanitizer Due to the Potential Presence of Undeclared Methanol Odessa American

Click here to see the [Original Article](#)

Table 32: Places for report 671111

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Americas	Mexico	Guadalajara	20.66682	-103.39182

Table 33: Drugs for report 671111

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 34: Other Stories

ID	Title	Link
672001	LABORATORIOS JALOMA SA de CV Issues Voluntary Recall of the Jaloma Antiseptic Hand Sanitizer Due to the Potential Presence of Undeclared Methanol	Link
672520	LABORATORIOS JALOMA S.A. de C.V. Issues Voluntary Recall of the Jaloma Antiseptic Hand Sanitizer Due to the Potential Presence of Undeclared Methanol	Link

Table 34: Other Stories(continued)

ID	Title	Link
671966	LABORATORIOS JALOMA S.A. de C.V. Issues Voluntary Recall of the Jaloma Antiseptic Hand Sanitizer Due to the Potential Presence of Undeclared Methanol - 2020-08-01	Link
671968	FDA Food and Drug Administration : Jaloma	Link

Notes: LABORATORIOS JALOMA S.A. de C.V. is voluntarily recalling all lots and all bottle sizes of the Jaloma Antiseptic Hand Sanitizer, Ethyl Alcohol 62% With vitamin E to the consumer level. This recall has been initiated because FDA sampled the 500 mL product and found it to be contaminated with undeclared methanol (wood alcohol). Although the contamination was linked to the 500 mL product, due to the abundance of caution, Jaloma is recalling all lots of all sizes within expiry. The NDCs, lot #s, and expiration dates are listed in the table below. [...]

14 Adulterated hand sanitizer glut poses health risks in Chittagong

Publication date	2020-07-03
Create date	2020-07-06
Score	16.63
Report id	632796
Category	Medical devices for disease prev, Antiseptic
Quality	Falsified
Source	Street vendors
Curation	Manually curated

Snippet: Adulterated hand sanitizer glut poses health risks in Chittagong Dhaka Tribune

Click here to see the [Original Article](#)

Table 35: Places for report 632796

Region Name	Country	Location	Latitude	Longitude
Southern Asia	Bangladesh	Dhaka	23.7104	90.40744

Notes: On July 1, a team of Rapid Action Battalion (RAB) conducted a drive at a furniture shop at Pathantuli area under Double mooring police station in the city.

After searching the shop, the elite force members seized 492 litres of spurious hand rub and a huge quantity of substandard and unauthorized face masks. A person was arrested from the spot in this connection.

Similarly, on June 27, a team of RAB-7 conducted a drive at Barapool area under Haliashahar police station in the city and seized 45 litres of adulterated hand sanitizer. Two persons were arrested from the spot.

A hand sanitizer should be 70% isopropyl alcohol and 30% distilled water and glycerine to be effective against viruses.

15 Fake face masks fail safety standards at Queensland coal mines following coronavirus high demand

Publication date	2020-07-30
Create date	2020-07-30
Score	15.86
Report id	668128
Category	Medical devices for disease prev
Quality	Substandard or Falsified
Source	Unknown
Curation	Manually curated

Snippet: Fake face masks fail safety standards at Queensland coal mines following coronavirus high demand ABC News

Click here to see the [Original Article](#)

Table 36: Places for report 668128

Region Name	Country	Location	Latitude	Longitude
Melanesia	Australia	State of Queensland	-20	145

Notes: Fake and substandard face masks have been discovered in a Queensland mine, prompting an alert from the state's mining department. [...] Testing by the Queensland Department of Natural Resources Mines and Energy found that two of the five samples tested at an underground coal mine had a 0 per cent pass rate for facial seals.

In an alert issued to the industry, the department said using those masks in high-dust areas could expose workers to respirable dust.

New disposable face mask which looks like a legitimate PPE mask. WorkSafe NSW says some documentation was provided by unaccredited testing facilities.(Supplied: WorkSafe NSW) Prolonged exposure to high levels of dust can lead to the potentially fatal condition known as black lung disease. [...]

16 Attleboro forced to toss out contaminated hand sanitizer that was being used in city buildings

Publication date	2020-07-10
Create date	2020-07-10
Score	14.85
Report id	642660
Category	Antiseptic
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated

Snippet: Attleboro forced to toss out contaminated hand sanitizer that was being used in city buildings Boston News, Weather, Sports — WHDH 7News

Click here to see the [Original Article](#)

Table 37: Places for report 642660

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Attleboro	41.94454	-71.28561

Notes: Attleboro officials were forced to toss out dozens of bottles of contaminated hand sanitizer that were being used in city buildings after the United States Food and Drug Administration urged the public to stop using a long list of tainted products.

RELATED: FDA adds to list of hand sanitizers that contain potentially fatal ingredient

City workers had been using Assured and Blumen sanitizers, a pair of brands that were found to contain the toxin methanol, according to the FDA. Methanol can be possibly fatal when absorbed through the skin or ingested.

"Methanol is not an acceptable ingredient for hand sanitizers and should not be used due to its toxic effects," the FDA said in a news release.

The toxic sanitizer was being used by about 100 to 200 employees at City Hall and other buildings in the area but the public only had access to Purell sanitizing stations.

Attleboro Mayor Paul Heroux said no city employees reported any illnesses from using the sanitizers but he still expressed serious concern. [...]

17 4 dead, 26 hospitalized in Arizona after ingesting hand sanitizer with methanol

Publication date	2020-07-17
Create date	2020-08-07
Score	14.73
Report id	652175
Category	Antiseptic
Quality	Substandard or Falsified
Source	Unknown
Curation	Manually curated

Snippet: 4 dead, 26 hospitalized in Arizona after ingesting hand sanitizer with methanol AZ-Central

Click here to see the [Original Article](#)

Table 38: Places for report 652175

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Arizona	34.5003	-111.50098
Americas	United States	Pima	32.09738	-111.78995

Table 39: Other Stories

ID	Title	Link
680149	15 hospitalizations linked to contaminated hand sanitizer	Link

Notes: Several people have died and hospitalizations have significantly increased over the last two months in Arizona due to people ingesting hand sanitizer containing methanol, according to officials.

Since May, four people have died and 26 people were hospitalized after ingesting hand sanitizer with methanol, according to the director of the Arizona Poison and Drug Information Center Dr. Steve Dudley.

People hospitalized for methanol exposure in Arizona were mostly 30 to 40 years old and some admitted to drinking hand sanitizer as an alcohol substitute, said Dudley. Some people experienced symptoms such as visual disturbances, vision loss and severely altered mental status.

"That triggered an alarm because hand sanitizer is normally primarily ethanol, which is what we generally see in alcohol," Dudley said. "And while people definitely can get sick off alcohol,

this was not at all the same picture. When you have hand sanitizer ingestions, normally they don't need to be hospitalized, they certainly don't end up in the ICU."

By comparison, only 33 people in Arizona were hospitalized in 2019 for ingesting hand sanitizer. In June, a total of 22 people were hospitalized for ingesting hand sanitizer with methanol, Dudley said. Hand sanitizers found in grocery stores in Navajo Nation Two incidents involving methanol exposure occurred in Pima County, but the majority of cases occurred in Arizona within Navajo Nation, Dudley said.

Dr. Jill Jim, executive director for the Navajo Nation Department of Health, said people ingesting hand sanitizer with methanol is a national issue.

"A lot of those are in relation to how the hand sanitizer products are being sold out, sold into the public markets, so I think a lot of those products were in the grocery stores," Jim said.

18 Revealed: Safety concerns over 85 million masks and respirators

Publication date	2020-07-01
Create date	2020-07-06
Score	14.68
Report id	630105
Category	Medical devices for disease prev
Quality	Degraded
Source	Distributor/Wholesaler
Curation	Manually curated

Snippet: Revealed: Safety concerns over 85 million masks and respirators Channel 4 News

Click here to see the [Original Article](#)

Table 40: Places for report 630105

Region Name	Country	Location	Latitude	Longitude
Europe	United Kingdom	Haydock	53.46723	-2.68166

Table 41: Other Stories

ID	Title	Link
630161	Department of Health puts out warning on 85MILLION face masks because they are unsafe	Link

Notes: The Department of Health has issued safety warnings, notices for disposal and distribution stoppages for more than 85 million masks and respirators, a Channel 4 News investigation has found.

The masks and respirators, many of which had passed their use by dates, were stored at the government's Pandemic Stockpile in Haydock, Warrington and have been distributed to hospitals, care homes and GP surgeries since March.

Last week, the medical equipment regulator, the MHRA, issued guidance to the NHS stating that millions of Cardinal surgical masks, distributed by the company Medline, should be "disposed of". More than 67 million of these masks were in the stockpile. [...] In the investigation to be broadcast tonight, Channel 4 News has also discovered that safety warnings have been issued about 3M 1863 respirators which the government previously claimed were safe to use. A confidential memo sent to healthcare workers in the South West stated that certain 3M respirators were "sub-optimal". [...]

19 SwRI: Testing reveals counterfeit' KN95 masks

Publication date	2020-07-14
Create date	2020-07-20
Score	12.71
Report id	647786
Category	Medical devices for disease prev
Quality	Substandard or Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: SwRI: Testing reveals counterfeit' KN95 masks KSAT San Antonio

Click here to see the [Original Article](#)

Table 42: Places for report 647786

Region Name	Country	Location	Latitude	Longitude
Americas	United States	San Antonio	29.42412	-98.49363

Notes: Southwest Research Institute has revealed that 8 of 11 different brands of counterfeit KN95 masks tested by the organization were manufactured in China, according to Dr. Imad Khalek, the program's senior program manager.

Khalek said KN95 is the Chinese version of the American-made N95 masks that are now hard to find. He said 73% of the counterfeit masks failed and were only 63% efficient, instead of 95% or higher that you get with real N95 masks. [...]

20 6.7 million masks bought by Hong Kong government found to be fake

Publication date	2020-07-02
Create date	2020-07-06
Score	10.97
Report id	631853
Category	Medical devices for disease prev, Other
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: 6.7 million masks bought by Hong Kong government found to be fake South China Morning Post

Click here to see the [Original Article](#)

Table 43: Places for report 631853

Region Name	Country	Location	Latitude	Longitude
Eastern Asia	Hong Kong	Hong Kong	22.27832	114.17469

Table 44: Drugs for report 631853

Medicine Name	Medicine Class	Action	ATC Code
sodium chloride	Sodium	other mineral supplements	A12CA01
sodium chloride	Salt solutions	irrigating solutions	B05CB01
sodium chloride	Electrolyte solutions	i.v. solution additives	B05XA03
			D08
		antiseptics and disinfectants	D08A

Table 45: Other Stories

ID	Title	Link
642102	6.7 million masks bought by Hong Kong government found to be fake	Link
631945	Authorities smash fake-mask con	Link

Notes: [...] More than 6 million surgical masks procured by the Hong Kong government for HK\$15 million, with some already delivered to departments, have been found to be fake. The batches bought by the Government Logistics Department (GLD) in March were labelled under Medicom, a global supplier of medical protective equipment. But customs officers said the fake trademark name was used to mislead the public. About half of the 6.7 million masks have already been distributed to 11 government departments. Medicom Asia, meanwhile, said it had not supplied masks to the GLD since early this year. [...] Customs has launched a citywide operation code-named "Guardian" since January to crack down on retail shops and pharmacies that sell substandard surgical masks and other medical items. So far, more than 35,000 inspections at retail spots have been conducted. Investigations have been launched into 13 cases of suspected violations of the trade descriptions law and 11 cases of suspected violations of the consumer goods safety law. Sixty-one people have been arrested so far and some 124,000 masks, 306 bottles of disinfectant alcohol, and 23 bottles of normal saline solution have been seized. [...]

21 Telangana: 10 senior doctors and 70 nurses resign over sub-standard protective equipments

Publication date	2020-07-06
Create date	2020-07-07
Score	10.83
Report id	637145
Category	Medical devices for disease prev
Quality	Substandard or Falsified
Source	Hospital pharmacy
Curation	Manually curated

Snippet: Telangana: 10 senior doctors and 70 nurses resign over substandard protective equipments OpIndia

Click here to see the [Original Article](#)

Table 46: Places for report 637145

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Telangana	17.83333	79.08333

Notes: [...] The resignation comes amidst reports of more than 300 medical professional in the state being affected by the virus. The healthcare professionals have cited substandard protective gear and fear of contracting COVID-19 as reasons behind quitting their jobs.

It has been reported that while some doctors assigned from OMC to Chest Hospital never reported for their duty, others served for one or two months before offering their resignation.

An overwhelming number of the doctors and nurses have put down their papers citing safety concerns and crumbling healthcare infrastructure as coronavirus caseloads increase in Telangana. The poor quality of personal protective equipment to the frontline workers in Telangana and consequently a large number of them having contracted the virus has forced many others to take an interim leave from their jobs. [...]

22 Questionable Paperwork Lets Fake and Faulty Masks Flood Europe

Publication date	2020-07-02
Create date	2020-08-14
Score	10.67
Report id	631077
Category	Medical devices for disease prev
Quality	Falsified
Source	Other
Curation	Manually curated

Snippet: Questionable Paperwork Lets Fake and Faulty Masks Flood Europe OCCRP

Click here to see the [Original Article](#)

Table 47: Places for report 631077

Region Name	Country	Location	Latitude	Longitude
Europe	Estonia	Estonia	59	26
Europe	Portugal	Portugal	39.6945	-8.13057
Europe	Malta	Malta	35.91667	14.43333
Europe	Netherlands	Kingdom of the Netherlands	52.25	5.75
Europe	Sweden	Kingdom of Sweden	62	15
Europe	Lithuania	Lithuania	55.41667	24

Table 48: Other Stories

ID	Title	Link
637573	Questionable Paperwork Lets Fake and Faulty Masks Flood Europe	Link
645371	Questionable Paperwork Lets Fake and Faulty Masks Flood Europe	Link

Notes: [...] Some of the most egregious fakes have been sold with falsified paperwork, but much of the influx is due to something else entirely: misleading certification issued by real companies. An investigation by OCCRP and 16 European media partners found scores of cases in which PPE was sold throughout Europe using documents that make it look like the goods meet the bloc's complex safety rules. In reality, the papers are legally worthless.

These documents are sold by European companies, including one with a long history in the continent's safety industry, and can cost tens of thousands of euros each. Sometimes even the purchasers are unaware that the certificates have no legal basis.

The documents often prominently display the CE mark, an official accreditation for goods that meet European Union standards.

It's only when you get to the fine print do you find wording explaining that the documents do not actually confer the CE designation, that "it's not an approval of the product, [and that] it's not meant to be any kind of mandatory document with legal value," said Dorte Kardel, a Denmark-based compliance consultant familiar with the practice.[...] [mask, masks, PPE]

23 Over 16,000 fake N-95, V-410-V masks worth Rs 21 lakh seized from Mumbai businessman

Publication date	2020-07-29
Create date	2020-07-30
Score	10.08
Report id	667990
Category	Medical devices for disease prev
Quality	Falsified
Source	Distributor/Wholesaler
Curation	Manually curated

Snippet: Over 16,000 fake N-95, V-410-V masks worth Rs 21 lakh seized from Mumbai businessman Times Now

Click here to see the [Original Article](#)

Table 49: Places for report 667990

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Mumbai	19.07283	72.88261

Table 50: Other Stories

ID	Title	Link
668465	Coronavirus: Trader arrested for selling fake N-95 masks, goods worth Rs 29 lakh seized	Link
678754	Certified N95 makers at the receiving end	Link
668777	Fake N-95 Masks Worth 21 Lakh Seized From Lower Parel	Link
688513	Over 16,000 fake N-95, V-410-V masks worth Rs 21 lakh seized from Mumbai businessman	Link

Notes: The crime branch unit-3 of Mumbai police have seized fake N-95 and V-410V masks from a businessman on Wednesday. The masks were claimed to be original and sold to the people at higher prices.

The seizure came after the crime branch unit seized a tempo in Lower Parel. The estimated value of the seized mask is said to be around Rs 21.39 lakh.

According to a report in Hindustan Times, the 42-year-old trader has been arrested by police under the Essential Commodities Act. The accused businessman has been identified as Safdar

Hussain Mohammad Jafar Momin, who owns a godown in Bhiwandi. [...] "During the search, we found 10,500 N-95 and 6,800 V-410 V masks worth Rs 21.39 lakh inside the tempo. An FIR has been filed against the accused at NM Joshi Marg police station," the report quoted crime branch unit 3 inspector Nitin Patil as saying.

Later, police also raided the godown of the accused and recovered the PPE kits. According to police, the sub-standard N-95 and V-410-V masks were produced in Delhi and then transported to Mumbai. [...]

24 Sierra Leone: Pharmacy Board Destroys Medicines Worth Over 200 Million Leones

Publication date	2020-07-22
Create date	2020-07-24
Score	7.40
Report id	657750
Category	Not applicable
Quality	Substandard or Falsified
Source	Seaport
Curation	Manually curated

Snippet: Sierra Leone: Pharmacy Board Destroys Medicines Worth Over 200 Million Leones
AllAfrica.com

Click here to see the [Original Article](#)

Table 51: Places for report 657750

Region Name	Country	Location	Latitude	Longitude
Western Africa	Sierra Leone	Port Loko District	8.72386	-12.75904

Notes: In a bid to ensuring public health safety, the Pharmacy Board of Sierra Leone(PBSL) in collaboration with the Ministry of Health and Sanitation has on 18th July, 2020, at the Bailor Wharf, Port Loko District, destroyed a consignment of seized illegally imported and counterfeit medicines that worth over 200 million Leones from Guinea.

It could be recalled that on March 30, 2020, the attention of the registrar of PBSL was drawn to a boat with medicines that was intercepted off shore by a Navy Commanding Officer, Lieutenant Commander Emmanuel Manga Kallie,

PBSL together with other stakeholders including Resident Minister North-West Region, and representatives from the Sierra Leone Police (SLP), National Revenue Authority (NRA) Officers and Sierra Leone Navy later inspected, weighed and quantified the seized and illegal consignment, and found out that the medicines were counterfeit and expired. It was later suggested that it should be destroyed by burning. [...]

25 Fake' N-95 masks supplied to BSMMU, say doctors

Publication date	2020-07-21
Create date	2020-07-21
Score	6.54
Report id	656006
Category	Medical devices for disease prev
Quality	Substandard
Source	Hospital pharmacy
Curation	Manually curated

Snippet: Fake' N-95 masks supplied to BSMMU, say doctors bdnews24.com

Click here to see the [Original Article](#)

Table 52: Places for report 656006

Region Name	Country	Location	Latitude	Longitude
Southern Asia	Bangladesh	Dhaka	23.7104	90.40744

Notes: Doctors say substandard N-95 masks have been supplied to the COVID-19 unit of Bangabandhu Sheikh Mujib Medical University. The BSMMU established a separate centre with 370 beds for the treatment of coronavirus patients on Jun 24. At least 45 resident doctors work in groups there to treat the COVID-19 patients. Most of the the doctors complained about the fake N-95 masks.

Doctors receive five masks each to use for seven days when they begin their shift. The group that started duty on Jun 24 received "quality" masks, but those in the third group starting duty on Jul 28 received the masks with "substandard" quality.

At least 10 among the 23 English words written on the masks are misspelt. Doctors said the straps came off the masks when they tried to wear them. The inside of the mask looks different. "All these raise doubt if those were original masks," said a doctor at the coronavirus centre of BSMMU seeking anonymity. [...]

26 Poor quality masks supplied to PCMC: Probe panel report

Publication date	2020-07-16
Create date	2020-07-20
Score	5.88
Report id	651029
Category	Medical devices for disease prev
Quality	Substandard
Source	Unknown
Curation	Manually curated

Snippet: Poor quality masks supplied to PCMC: Probe panel report Pune Mirror

Click here to see the [Original Article](#)

Table 53: Places for report 651029

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Pimpri-Chinchwad	18.61867	73.80375

Notes: Aprobe conducted by a panel appointed by Pimpri-Chinchwad Municipal Corporation (PCMC) has found face masks distributed to citizens free of cost in PCMC jurisdiction to be of substandard quality. [...]

27 Antibacterial gel? 86 brands made in Mexico are dangerous

Publication date 2020-07-28

Create date

Score 5.83

Report id 666111

Category Antiseptic

Quality Substandard

Source Unknown

Curation Manually curated

Snippet: Antibacterial gel? 86 brands made in Mexico are dangerous Explica

Click here to see the [Original Article](#)

Table 54: Places for report 666111

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102
Americas	United States	United States	39.76	-98.5

Table 55: Drugs for report 666111

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 56: Other Stories

ID	Title	Link
667424	FDA expands list of potentially toxic hand sanitizers	Link
666245	The FDA Has Added Nearly 80 More Products to Its List of Dangerous Hand Sanitizers	Link

Notes:

28 Kebs flags down three substandard face mask brands

Publication date	2020-07-27
Create date	2020-07-29
Score	5.83
Report id	665823
Category	Medical devices for disease prev
Quality	Substandard
Source	Unknown
Curation	Manually curated

Snippet: Kebs flags down three substandard face mask brands The Standard

Click here to see the [Original Article](#)

Table 57: Places for report 665823

Region Name	Country	Location	Latitude	Longitude
Eastern Africa	Kenya	Republic of Kenya	1	38

Table 58: Other Stories

ID	Title	Link
668073	Kebs orders three companies to recall substandard face masks	Link
666820	KEBS Bans Three Manufacturers Of Substandard Face Masks	Link
668133	Kebs bans three substandard face masks	Link

Notes: The Kenya Bureau of Standards (Kebs) has flagged down sub-standard medical face masks circulating in the market. It warned Kenyans against buying brands such as Wandas manufactured by Wandas General Supplies, and Arax manufactured by Arax Mills limited. Hela Intimates EPZ has also been flagged for putting lives of Kenyans at risk with its unnamed facemask brand. "The manufacturers are required to recall all the substandard masks from the market and institute corrective actions whose effectiveness shall be confirmed by KEBS before the suspension of the standardization mark permits is lifted," "Manufacturers are also advised to strictly adhere to marking and labeling requirements as per the relevant Standard." [...]

29 Toxic hand sanitiser that could cause blindness and death urgently recalled among 14 other items

Publication date	2020-07-08
Create date	2020-07-10
Score	5.76
Report id	640085
Category	Antiseptic
Quality	Substandard
Source	Website(s)
Curation	Manually curated

Snippet: Toxic hand sanitiser that could cause blindness and death urgently recalled among 14 other items Essex Live

Click here to see the [Original Article](#)

Table 59: Places for report 640085

Region Name	Country	Location	Latitude	Longitude
Europe	United Kingdom	United Kingdom of Great Britain and Northern Ireland	54.75844	-2.69531

Table 60: Drugs for report 640085

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 61: Other Stories

ID	Title	Link
640922	Brand recalls hand sanitiser gel that could increase risk of infection'	Link

Notes: [...] 100 ml of transparent hydro-alcoholic disinfectant hand gel.

Reason for recall: The product contains an insufficient amount of ethanol and propan-2-ol, as

a result, it does not kill bacteria or viruses.

The product does contain methanol which is acutely toxic to the central nervous system and the eye. Ingestion or contact with methanol leads to blindness and death. [...]

30 Mosaic Brands hand sanitiser fails the lab test — CHOICE

Publication date	2020-07-15
Create date	2020-07-20
Score	5.20
Report id	649060
Category	Antiseptic
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated

Snippet: Mosaic Brands hand sanitiser fails the lab test — CHOICE CHOICE

Click here to see the [Original Article](#)

Table 62: Places for report 649060

Region Name	Country	Location	Latitude	Longitude
Melanesia	Australia	State of New South Wales	-33	146

Table 63: Drugs for report 649060

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Notes: [...] In the latest outrage from this serial offender, Mosaic Brands sold mislabelled hand sanitiser that would have been woefully ineffective in protecting against the COVID-19 virus Testing at Australia's National Measurement Institute at CHOICE's request reveals that the 70%-alcohol label claim on the sample tested was far from the truth Under Australian Consumer Law, it's illegal to sell products with misleading or deceptive label claims [...] we recently commissioned testing by the National Measurement Institute (NMI) of a bottle of hand sanitiser sold by Katies (a Mosaic Brands store) and labelled as 70% alcohol. The real percentage was 23% far below what would have been effective against COVID-19. (The NMI conducted the test using the gas chromatography method.) [...]

31 Punjab's Drug body warns against use of 10 sanitiser brands

Publication date	2020-07-13
Create date	2020-08-10
Score	5.10
Report id	646587
Category	Antiseptic
Quality	Substandard or Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: Punjab's Drug body warns against use of 10 sanitiser brands The Tribune India

Click here to see the [Original Article](#)

Table 64: Places for report 646587

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	State of Punjab	30.91667	75.41667

Table 65: Drugs for report 646587

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 66: Other Stories

ID	Title	Link
653586	Punjab's Drug body warns against use of 10 sanitiser brands	Link

Notes: Punjab's Food and Drug Administration (FDA) has asked the public not to use 10 brands of hand sanitisers which contain hazardous methanol alcohol.

Addressing the risk of methanol contaminants in certain brands of hand sanitisers, the Joint Commissioner (Drugs), FDA, said the FDA had drawn 170 samples of sanitisers from the market since May to test their quality and safety for use.

As per the communication, the FDA has till date tested 91 samples. The test results found

that 10 brands were adulterated with methanol ranging from 7.05 per cent to over 95 per cent in place of isopropyl alcohol or ethanol alcohol against the labelled claims.

The list of substandard brands includes Auramed by Galiberry, Cosway, Zenitiser, Medshield Pro, Sanimag, Antizem, Isopropyl Alochol and Sam Antibaterial. TNS

32 Florida man and his sons charged with selling toxic chemical as a coronavirus cure to thousands

Publication date	2020-07-11
Create date	2020-07-13
Score	3.38
Report id	643113
Category	Antiviral others
Quality	Falsified
Source	Unknown
Curation	Manually curated

Snippet: Florida man and his sons charged with selling toxic chemical as a coronavirus cure to thousands CNN

Click here to see the [Original Article](#)

Table 67: Places for report 643113

Region Name	Country	Location	Latitude	Longitude
Americas	United States	South Florida Terraces	28.0819	-82.4133

Table 68: Drugs for report 643113

Medicine Name	Medicine Class	Action	ATC Code
sodium chlorite	Other cicatrizants	cicatrizants	D03AX11

Notes: Three months after President Donald Trump suggested ingesting disinfectants as a treatment for coronavirus, a Florida man and his three sons are facing criminal charges for allegedly selling a toxic solution to tens of thousands of people as a cure for Covid-19.

Mark Grenon, 62, and his sons, Jonathan, 34, Joseph, 32, and Jordan, 26, all of Bradenton, Florida, supposedly manufactured, promoted, and sold "Miracle Mineral Solution" (MMS), a chemical solution containing sodium chlorite and water, the criminal complaint affidavit says. The men sold the toxic bleach under the guise of Genesis II Church of Health and Healing, an entity they allegedly created in an attempt to avoid government regulation, the US Attorney's Office for the Southern District of Florida said in a statement.

7.4 COVID-19 trial medicines

Medicine Quality Monitoring Globe

August 20, 2020



This is a summary of the information available in the Medicine Quality Monitoring Globe for the search terms selected between the dates selected. For more information on the terminology used, caveats and the work of the medicine quality group please see the information at: <https://www.iddo.org/medicine-quality>

Non-Curated reports are those that have been automatically flagged as relevant by the system but have not been manually curated by the curators.

We would be grateful for any feedback on this summary and for the details of any reports that we may have missed.

Search

"tranilast" OR "interleukin-2" OR "zilucoplan"
OR "AT-001" OR "nitazoxanide" OR "baloxavir" OR "doxycycline" OR "interleukin-7" OR "Kineret" OR "leronlimab" OR "ritonavir" OR "bevacizumab" OR "lactoferrin" OR "losartan" OR "UTTR1147A" OR "Caesalpinia spinosa" OR "remdesivir" OR "nitrogen monoxide" OR "lanadelumab" OR "tirofiban" OR "huaier extract" OR "corbistadine" OR "atorvastatin" OR "tozumab" OR "NP-120" OR "nitrite" OR "captopril" OR "merimepodib" OR "GLS-1200" OR "aescinate" OR "tranexamic" OR "colchicine" OR "procalcitonin" OR "SNDX-6352" OR "sirukumab" OR "monalizumab" OR "carriomycin" OR "ramipril" OR "tofacitinib" OR "budesonide" OR "bemiparin" OR "dipyridamole" OR "T89" OR "levamisole" OR "fingolimod" OR "atovaquone" OR "aspirin" OR "enoxaparin" OR "pyridostigmine" OR "TJM2" OR "poractant" OR "isotretinoin" OR "levilimab" OR "degarelix" OR "LY3819253" OR "telmisartan" OR "masitinib" OR "lenzilumab" OR "avdoralimab" OR "duvelisib" OR "bicalutamide" OR "Ilaris" OR "atlizumab" OR "Ifenprodil" OR "RBT-9" OR "deferoxamine" OR "canakinumab" OR "LB1148" OR "desferrioxamine" OR "chlorpromazine" OR "selinexor" OR "vitamin D2" OR "DAS181" OR "vitamin D3" OR "Clopidogrel" OR "tetrandrine" OR "amoxicillin" OR "zanubrutinib" OR "nitric Oxide" OR "chlorine dioxide" OR "AVM0703" OR "cobicistat" OR "olokizumab" OR "ABX464" OR "lucinactant" OR "galidesivir" OR

"thalidomide" OR "TXA127" OR "conestat" OR "corticosteroid" OR "vazegepant" OR "escin" OR "octagam" OR "pacritinib" OR "ribavirin" OR "ambrisentan" OR "baricitinib" OR "imatinib" OR "CD24Fc" OR "thymosin" OR "DFV890" OR "retinoic acid" OR "sitagliptin" OR "sevoflurane" OR "prednisone" OR "amoxicillin/clavulanic acid" OR "TJM-2" OR "ulinastatin" OR "oestrogen" OR "leflunomide" OR "virazole" OR "naltrexone" OR "abidor" OR "niclosamide" OR "ATYR1923" OR "Olumiant" OR "Alinia" OR "argatroban" OR "Leukine" OR "methotrexate" OR "xiyanping" OR "peginterferon" OR "artemisinin" OR "ibrutinib" OR "pembrolizumab" OR "aescin" OR "CERC-002" OR "fludase" OR "isoflurane" OR "dornase" OR "XPro1595" OR "telemedicine" OR "immunoglobulin" OR "nafamostat" OR "clarithromycin" OR "bromhexine" OR "Xpovio" OR "ebastine" OR "amoxicillin/clavulanate" OR "PD-1 mAb" OR "opaganib" OR "oseltamivir" OR "melatonin" OR "favipiravir" OR "mefloquine" OR "huaier granule" OR "bismuth" OR "ifenprodil" OR "famotidine" OR "tenofovir" OR "secukinumab" OR "AMY-101" OR "umifenovir" OR "EDP1815" OR "pinavir" OR "tocilizumab" OR "co-amoxiclav" OR "LAU-7b" OR "hydroxychloroquine" OR "triazavirine" OR "cholecalciferol" OR "RTB101" OR "zinc" OR "fondaparinux" OR "oxytocin" OR "gimsilumab" OR "suramin" OR "rhG-CSF" OR "ciclesonide" OR "desferoxamine" OR "azithromycin" OR "calciferol" OR "TD-0903" OR "clazakizumab" OR "BCX4430" OR "pirfenidone" OR "adamumab" OR "etoposide" OR "RPH-104" OR "defibrotide" OR "AT-527" OR "prazosin" OR "triazavirin" OR "alpha lipoic" OR "almitrine" OR "ergocalciferol" OR "dihydroartemisinin" OR "vitamin c" OR "melphalan" OR "dapagliflozin" OR "TMJ2" OR "25-hydroxyvitamin D3" OR "formoterol" OR "isoprinosine" OR "IMU-838" OR "indomethacin" OR "tridecactide" OR "chloroquine" OR "naproxen" OR "fluoxetine" OR "Kevzara" OR "valsartan" OR "ruxolitinib" OR "sargramostim" OR "estradiol" OR "cyclosporine" OR "silymarin" OR "linagliptin" OR "vitamin D" OR "methylprednisolone" OR "simvastatin" OR "fluvoxamine" OR "alteplase" OR "sildenafil" OR "mavrilimumab" OR "anakinra" OR "isoquercetin" OR "ozanimod" OR "ketamine" OR "mepolizumab" OR "camostat" OR "acetylsalicylic" OR "darunavir" OR "novaferon" OR "YinHu Qing-Wen" OR "camrelizumab" OR "acalabrutinib" OR "Cosentyx" OR "estrogen" OR "dexmedetomidine" OR "Dantonix" OR "nivolumab" OR "aviptadil" OR "PUL-042" OR "rivaroxaban" OR "diammonium" OR "adalimumab" OR "apremilast" OR "nitrogen oxide" OR "BMS-986253" OR "polyinosinic-polycytidylic" OR "farpiravir" OR "siltuximab" OR "interleukin 2" OR "montelukast" OR "jakotinib" OR "nintedanib" OR "garadacimab" OR "ASC09" OR "emtricitabine" OR "Pulmozyme" OR "hydrogen peroxide" OR "verapamil" OR "sarilumab" OR "azvudine" OR "BLD-2660" OR "ravulizumab" OR "hydrocortisone" OR "tinzaparin" OR "omalizumab" OR "EIDD-2801" OR "MSTT1041A" OR "Tybost" OR "Actemra" OR "dociparastat" OR "ascorbic acid" OR "abidole" OR "omeprazole" OR "MAS825" OR "progesterone" OR "eculizumab" OR "povidon-iodine" OR "ivermectin" OR "APL-9" OR "colomycin" OR "danoprevir" OR "amiodarone" OR "sirolimus" OR "lenalidomide" OR "resveratrol" OR "ixekizumab" OR "dexamethasone" OR "acetylcysteine" OR "TJ003234" OR "LY3127804" OR "iloprost" OR "tacrolimus" OR "dalteparin" OR "astegolimab" OR "interferon" OR "Xue-Bi-Jing" OR "plitidepsin" OR "metenkefalin" OR "azoximer" OR "lopinavir" OR "carrimycin" OR "gs-441542"

Start date	2020-07-01
End date	2020-07-31
Language	en
Number of Reports	12
2020-08-20	2

1 CDSCO declares 20 drug samples including Cough Syrup, Diabetes drugs as Not of Standard Quality

Publication date	2020-07-23
Create date	2020-07-24
Score	31.30
Report id	658934
Category	Antidiabetic, Nutritional supplement, Antitussive, Medicine for allergy, Antibiotic, Ophthalmic medicines, Medical device used for cure/mit
Quality	Substandard
Source	Manufacturer
Curation	Manually curated

Snippet: CDSCO declares 20 drug samples including Cough Syrup, Diabetes drugs as Not of Standard Quality Medical Dialogues

Click here to see the [Original Article](#)

Table 1: Places for report 658934

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Guwahati	26.1844	91.7458
Southern Asia	India	Mumbai	19.07283	72.88261
Southern Asia	India	Chandigarh	30.73629	76.7884
Southern Asia	India	Kolkata	22.56263	88.36304

Table 2: Drugs for report 658934

Medicine Name	Medicine Class	Action	ATC Code
gliclazide	Sulfonylureas	blood glucose lowering drugs, excl. insulins	A10BB09
pioglitazone	Thiazolidinediones	blood glucose lowering drugs, excl. insulins	A10BG03
		calcium	A12A
	Calcium	calcium	A12AA
telmisartan	Angiotensin II antagonists, plain	angiotensin ii antagonists, plain	C09CA07
lactic acid producing organisms, combinations	Antidiarrheal microorganisms	antidiarrheal microorganisms	A07FA51
	Polymyxins	other antibacterials	J01XB

Table 2: Drugs for report 658934(continued)

Medicine Name	Medicine Class	Action	ATC Code
ferrous sulfate	Iron bivalent, oral preparations	iron preparations	B03AA07
ferrous sulfate	Iron in combination with folic acid	iron preparations	B03AD03
fexofenadine	Other antihistamines for systemic use	antihistamines for systemic use	R06AX26
	Vitamin D and analogues	vitamin a and d, incl. combinations of the two	A11CC
levothyroxine sodium	Thyroid hormones	thyroid preparations	H03AA01
dexamethasone, combinations	Corticosteroids	decongestants and other nasal preparations for topical use	R01AD53
folic acid, combinations	Folic acid and derivatives	vitamin b12 and folic acid	B03BB51
chloramphenicol	Other antibiotics for topical use	antibiotics for topical use	D06AX02
chloramphenicol	Antiinfectives for treatment of acne	anti-acne preparations for topical use	D10AF03
chloramphenicol	Antibiotics	antiinfectives and antiseptics, excl. combinations with corticosteroids	G01AA05
chloramphenicol	Amphenicols	amphenicols	J01BA01
chloramphenicol	Antibiotics	antiinfectives	S01AA01
chloramphenicol	Antiinfectives	antiinfectives	S02AA01
chloramphenicol	Antiinfectives	antiinfectives	S03AA08
			R06
		antihistamines for systemic use	R06A
nitrofurantoin	Nitrofuran derivatives	other antibacterials	J01XE01
ondansetron	Serotonin (5HT3) antagonists	antiemetics and anti-nauseants	A04AA01
mometasone	Corticosteroids, potent (group III)	corticosteroids, plain	D07AC13
mometasone	Corticosteroids, potent, other combinations	corticosteroids, other combinations	D07XC03
mometasone	Corticosteroids	decongestants and other nasal preparations for topical use	R01AD09

Table 2: Drugs for report 658934(continued)

Medicine Name	Medicine Class	Action	ATC Code
mometasone	Glucocorticoids	other drugs for obstructive airway diseases, inhalants	R03BA07
			S01
dextromethorphan, combinations	Other nervous system drugs	other nervous system drugs	N07XX59
cefotaxime	Third-generation cephalosporins	other beta-lactam antibiotics	J01DD01
doxycycline	Antiinfectives and antiseptics for local oral treatment	stomatological preparations	A01AB22
doxycycline	Tetracyclines	tetracyclines	J01AA02
metformin	Biguanides	blood glucose lowering drugs, excl. insulins	A10BA02
amoxicillin and enzyme inhibitor	Combinations of penicillins, incl. beta-lactamase inhibitors	beta-lactam antibiotics, penicillins	J01CR02

Table 3: Other Stories

ID	Title	Link
640973	Six medicine samples from Himachal fail quality test	Link

Notes: The apex drug regulatory body, Central Drugs Standard Control Organization (CDSCO) has flagged 20 drug samples as 'Not of Standard Quality' after they failed to qualify a random drug sample test for the month of June. These drug samples including popular formulations and brands like Pioglitazone & Metformin Hydrochloride (Prolonged Release) Tablets; Heel-DX Syrup; Calcium And Vitamin D3 Tablets IP and others. Cefotaxime Sodium Injection IP 250 mg manufactured by Hindustan Antibiotics. This came after analysis and test conducted by the CDSCO, Drugs Control Departments, on 790 drug samples. Out of this, 770 samples were found of Standard quality while 20 of them were declared as Not of Standard Quality (NSQ). A few of the causes why the drug samples tested failed were due to the Assay, Uniformity of Weight, Length, Acid value (Type 1 & Type 3), Dissolution, Description & Disintegration, Assay of Chloramphenicol, Dissolution of Metformin Hydrochloride, Assay of Folic Acid, Dissolution of Calcium Carbonate and others.

2 Fake injections racket busted in Gujarat

Publication date	2020-07-18
Create date	2020-07-20
Score	20.40
Report id	653142
Category	Other
Quality	Falsified
Source	Private pharmacy
Curation	Manually curated

Snippet: Fake injections racket busted in Gujarat THE WEEK

Click here to see the [Original Article](#)

Table 4: Places for report 653142

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Srat	21.19594	72.83023
Southern Asia	India	Ahmedabad	23.02579	72.58727

Table 5: Drugs for report 653142

Medicine Name	Medicine Class	Action	ATC Code
tocilizumab	Interleukin inhibitors	immunosuppressants	L04AC07

Table 6: Other Stories

ID	Title	Link
657671	How repurposed Covid-19 drug tocilizumab came to be at the centre of a fraud in Gujarat	Link
660009	SIMPLY PUT; How repurposed Covid-19 drug Tocilizumab became centre of a fraud in Gujarat	Link
653626	Fake tocilizumab racket busted in Gujarat, first in the country	Link
653695	Watch Dr Devang Shah explains how the entire racket selling fake drug as Tocilizumab was busted Online in HD	Link
655754	Tocilizumab made of synthesised steroids?	Link

Table 6: Other Stories(continued)

ID	Title	Link
669838	Gujarat: Racket selling counterfeit COVID drug Tocilizumab busted, three nabbed from Surat and Ahmedabad	Link
657039	Elderly patient survives 10ml of spurious injection	Link
654735	Spurious drug manufacturers exploited situation due to indiscriminate use of COVID drug tocilizumab,...	Link
654745	Indiscriminate Use During Covid-19 Pandemic Led to Bogus Tocilizumab Injections in Gujarat: FDCA	Link
663706	India : Gang trafficking fake COVID-19 treatments busted - 2020-07-27	Link
677018	Gujarat: Racket selling counterfeit COVID drug Tocilizumab busted, three nabbed from Surat and Ahmedabad	Link
653224	Gujarat: FDCA busts racket selling spurious drug as Tocilizumab	Link
653229	Gujarat: Three Arrested for Selling Spurious Covid-19 Drug in Surat, Ahmadabad	Link
663773	How repurposed Covid-19 drug tocilizumab came to be at the centre of a fraud in Gujarat	Link
657127	Fake injection racket busted in Ahmedabad	Link
656368	COVID-19: Five booked for operating spurious tocilizumab drug racket in Gujarat	Link
656369	Gujarat: Five booked for operating spurious tocilizumab drug racket	Link

Notes: Gujarat's Food and Drugs Control Administration on Saturday unearthed a racket of selling fake and spurious Tocilizumab injections in Surat and Ahmedabad.

The FDCA busted the racket about a week after another racket of selling life saving injections at a high rate was unearthed in the state.

[...] Four persons have been arrested in connection with the latest case. Raids were conducted in Surat and it was found that one Sohel Ismail Tai manufactured spurious drugs under the name of Genic Pharma. Machines, ampules and API worth Rs 8 lakh were seized. [...] The patient's relative had purchased three boxes of Actemra 250 mg, manufactured by Genic Pharma, for Rs 1.35 lakh from one Ashish Shah of Messers Maa Pharmacy at Sabarmati. The drug was purchased without [...]

3 FDA raids drug stores in 6 dists

Publication date	2020-07-18
Create date	2020-07-20
Score	19.97
Report id	653427
Category	Hormone replacement, Veterinary medicines
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: FDA raids drug stores in 6 dists The Tribune

Click here to see the [Original Article](#)

Table 7: Places for report 653427

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Hoshirpur	31.53723	75.91269
Southern Asia	India	Amritsar	31.62234	74.87534
Southern Asia	India	Ludhina	30.91204	75.85379
Southern Asia	Bangladesh	Jaladhar Khl	22.11976	91.90002
Southern Asia	India	Gurdaspur	31.92	75.27
Southern Asia	India	Moga	30.81383	75.16878

Table 8: Drugs for report 653427

Medicine Name	Medicine Class	Action	ATC Code
hydroxyprogesterone	Pregnen (4) derivatives	progestogens	G03DA03

Notes: [...] Even last month, the FDA conducted statewide joint raids and seized 77 samples of various brands of hydroxy-progesteron', caproate' injection for animal use. Upon their test and analysis by the state government laboratory, six drug samples were found to be containing zero per cent substance against 750 mg per injection, which was alarming, he said. [...] As part of the campaign, outlets of costly and fast moving animal drugs suspected to be spurious or sub-standard were identified and regulatory officers were directed to draw samples of targeted group of sterile dry powder injections like betalactams, cephalosporins, their fixed dose combinations with sulbactam, tazobactam & potassium clavunate, the FDA official said.

Injectons of oxytetracycline, enorfloxacin, gentamycin, dexamethasone and ivermectin were also

included in the list, he said. The Commissioner stated that those involved in the manufacture, sale and supply of spurious drugs would be punished.

4 Two Grabbed For Repackaging Orthodox Medicine As Herbal Product - 2020-07-27

Publication date	2020-07-27
Create date	2020-07-28
Score	12.75
Report id	664063
Category	Herbal medicine
Quality	Falsified
Source	Unknown
Curation	Manually curated

Snippet: The vigilance of the Volta Regional Directorate of the Food and Drug Authority (FDA) has yielded dividend as two suspects repackaged orthodox medicine as herbal product for patronage by the unsuspecting public have been busted. They are Joyce Domie, 45, and James Nyakpo, 35, who were arrested at 39;information centre 39; at Sokode, a suburb of Ho Municipality. Mr Gorden Akurugu, Regional Director of FDA, briefing the Ghana News Agency said, the duo were picked up upon tip-o ...

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Table 9: Places for report 664063

Region Name	Country	Location	Latitude	Longitude
Western Africa	Ghana	Sokode Etoe	6.57407	0.41374

Table 10: Drugs for report 664063

Medicine Name	Medicine Class	Action	ATC Code
dexamethasone	Corticosteroids for local oral treatment	stomatological preparations	A01AC02
dexamethasone	Corticosteroids	agents for treatment of hemorrhoids and anal fissures for topical use	C05AA09
dexamethasone	Corticosteroids, moderately potent (group II)	corticosteroids, plain	D07AB19

Table 10: Drugs for report 664063(continued)

Medicine Name	Medicine Class	Action	ATC Code
dexamethasone	Corticosteroids, moderately potent, other combinations	corticosteroids, other combinations	D07XB05
dexamethasone	Corticosteroids, combinations for treatment of acne	anti-acne preparations for topical use	D10AA03
dexamethasone	Glucocorticoids	corticosteroids for systemic use, plain	H02AB02
dexamethasone	Corticosteroids	decongestants and other nasal preparations for topical use	R01AD03
dexamethasone	Corticosteroids, plain	antiinflammatory agents	S01BA01

Notes: [...] He said a number of unregistered drugs were seized from them, which contravenes section 118 of the Public Health Act, ACT 851, which stipulates that a person shall not manufacture, prepare, import, distribute, supply or exhibit for sale of a drug, herbal medicine product, cosmetic or any household chemical substances without approval from FDA.

Mr Akurugu said one of the drugs have been identified as Dexamethasone, which is a corticosteroid used in a wide range of health conditions for its anti-inflammatory and immune-suppressant properties and at the moment used in the management of COVID-19, strictly for patients on ventilators. [...]

5 Fresenius Kabi recalls sedative, cites possible cross-contamination

Publication date	2020-07-23
Create date	
Score	9.07
Report id	659370
Category	Anaesthetic
Quality	Substandard
Source	Unknown
Curation	Manually curated

Snippet: Fresenius Kabi recalls sedative, cites possible cross-contamination Becker's Hospital Review

Click here to see the [Original Article](#)

Table 11: Places for report 659370

Region Name	Country	Location	Latitude	Longitude
Americas	United States	United States	39.76	-98.5
Europe	Germany	Bad Homburg	50.22683	8.61816

Table 12: Drugs for report 659370

Medicine Name	Medicine Class	Action	ATC Code
dexmedetomidine	Other hypnotics and sedatives	hypnotics and sedatives	N05CM18

Notes:

6 Cameroon : 240 cartons of fake chloroquine seized - 2020-07-17

Publication date	2020-07-17
Create date	2020-07-20
Score	7.98
Report id	651447
Category	Anti-malarial, Opioid
Quality	Falsified
Source	Land point of entry
Curation	Manually curated

Snippet: Custom officers report that they have seized a consignment of illicit medicines in the Adamawa Region. The medicines were being transported in two trucks. The haul included 240 cartons of fake chloroquine and 1500 cartons of injectable tramadol which were … Continue reading → The post Cameroon : 240 cartons of fake chloroquine seized appeared first on .

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Table 13: Places for report 651447

Region Name	Country	Location	Latitude	Longitude
Central Africa	Cameroon	Adamaoua	6.83333	13.25

Table 14: Drugs for report 651447

Medicine Name	Medicine Class	Action	ATC Code
chloroquine	Aminoquinolines	antimalarials	P01BA01
tramadol	Other opioids	opioids	N02AX02

Notes: Custom officers report that they have seized a consignment of illicit medicines in the Adamawa Region. The medicines were being transported in two trucks. The haul included 240 cartons of fake chloroquine and 1500 cartons of injectable tramadol which were packaged in match boxes.

7 Mexique : Fake Plaquenil uncovered - 2020-07-06

Publication date	2020-07-06
Create date	2020-07-16
Score	6.96
Report id	645609
Category	Anti-malarial
Quality	Falsified
Source	Unspecified outlet
Curation	Manually curated

Snippet: The Federal Commission for the Protection against Sanitary Risk (COFREPRIS) has received an official letter from Sanofi-Aventis in Mexico in reference to a consumer complaint. An enquiry was opened following the complaint over the falsification of Plaquenil 200 mg. The
Continue reading
The post Mexique : Fake Plaquenil uncovered appeared first on .

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Table 15: Places for report 645609

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102

Table 16: Drugs for report 645609

Medicine Name	Medicine Class	Action	ATC Code
hydroxychloroquine	Aminoquinolines	antimalarials	P01BA02

Table 17: Other Stories

ID	Title	Link
651450	Mexico : Fake Plaquenil uncovered - 2020-07-17	Link

Notes: The Federal Commission for the Protection against Sanitary Risk (COFREPRIS) has received an official letter from Sanofi-Aventis in Mexico in reference to a consumer complaint. An enquiry was opened following the complaint over the falsification of Plaquenil 200 mg. The product was bubble-wrapped in a cardboard box of 20 tablets with lot number 9MXA006 and an expiry date of May 22. The Sanofi-Aventis lab in Mexico has reported that an investigation

and screening tests have revealed that the fake product does not contain hydroxychloroquine. The primary and secondary packaging also appears to have been tampered with: the printing is of poor quality and the font is a different color.

8 FIR filed against seven for smuggling in Remdesivir

Publication date	2020-07-29
Create date	2020-07-30
Score	6.70
Report id	667788
Category	Antiviral others
Quality	Diverted/Unregistered
Source	Unknown
Curation	Manually curated

Snippet: FIR filed against seven for smuggling in Remdesivir Ahmedabad Mirror

Click here to see the [Original Article](#)

Table 18: Places for report 667788

Region Name	Country	Location	Latitude	Longitude
Southern Asia	India	Srat	21.19594	72.83023
Southern Asia	India	Ahmedabad	23.02579	72.58727

Notes: After taking over the fake Tocilizumab case from Vastrapur police, the Crime Branch will also investigate the case of smuggling and overpricing of Remdesivir in Gujarat Ahmedabad Crime Branch on Tuesday registered a case against seven persons apart from other anonymous ones for procuring a Covid-19 drug illegally brought from Bangladesh. The drug was being sold at high rates to desperate family members of Covid-19 patients fighting the disease in hospitals in Gujarat. The police booked Vaishali Goyani and her husband Parth Goyani, and Shekhar Adroja, partners in Nilkanth Elixir LLP, a pharmaceutical stockist firm in Vejalpur, along with their employee Darshan Soni and their commission agent Sandip Mathukiya, for criminal conspiracy in illegally obtaining various brands of Remdesivir drug from a Bangladeshi citizen named Shabbir Ahmed without any import licence. [...]

9 Police intercept container loaded with counterfeit contraband' drugs

Publication date	2020-07-25
Create date	2020-07-26
Score	5.61
Report id	661997
Category	Vitamin, Antiparasitic, Antibiotic, Other, Dermatological medicine, Opioid
Quality	Substandard or Falsified
Source	Unlicensed outlets
Curation	Manually curated

Snippet: Police intercept container loaded with counterfeit contraband' drugs The Nation Newspaper

Click here to see the [Original Article](#)

Table 19: Places for report 661997

Region Name	Country	Location	Latitude	Longitude
Western Africa	Nigeria	Apapa	6.42926	3.3493

Table 20: Drugs for report 661997

Medicine Name	Medicine Class	Action	ATC Code
amoxicillin	Penicillins with extended spectrum	beta-lactam antibacterials, penicillins	J01CA04
ampicillin, combinations	Penicillins with extended spectrum	beta-lactam antibacterials, penicillins	J01CA51
multivitamins and iron	Multivitamins with minerals	multivitamins, combinations	A11AA01
metoclopramide	Propulsives	propulsives	A03FA01
methylestrenolone	Estren derivatives	progestogens	G03DC31
albendazole	Benzimidazole derivatives	antinematodal agents	P02CA03
cloxacillin	Beta-lactamase resistant penicillins	beta-lactam antibacterials, penicillins	J01CF02

Table 20: Drugs for report 661997(continued)

Medicine Name	Medicine Class	Action	ATC Code
codeine	Opium alkaloids and derivatives	cough suppressants, excl. combinations with expectorants	R05DA04
bacitracin	Other antibiotics for topical use	antibiotics for topical use	D06AX05
bacitracin	Other antibacterials	other antibacterials	J01XX10
bacitracin	Antibiotics	throat preparations	R02AB04
chloramphenicol	Other antibiotics for topical use	antibiotics for topical use	D06AX02
chloramphenicol	Antiinfectives for treatment of acne	anti-acne preparations for topical use	D10AF03
chloramphenicol	Antibiotics	antiinfectives and antiseptics, excl. combinations with corticosteroids	G01AA05
chloramphenicol	Amphenicols	amphenicols	J01BA01
chloramphenicol	Antibiotics	antiinfectives	S01AA01
chloramphenicol	Antiinfectives	antiinfectives	S02AA01
chloramphenicol	Antiinfectives	antiinfectives	S03AA08
neomycin, combinations	Antibiotics	intestinal antiinfectives	A07AA51
tramadol	Other opioids	opioids	N02AX02
sulfamethoxazole and trimethoprim	Combinations of sulfonamides and trimethoprim, incl. derivatives	sulfonamides and trimethoprim	J01EE01
			D
amoxicillin and enzyme inhibitor	Combinations of penicillins, incl. beta-lactamase inhibitors	beta-lactam antibacterials, penicillins	J01CR02

Notes: Police operatives attached to the Area B Command, Apapa, Lagos, have intercepted a Seaco container with tons of suspected adulterated and contraband drugs.

The container which was shipped from Asia, had cartons of scrubbing brushes carefully packed to conceal the contraband and counterfeit drugs.

It was gathered that a police patrol team discovered the container inside Eleganza Plaza in Apapa while it was offloading the goods into another truck with neither clearance from the Nigerian Customs Service (NCS) nor bill of landing of the container with number SEGU 6326800. [...] Consequently, the two trucks with registration numbers KTU216XG and SNK700XV were impounded and a search conducted on them only for the police to discover abortion pills, tramadol, cough syrup with codeine which are contraband drugs as well as suspected adulterated GSK and other brands of medications. Among items discovered were 997 cartons of CSD with Codeine Cough Syrup for throat and chesty Coughs with batch number CSDD-1903; 54 cartons

of Tramadol tablets; 58 cartons of 250mg GSK Ampiclox Syrup with batch number YK2J; 15 cartons of 20g GSK Cicatrin (3895); two cartons of GSK CAC1000 plus (TD7L) and a carton of 125mg of GSK Amoxil Syrup (SM4X).

Others include nine cartons of 50ml GSK Septran suspension with batch number 5M5W; 17 cartons of 10ml GSK Zentel suspension (3M9T); a carton of 156.25mg GSK Augmentin (SA38); one carton (less two bottle) of 250ml Vitaglobin Syrub Iron plus Vitamins (782); 16 cartons of 10ml Mb Chlor Chloramphenicol USP (181); 23 cartons of 50ml Maxolan Metoclopramide HCl Syrup (UB4N); three cartons of Efrose Gynaecosid (P05) with NAFDAC registration number 04-4162; a carton of Stepsiril Comfort Original as well as 333 cartons of scrubbing brushes. However, our Correspondent gathered that the NAFDAC number 04-4162 on Efrose Gynaecosid, a drug primary meant for the treatment of amenorrhea but illegally used as abortion pill might be fake.

Checks by The Nation revealed that the counterfeit drugs were produced in Pakistan and a regular practice by dealers who flood Nigerian markets with lesser quality of branded medication to make profit. [...]

10 \$1.8 Million In Erectile Dysfunction Pills, Heartburn Medication, Counterfeit Designer Products Seized At LAX

Publication date	2020-07-27
Create date	2020-07-28
Score	4.97
Report id	664310
Category	Erectile dysfunction medicine, Antacid
Quality	Diverted/Unregistered
Source	Airport
Curation	Manually curated

Snippet: \$1.8 Million In Erectile Dysfunction Pills, Heartburn Medication, Counterfeit Designer Products Seized At LAX CBS Los Angeles

Click here to see the [Original Article](#)

Table 21: Places for report 664310

Region Name	Country	Location	Latitude	Longitude
Americas	United States	Los Angeles	34.05223	-118.24368

Table 22: Drugs for report 664310

Medicine Name	Medicine Class	Action	ATC Code
sildenafil	Drugs used in erectile dysfunction	urologicals	G04BE03
ranitidine	H2-receptor antagonists	drugs for peptic ulcer and gastro-oesophageal reflux disease (gord)	A02BA02

Table 23: Other Stories

ID	Title	Link
664320	Fake Gucci, Chanel and thousands of erectile dysfunction pills seized at LAX, feds say	Link
665374	Erectile Dysfunction Pills and Other Fake Products Seized At LAX	Link

Table 23: Other Stories(continued)

ID	Title	Link
672577	Erectile Dysfunction Pills and Other Fake Products Seized At LAX	Link
664142	Counterfeit Item Seized at LAX With Estimated Value of More than \$1.8 Million	Link
672102	Feds seize fake Gucci, Chanel products, erectile dysfunction pills at LA airport	Link
668857	US US authorities seize counterfeit Viagra and Zantac at airport	Link
667583	\$1.8m in fake designer goods, medicines seized at LAX	Link

Notes: [...] Among the seized items were counterfeit handbags, shoes, watches, T-shirts, purses, sandals, gym bags, dresses, belts and ball caps bearing the logos of YSL, Louis Vuitton, Chanel, Versace, Gucci, Rolex, Dior, Michael Kors, Tiffany & Co., Burberry and Christian Louboutin. The same shipment included 2,160 pills of Sildenafil which is used to treat erectile dysfunction and is also known as generic Viagra and 4,500 pills of Ranitidine Hydrochloride, which is used to treat heartburn and stomach ulcers, and is also known as generic Zantac.

The pills were not necessarily counterfeit, but considered "unauthorized" because FDA authorization is required for importation of medication into the U.S., according to Customs and Border Protection spokesman Jaime Ruiz. [...]

11 FDA warns consumers about hand sanitizer products containing methanol

Publication date	2020-07-02
Create date	2020-07-06
Score	4.37
Report id	631846
Category	Antiseptic
Quality	Diverted/Unregistered
Source	Manufacturer
Curation	Manually curated

Snippet: FDA warns consumers about hand sanitizer products containing methanol WTVD-TV

Click here to see the [Original Article](#)

Table 24: Places for report 631846

Region Name	Country	Location	Latitude	Longitude
Americas	Mexico	Mexico	23	-102
Americas	United States	United States	39.76	-98.5

Table 25: Drugs for report 631846

Medicine Name	Medicine Class	Action	ATC Code
			D08
		antiseptics and disinfectants	D08A

Table 26: Other Stories

ID	Title	Link
634884	USA warns not to use Mexican disinfectant gel for methanol	Link
632598	FDA expands list of hand sanitizer products with methanol	Link
639552	Still more hand sanitizers recalled: Here's a list of brands to avoid, according to the FDA	Link
636487	FDA warns some hand sanitizers could be hazardous to health, contain toxic substance	Link

Table 26: Other Stories(continued)

ID	Title	Link
631890	The FDA says these hand sanitizers could kill you	Link
617555	US warns against Mexican sanitizer gel containing methanol	Link
636755	FDA Adds 5 More Products to Growing List of Toxic' Hand Sanitizers	Link
644694	FDA adds more hand sanitizers to list of toxic brands	Link
638043	FDA expands list of hand sanitizers considered toxic due to methanol	Link
642914	FDA issues warning on use of methanol-based hand sanitizers	Link
633702	FDA issues warning about hand sanitizer products contaminated with methanol	Link
635754	FDA Adds 5 'Toxic' Hand Sanitizers to an Already Dangerous List, Now at 14	Link
636266	FDA warns of sharp increase in hand sanitizer products contaminated with methanol	Link
639359	FDA warns consumers about hand sanitizer products containing methanol	Link
632199	FDA warns of potentially toxic hand sanitizers	Link
665998	FDA warns consumers about hand sanitizer products containing methanol	Link
638111	FDA adds more hand sanitizers to list of toxic brands	Link
644780	FDA adds methanol warning to more coronavirus hand sanitizer products	Link
641209	Contaminated hand sanitizers pose public health risk	Link
639690	FDA Issues Warning About Certain Hand Sanitizers Containing Methanol - Communications Office	Link
646859	FDA warns consumers about hand sanitizer products containing methanol	Link
659921	FDA expands list of toxic hand sanitizers to avoid	Link
640751	FDA expands list of hand sanitizer products with methanol	Link
636410	FDA adds to list warning of potentially toxic hand sanitizers	Link

Notes: [...] Last month, the FDA warned consumers about hand sanitizer products manufactured by Mexican company Eskbiochem SA de CV, which contained methanol.

The FDA has since expanded its list of specific products to avoid beyond the ones produced by Eskbiochem SA de CV. See the full list below:

Grupo Insoma, S.A.P.I de CV (Mexico), Hand sanitizer Gel Unscented 70% Alcohol (NDC: 75744-0200-3, 75744-0200-4, 75744-0201-5, 75744-0202-1, 75744-0250-1, 75744-0250-2, 75744-0500-1, 75744-1000-1, 75744-1000-3, 75744-1001-1) Transliquid Technologies (Mexico), Mystic Shield Protection hand sanitizer (NDC: 75477-435-02, 75477-435-10, 75477-435-12, 75477-435-25, 75477-435-50, 75477-534-10) Soluciones Cosmeticas SA de CV (Mexico), Bersih Hand

Sanitizer Gel Fragrance Free (NDC: 75165-003-02, 75165-004-01, 75165-005-01, 75165-006-01, 75165-008-01, 75165-250-01, 75165-600-01) Soluciones Cosmeticas SA de CV (Mexico), Antiseptic Alcohol 70% Topical Solution hand sanitizer (NDC: Not listed) Tropicosmeticos SA de CV (Mexico), Britz Hand Sanitizer Ethyl Alcohol 70% (NDC: 76676-402-01, 77676-402-02, 77676-402-03, 77676-402-04, 77676-402-05, 77676-402-06, 77676-402-07, 77676-402-08, 77676-402-09, 77676-402-10, 77676-402-11, 77676-402-12, 77676-402-13, 77676-402-14, 77676-402-16, 77676-402-17, 77676-402-18, 77676-402-19, 77676-402-20) Eskbiochem SA de CV (Mexico), All-Clean Hand Sanitizer (NDC: 74589-002-01) Eskbiochem SA de CV (Mexico), Esk Biochem Hand Sanitizer (NDC: 74589-007-01) Eskbiochem SA de CV (Mexico), Lavar 70 Gel Hand Sanitizer (NDC: 74589-006-01) Eskbiochem SA de CV (Mexico), The Good Gel Antibacterial Gel Hand Sanitizer (NDC: 74589-010-10) Eskbiochem SA de CV (Mexico), CleanCare NoGerm Advanced Hand Sanitizer 80% Alcohol (NDC: 74589-005-03) Eskbiochem SA de CV (Mexico), CleanCare NoGerm Advanced Hand Sanitizer 75% Alcohol (NDC: 74589-009-01) Eskbiochem SA de CV (Mexico), CleanCare NoGerm Advanced Hand Sanitizer 80% Alcohol (NDC: 74589-003-01) Eskbiochem SA de CV (Mexico), Saniderm Advanced Hand Sanitizer (NDC:74589-001-01) [...]

12 DDA bans sales and distribution of two medicines

Publication date	2020-07-08
Create date	2020-07-10
Score	3.06
Report id	639086
Category	Analgesic, Antibiotic
Quality	Substandard
Source	Unspecified outlet
Curation	Manually curated

Snippet: DDA bans sales and distribution of two medicines Khabarhub

Click here to see the [Original Article](#)

Table 27: Places for report 639086

Region Name	Country	Location	Latitude	Longitude
Southern Asia	Nepal	Kathmandu	27.70169	85.3206

Table 28: Drugs for report 639086

Medicine Name	Medicine Class	Action	ATC Code
paracetamol	Anilides	other analgesics and antipyretics	N02BE01
metronidazole	Antiinfectives and antiseptics for local oral treatment	stomatological preparations	A01AB17
metronidazole	Other chemotherapeutics	chemotherapeutics for topical use	D06BX01
metronidazole	Imidazole derivatives	antiinfectives and antiseptics, excl. combinations with corticosteroids	G01AF01
metronidazole	Imidazole derivatives	other antibacterials	J01XD01
metronidazole	Nitroimidazole derivatives	agents against amoebiasis and other protozoal diseases	P01AB01

Notes: The Department of Drug Administration (DDA) has banned the sale and distribution of two types of drugs citing they being of substandard quality.

The DDA, during market monitoring, slapped prohibition against sale and distribution of the two types of medicines produced by Lomus Pharmaceuticals Pvt Ltd, DDA director general Narayan Prasad Dhakal said.

The banned drugs include Metro-400 (Metronidazole tablet BP 400 mg) and Cetophen (Paracetamol tablet BP 500 mg).

The DDA has ordered the pharmaceutical company to immediate recall these two drugs from the market and the authorised dealers to stop their sale and distribution as per Clause 14 of the Drugs Act 2035 BS. [...]