

Center for Vaccine
Ethics and Policy



Vaccines and Global Health: The Week in Review
7 September 2019
Center for Vaccine Ethics & Policy (CVEP)

This weekly digest targets news, events, announcements, articles and research in the vaccine and global health ethics and policy space and is aggregated from key governmental, NGO, international organization and industry sources, key peer-reviewed journals, and other media channels. This summary proceeds from the broad base of themes and issues monitored by the Center for Vaccine Ethics & Policy in its work: it is not intended to be exhaustive in its coverage.

*Vaccines and Global Health: The Week in Review is also **posted in pdf form** and as a set of blog posts at <https://centerforvaccineethicsandpolicy.net>. This blog allows full-text searching of over 8,000 entries.*

Comments and suggestions should be directed to

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Request an email version: *Vaccines and Global Health: The Week in Review is published as a single email summary, scheduled for release each Saturday evening at midnight (EST/U.S.). If you would like to receive the email version, please send your request to david.r.curry@centerforvaccineethicsandpolicy.org.*

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Milestones :: Perspectives :: Research

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Statement by WHO Director-General on Facebook and Instagram

4 September 2019

Statement Geneva

The World Health Organization welcomes the [commitment by Facebook](#) to ensure that users find facts about vaccines across Instagram, Facebook Search, Groups, Pages and forums where people seek out information and advice.

Facebook will direct millions of its users to WHO's accurate and reliable vaccine information in several languages, to ensure that vital health messages reach people who need them the most. The World Health Organization and Facebook have been in discussions for several months to ensure people can access authoritative information on vaccines and reduce the spread of inaccuracies.

Vaccine misinformation is a major threat to global health that could reverse decades of progress made in tackling preventable diseases.

Many debilitating and deadly diseases can be effectively prevented by vaccines. Think measles, diphtheria, hepatitis, polio, cholera, yellow fever, influenza...

Major digital organizations have a responsibility to their users -- to ensure that they can access facts about vaccines and health. It would be great to see social and search platforms come together to leverage their combined reach.

We want digital actors doing more to make it known around the world that #VaccinesWork.

We want innovation that supports healthy behaviours to save lives and protect the vulnerable. So many children whose parents fully support vaccination currently lack access to these life-saving tools.

These online efforts must be matched by tangible steps by governments and the health sector to promote trust in vaccination and respond to the needs and concerns of parents.

Let's not miss more opportunities to prevent the spread of some of the world's deadliest diseases. #healthforall

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Global Polio Eradication Initiative (GPEI) – Investment case 2019-2023

September 2019 :: 48 pages

Executive Summary

[Excerpt; Editor's text bolding]

...The Polio Endgame Strategy 2019–2023

The purpose of the Polio Endgame Strategy 2019–2023 is to achieve eradication of all polioviruses. Key to the success of the programme is the continued use of proven strategies, such as the surveillance of acute flaccid paralysis, environmental surveillance and supplementary immunization activities.

To meet the final challenges, the new strategy leverages the GPEI's systematic collaboration with other health and humanitarian programmes. This model of collaboration will enable the GPEI and its partners to identify potential synergies, share information for action, increase capacity and more fully meet the health and humanitarian needs of communities. **As a key example of this, the CEO of Gavi, the Vaccine Alliance, joined the Polio Oversight Board (POB) in March 2019.** Gavi's commitment to bringing together public and private sectors in support of global health equity makes them an ideal partner for strengthening immunization systems and sustaining health gains achieved through the eradication effort.

The GPEI is also working with development agencies and nongovernmental organizations to explore how projects in complementary essential service sectors – such as water, sanitation and hygiene, nutrition, education and primary health care – can be prioritized to meet the basic needs of communities who are also at high risk of polio. As the basic needs of underserved and impoverished children and families are increasingly met, communities will be more likely to welcome the polio vaccine and other health interventions delivered through the GPEI and its partners.

GPEI budgetary requirements

In September 2018, the POB approved a multiyear budget that defines the resource requirements of the GPEI from 2019 to 2023. **The total cost is US\$ 4.2 billion, including US\$ 3.27 billion in incremental costs beyond what has already been secured for 2013–2019.** The new budget makes investments to sustain and intensify key interventions, with costs reducing incrementally over time to reflect anticipated programmatic progress. This will specify target reductions to contain costs.

Without the additional US\$ 3.27 billion, the GPEI cannot proceed with all of the requirements to ensure that it is in the best possible position to eradicate polio. Polio activities that protect non-endemic countries from international spread will be immediately at risk without donor backing. Support to countries that are at higher risk of an outbreak could also see cuts if financial commitments are not secured. While the programme is equipped to make tough decisions by prioritizing essential activities in endemic countries, its capacity to protect children around the world from a debilitating and deadly disease could be severely impacted without donor funding.

The GPEI's value for money

Substantiating the impact of investing in polio eradication, recent modelling attests that eradicating polio will generate US\$ 14 billion in expected cumulative cost savings by 2050, when compared with the cost countries will incur for controlling

the virus indefinitely. In financial terms, the global effort to eradicate polio has already saved more than US\$ 27 billion in health costs since 1988.

Investing in polio eradication is both an entry point and a foundation for investing in broad global health interventions, many of which support the Sustainable Development Goals – most notably universal health coverage and its protection against medical impoverishment through equitable access to safe, affordable, and effective vaccines.

Through its expansive network of community-based workers and volunteers, the GPEI operates in parts of the world that have been previously unreached by health interventions, which is a unique asset for health service delivery. Female frontline workers have been especially effective at establishing trust with affected communities. **The GPEI has also been uniquely placed to deliver more than polio vaccines, including through the delivery of vitamin A, antimalarial bednets, and deworming tablets, and through its on-the-ground support for epidemics and humanitarian crises,** notably the Ebola outbreak.

The power of vaccines

Eradicating polio will be an achievement that should not be underestimated, but the political will to ensure that efforts continue is also not a given. Bold financial and political commitments from both governments and institutional donors are needed to rid the world of this disease.

Ultimately, those efforts will not only protect future children from polio, they will also ensure that the world remains polio-free and that the resources and infrastructure built by the GPEI can be transferred to support other health needs.

Now, as the world faces unforeseen threats to hard-won progress from the spread of misinformation and the rise of vaccine hesitancy, the GPEI presents a unique opportunity. By reaching this historic goal, polio eradication will send a strong message. It will provide both irrefutable evidence of the transformative power of vaccines and proof of what the world can achieve by joining efforts in support of the global good.

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Statement

[IFPMA calls for regulatory convergence to speed up development of much needed vaccines](#)

GENEVA, 2 September 2019 – Today, the International Federation of Pharmaceutical Manufacturers and Associations (IFPMA) launched a new report titled '[Complex Journey of a Vaccine: The Steps behind Developing a New Vaccine](#)'.

The report highlights three major factors that contribute to the lengthy development process of a novel vaccine, and highlights the challenges that manufacturers face when submitting Clinical Trial Applications (CTA):

:: Absence of clear regulations or guidance available that describe the requirements for clinical trials and genetically modified organisms ahead of submission. There is often no possibility to discuss with the regulatory authorities beforehand for a better mutual understanding of the process / product. This implies unnecessary waiting periods to respond to queries which could

have been handled in the initial application phase, resulting in a waste of resources – both on the manufacturer and regulatory authority side.

:: Lack of a global standard with regards to both the dossier content and its format, with some countries introducing country-specific and unique requirements. In some instances, CTA applications are in a harmonized format, while in other instances country specific formats are applicable. Some countries and regions require electronic submissions, whereas others request paper submissions. This can lead to many different dossiers for a single study, adding to the complexity to run multinational clinical trials.

:: Unpredictability of review timelines by countries: clinical trial approvals can take from 30 days to several months or even years.

The existence of divergent regulatory requirements across the world significantly slows down the manufacturers' ability to timely deliver products which have the potential to protect people from devastating infectious diseases where no other prevention or treatment options exist. As vaccines are typically targeting healthy people, it is paramount to rigorously test the safety, efficacy and quality of vaccines. To speed up, there is a need to inject a dose of efficiency and predictability in the regulatory processes.

It is estimated that inefficient CTA and (non-harmonized) GMO processes can negatively impact the possibility to license new products by more than three years.

The [Complex Journey of a Vaccine](#) report provides 8 key recommendations on what can be done to speed up innovative vaccine development. Convergence towards common global standards for CTA requirements, reliance and ultimately, mutual recognition of CTA approvals, will result in enabling a robust and timely development of much needed vaccines.

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Emergencies

Ebola – DRC+

Public Health Emergency of International Concern (PHEIC)

No regular weekly updates identified.

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[Ridgeback Biotherapeutics LP announces receipt of Breakthrough Therapy designation from FDA for mAb114](#)

MIAMI, Sept. 6, 2019 /PRNewswire/ -- Ridgeback Biotherapeutics LP, a closely held biotechnology company, today announced that the Food and Drug Administration has recently granted mAb114, **an experimental treatment for Ebola**, Breakthrough Therapy designation...

"The FDA's decision to grant mAb114 Breakthrough Therapy designation for the treatment of Ebola reflects a recognition of the promising efficacy and safety data that has been collected to date for this investigational drug. We plan to work closely with the FDA as we continue to advance our development program for mAb114. **The substantial survival improvement seen with mAb114 in the PALM trial catalyzed this important regulatory milestone. We are grateful to our PALM partners for all of their help in advancing treatments for Ebola patients and our ultimate gratitude goes to the study's participants and their families.** Their trust and support will change the course of this disease," said Wendy Holman, CEO of Ridgeback Biotherapeutics.

About Pamoja Tulinde Maisha (PALM):

The PALM study is co-sponsored and funded by the INRB (Institut National de Recherche Biomédicale) and the National Institute of Allergy and Infectious Diseases (NIAID) of the US National Institutes of Health and carried out by an international research consortium coordinated by the World Health Organization (WHO). **The Ebola treatment centers in the PALM trial have been overseen by staff from the Institut National de Recherche Biomédicale (INRB); the DRC Ministry of Health; and three medical humanitarian organizations: the Alliance for International Medical Action (ALIMA), the International Medical Corps (IMC), and Médecins Sans Frontières (MSF).**

About mAb114:

mAb114 is a monoclonal antibody — a protein that binds to a single target on a pathogen — isolated from a human survivor of the 1995 Ebola outbreak in Kikwit, a city in the DRC...

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POLIO

Public Health Emergency of International Concern (PHEIC)

Polio this week as of 28 August 2019

:: The Technical Advisory Group on Polio Eradication in Pakistan met on 29 – 30 August to discuss the challenges faced by the programme and propose recommendations for transforming key aspects in the programme strategy for polio eradication.

:: An Investment case has been launched in order to ensure the GPEI's funding requirements are fully financed until eradication and certification.

[See Milestones above for detail]

:: The August Polio News with the latest news, polio in numbers and funding updates is now available.

Summary of new viruses this week:

:: ***Afghanistan*** — two wild poliovirus type 1 (WPV1) cases,

:: ***Myanmar*** — one circulating vaccine-derived poliovirus type 1 (cVDPV1) case,

:: ***Angola*** — two circulating vaccine-derived poliovirus type 2 (cVDPV2) cases,

:: ***Ethiopia*** — one cVDPV2 case;

:: ***Democratic Republic of the Congo*** — six (cVDPV2 cases).

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Editor's Note:

WHO has posted a [refreshed emergencies page](#) which presents an updated listing of Grade 3,2,1 emergencies as below.

WHO Grade 3 Emergencies [to 7 Sep2019]

Democratic Republic of the Congo

:: Local vaccinators build trust in Beni, the Democratic Republic of the Congo
2 September 2019 *Vaccination team 29 is composed entirely of Congolese health workers*

Syrian Arab Republic

:: WHO statement on attacks against health care in north-west Syria 2 September 2019

Nigeria - *No new digest announcements identified*

Mozambique floods - *No new digest announcements identified*

Somalia - *No new digest announcements identified*

South Sudan - *No new digest announcements identified*

Yemen - *No new digest announcements identified*

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WHO Grade 2 Emergencies [to 7 Sep2019]

Cameroon - *No new digest announcements identified*

Libya - *No new digest announcements identified*

MERS-CoV

:: WHO statement on the tenth meeting of the IHR Emergency Committee regarding MERS
3 September 2015

Afghanistan - *No new digest announcements identified*

Angola - *No new digest announcements identified*

Burkina Faso [in French] - *No new digest announcements identified*

Burundi - *No new digest announcements identified*

Central African Republic - *No new digest announcements identified*

Ethiopia - *No new digest announcements identified*

HIV in Pakistan - *No new digest announcements identified*

Iran floods 2019 - *No new digest announcements identified*

Iraq - *No new digest announcements identified*

Malawi floods - *No new digest announcements identified*

Measles in Europe - *No new digest announcements identified*

Myanmar - *No new digest announcements identified*

Niger - *No new digest announcements identified*

occupied Palestinian territory - *No new digest announcements identified*

Sudan - *No new digest announcements identified*

Ukraine - *No new digest announcements identified*

Zimbabwe - *No new digest announcements identified*

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WHO Grade 1 Emergencies [to 7 Sep2019]

Chad - *No new digest announcements identified*

Djibouti - *No new digest announcements identified*

Kenya - *No new digest announcements identified*

Mali - *No new digest announcements identified*

Namibia - viral hepatitis - *No new digest announcements identified*

Tanzania - *No new digest announcements identified*

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UN OCHA – L3 Emergencies

The UN and its humanitarian partners are currently responding to three 'L3' emergencies. This is the global humanitarian system's classification for the response to the most severe, large-scale humanitarian crises.

Syrian Arab Republic

:: Syrian Arab Republic: Recent Developments in Northwestern Syria Situation Report No. 11 - as of 6 September 2019

Yemen - *No new digest announcements identified*

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UN OCHA – Corporate Emergencies

When the USG/ERC declares a Corporate Emergency Response, all OCHA offices, branches and sections provide their full support to response activities both at HQ and in the field.

Editor's Note:

Ebola in the DRC has been added as a OCHA "Corporate Emergency" this week:

CYCLONE IDAI and Kenneth - *No new digest announcements identified*

EBOLA OUTBREAK IN THE DRC - *No new digest announcements identified*

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WHO & Regional Offices [to 7 Sep2019]

News release

Accelerate efforts to eliminate cervical cancer

New Delhi, 6 September 2019: World Health Organization urged countries in its South-East Asia Region to accelerate efforts to eliminate cervical cancer by 2030.

"Countries need to expand vaccination, screening, detection and treatment services for everyone, everywhere to address the growing problem of cervical cancer," said Dr Poonam Khetrpal Singh, Regional Director WHO South-East Asia, at the Seventy Second Session of WHO Regional Committee here in Delhi...

Statement

4 September 2019

[Vaccine Misinformation: Statement by WHO Director-General on Facebook and Instagram](#)

[See Milestones/Perspective above for detail]

Statement

3 September 2019

[WHO Director-General calls on world leaders to support Universal Health Coverage high-level meeting](#)

News release

[WHO statement on attacks against health care in north-west Syria](#)

Cairo, 2 September 2019 – WHO is gravely concerned about reported attacks on 7 health care facilities in the north west of Syria from 28 to 30 August 2019. Attacks on 4 facilities have been verified according to WHO reporting standards, and 3 are in process of verification.

The facilities include 4 hospitals and 2 primary health care centres that were functional at the time they were hit...

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Research

[Essential Nutrition Actions: mainstreaming nutrition throughout the life course](#)

World Health Organization

2019 :: 191 pages

PDF: <https://apps.who.int/iris/bitstream/handle/10665/326261/9789241515856-eng.pdf?ua=1>

Overview

Primary health care is the foundation of universal health coverage; it is a whole-of-society approach to health and well-being, centred on the needs and preferences of individuals, families and communities. Nutrition is a foundation for health and well-being for all, leaving no one behind, and a critical component of primary health care, through its promotion and prevention, addressing its determinants, and a people-centred approach.

Healthier populations are achieved through multisectoral actions that are not limited to health systems alone, though often using the stewardship, advocacy and regulatory functions of health ministries. Optimal nutrition for individual health and development bridges interventions by health systems to improve the health of populations.

Interventions addressing health through the life-course (covering women, men, infants, children, adolescents and older persons) contribute to the delivery of integrated primary health care. A life-course approach is critical to operationalize the worldwide commitment to people-centred primary health care.

This publication's primary purpose is to provide a compilation of actions to address malnutrition in all its forms, in a concise and user-friendly format to help in decision-making processes for integration of nutrition interventions in national health policies, strategies, and plans based on country-specific needs and global priorities.

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region AFRO

:: WHO and partners to help the Government [DRC] boost health facility defences against Ebola... 06 September 2019

:: Eritrea success story in the areas of HIV, TB and Malaria programs 05 September 2019

:: Ebola simulation drills in Tanzania trade worry for calm at border entry points 05 September 2019

:: Searching for polio in unusual places in Tanzania 05 September 2019

:: Addressing unmet health needs of conflict-affected IDPs in North-east Nigeria 03 September 2019

WHO Region of the Americas PAHO

:: PAHO Supports Bahamas Response with Emergency Medical Teams (09/06/2019)

:: Bahamas Health Officials Respond to Hurricane Dorian with PAHO's support (09/03/2019)

WHO South-East Asia Region SEARO

:: Accelerate efforts to eliminate cervical cancer: WHO SEAR/PR/1720 6 September 2019

WHO European Region EURO

:: Preventable trauma in childhood costs north America and Europe US\$ 1.3 trillion a year 04-09-2019

:: In Europe, people continue to consume more alcohol than in any other place in the world 04-09-2019

WHO Eastern Mediterranean Region EMRO

:: Strengthening universal health coverage in the occupied Palestinian territory
4 September 2019

WHO Western Pacific Region

No new digest content identified.

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CDC/ACIP [to 7 Sep2019]

<http://www.cdc.gov/media/index.html>

<https://www.cdc.gov/vaccines/acip/index.html>

Latest News

No new digest content identified.

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Africa CDC [to 7 Sep2019]

<http://www.africacdc.org/>

News

No new digest content identified.

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China CDC

<http://www.chinacdc.cn/en/>

No new digest content identified.

National Health Commission of the People's Republic of China

<http://en.nhc.gov.cn/>

Selected Updates and Press Releases

No new digest content identified.

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Announcements

Paul G. Allen Frontiers Group [to 7 Sep2019]

<https://alleninstitute.org/what-we-do/frontiers-group/news-press/>

News

No new digest content identified.

BMGF - Gates Foundation [to 7 Sep2019]

<http://www.gatesfoundation.org/Media-Center/Press-Releases>

No new digest content identified.

Bill & Melinda Gates Medical Research Institute [to 7 Sep2019]

<https://www.gatesmri.org/>

The Bill & Melinda Gates Medical Research Institute is a non-profit biotech organization. Our mission is to develop products to fight malaria, tuberculosis, and diarrheal diseases—three major causes of mortality, poverty, and inequality in developing countries. The world has unprecedented scientific tools at its disposal; now is the time to use them to save the lives of the world's poorest people

No new digest content identified.

CARB-X [to 7 Sep2019]

<https://carb-x.org/>

CARB-X is a non-profit public-private partnership dedicated to accelerating antibacterial research to tackle the global rising threat of drug-resistant bacteria.

09.03.2019 |

CARB-X Strengthens Leadership Team with Appointment of Erin Duffy as Chief of Research and Development (R&D)

CARB-X, a global partnership led by Boston University, today announced the appointment of Erin Duffy, PhD, as Chief of Research and Development (R&D). Dr. Duffy will be responsible for the delivery of CARB-X's global portfolio objectives through her leadership of the R&D alliance teams and the management and governance of CARB-X's portfolio and funding cycles. Dr. Duffy

will join CARB-X's senior executive team and also sit on CARB-X's governing body, the Joint Oversight Committee (JOC).

09.03.2019 |

[CARB-X funds SutroVax to develop a new vaccine to prevent Group A Streptococcal infections](#)

CARB-X, a global partnership led by Boston University, is awarding SutroVax of Foster City, California, USA, up to \$1.64 million in non-dilutive funding with the possibility of \$13.4 million more if certain project milestones are met, to develop an innovative vaccine to prevent Group A Streptococcus (GAS) infections in developing countries and in the developed world.

CEPI – Coalition for Epidemic Preparedness Innovations [to 7 Sep2019]

<http://cepi.net/>

No new digest content identified.

Clinton Health Access Initiative, Inc. (CHAI) [to 7 Sep2019]

<https://clintonhealthaccess.org/about/>

News & Press Releases

No new digest content identified.

EDCTP [to 7 Sep2019]

<http://www.edctp.org/>

The European & Developing Countries Clinical Trials Partnership (EDCTP) aims to accelerate the development of new or improved drugs, vaccines, microbicides and diagnostics against HIV/AIDS, tuberculosis and malaria as well as other poverty-related and neglected infectious diseases in sub-Saharan Africa, with a focus on phase II and III clinical trials

Latest news

No new digest content identified.

Emory Vaccine Center [to 7 Sep2019]

<http://www.vaccines.emory.edu/>

No new digest content identified.

European Medicines Agency [to 7 Sep2019]

<http://www.ema.europa.eu/ema/>

News and press releases

[News: Meeting highlights from the Pharmacovigilance Risk Assessment Committee \(PRAC\) 2-5 September 2019](#)

PRAC, Last updated: 06/09/2019

European Vaccine Initiative [to 7 Sep2019]

<http://www.euvaccine.eu/news-events>

Latest news

[EVI Annual Report 2018](#)

04 September 2019

We invite you to read more about how we advanced the development of urgently needed vaccines and other activities we undertook...

[First call for expression of interest for the SENET Expert Groups](#)

03 September 2019

Join the SENET project's Group Meetings and have a say within the health research and innovation landscape between the EU and...

FDA [to 7 Sep2019]

<https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/default.htm>

No new digest content identified.

Fondation Merieux [to 7 Sep2019]

<http://www.fondation-merieux.org/>

September 5, 2019 - *Laos*

[The Center of Infectiology Lao Christophe Mérieux, first laboratory in Laos to obtain accreditation for two ISO standards](#)

The Center of Infectiology Lao Christophe Mérieux in Vientiane, Laos, receives accreditation for ISO 15189:2012 and ISO 15190:2003 standards for HIV viral load testing.

Gavi [to 7 Sep2019]

<https://www.gavi.org/>

Latest news

No new digest content identified.

GHIT Fund [to 7 Sep2019]

<https://www.ghitfund.org/newsroom/press>

GHIT was set up in 2012 with the aim of developing new tools to tackle infectious diseases that devastate the world's poorest people. Other funders include six Japanese pharmaceutical

No new digest content identified.

Global Fund [to 7 Sep2019]

<https://www.theglobalfund.org/en/news/>

News

[India Makes Strong Commitment to Global Fund](#)

03 September 2019

NEW DELHI - The Government of India today announced an increased commitment of US\$22 million to the Global Fund for the next three years, highlighting India's leadership in global efforts to end AIDS, TB and malaria as epidemics and to build stronger health systems...

News

[Global Fund Joins Last Mile Health and Co-Impact to Boost Investment in Community Health Workers](#)

03 September 2019

Updates

[Focus On Private Sector Partnerships](#)

02 September 2019

... Our new publication series, *Focus On Private Sector Partnerships*, highlights the contributions of companies from diverse sectors to step up the fight to end AIDS, TB and malaria by 2030...

Hilleman Laboratories [to 7 Sep2019]

<http://www.hillemanlabs.org/>

No new digest content identified.

Human Vaccines Project [to 7 Sep2019]

<http://www.humanvaccinesproject.org/media/press-releases/>

Press Releases

No new digest content identified.

IAVI [to 7 Sep2019]

<https://www.iavi.org/newsroom>

No new digest content identified.

International Coalition of Medicines Regulatory Authorities (ICMRA)

<http://www.icmra.info/drupal/en/news>

Statements and Press Releases

No new digest content identified.

IFFIm

<http://www.iffim.org/library/news/press-releases/>

No new digest content identified.

IFRC [to 7 Sep2019]

<http://media.ifrc.org/ifrc/news/press-releases/>

Selected Press Releases, Announcements

No new digest content identified.

IVAC [to 7 Sep2019]

<https://www.jhsph.edu/research/centers-and-institutes/ivac/index.html>

Updates

No new digest content identified.

IVI [to 7 Sep2019]

<http://www.ivi.int/>

Selected IVI News & Announcements

No new digest content identified.

JEE Alliance [to 7 Sep2019]

<https://www.jeealliance.org/>

Selected News and Events

No new digest content identified.

MSF/Médecins Sans Frontières [to 7 Sep2019]

<http://www.msf.org/>

Selected News; Project Updates, Reports

Antibiotic resistance

[**Treating resistant infections in Gaza under the blockade**](#)

Project Update 2 Sep 2019

NIH [to 7 Sep2019]

<http://www.nih.gov/news-events/news-releases>

Selected News Releases

[**Disrupting the gut microbiome may affect some immune responses to flu vaccination**](#)

September 6, 2019 — Researchers tracked the study participants' immune response to flu vaccines and the diversity and abundance of the organisms in their gut microbiomes.

PATH [to 7 Sep2019]

<https://www.path.org/media-center/>

September 4, 2019 by PATH

[**Private-sector engagement in Vietnam's HIV response: Leveraging strategic partnerships and innovation to end AIDS by 2030**](#)

The Ministry of Health and USAID/PATH Healthy Markets host workshop entitled Private-Sector Engagement in Vietnam's HIV Response to discuss progress, key enablers, and challenges; and to define direction for the "Ending AIDS by 2030" Strategy

ProMED [Program for Monitoring Emerging Diseases] [to 7 Sep2019]

International Society for Infectious Diseases

<https://www.promedmail.org/announcements/>

Selected Announcements/Posts

No new digest content identified.

Sabin Vaccine Institute [to 7 Sep2019]
<http://www.sabin.org/updates/pressreleases>
No new digest content identified.

UNAIDS [to 7 Sep2019]
<http://www.unaids.org/en>
Selected Press Releases/Reports/Statements
No new digest content identified.

UNICEF [to 7 Sep2019]
<https://www.unicef.org/media/press-releases>
Selected Statements, Press Releases, Reports
Press release

[Children return to school in Ebola-affected regions of the Democratic Republic of the Congo](#)

KINSHASA/DAKAR/GENEVA/NEW YORK, 3 September 2019—Schools have reopened for an estimated two million children living in communities affected by the Ebola outbreak in the eastern Democratic Republic of the Congo (DRC).

“Ebola has had a devastating and disruptive impact on families and communities here,” said UNICEF Representative in the DRC Edouard Beigbeder. “Ensuring that these children have access to safe, protective and welcoming schools is key to helping them regain normalcy and continue their learning.”

There are 6,509 primary and secondary schools in Ebola-affected areas of Ituri, North Kivu and South Kivu Provinces – 3,800 of them are in high-risk areas. Most have reopened for the new school term...

Vaccination Acceptance Research Network (VARN) [to 7 Sep2019]
<https://vaccineacceptance.org/news.html#header1-2r>
No new digest content identified.

Vaccine Confidence Project [to 7 Sep2019]
<http://www.vaccineconfidence.org/>
Posted on 1 Sep, 2019

[Article of the week](#)

Excellent perspectives on vaccine safety and strategies to engage publics – *HL Key Actions To Promote Vaccine Acceptance* By Walter A. Orenstein, MD, associate director at Emory Vaccine Center and professor of medicine, pediatrics, and global health at Emory University.

Vaccine Education Center – Children’s Hospital of Philadelphia [to 7 Sep2019]
<http://www.chop.edu/centers-programs/vaccine-education-center>
No new digest content identified.

Wellcome Trust [to 7 Sep2019]

<https://wellcome.ac.uk/news>

Opinion | 5 September 2019

[Trust, identity and health in a changing world](#)

Simon Chaplin, Director of Culture and Society, Wellcome

What does it mean to be human? A new permanent gallery at Wellcome Collection opens today to explore what being human means in the 21st century. The artworks and objects reflect our changing relationships with ourselves, each other and the world.

The Wistar Institute [to 7 Sep2019]

<https://www.wistar.org/news/press-releases>

Press Release Sep. 6, 2019

[Role of Cancer Protein ARID1A at the Intersection of Genome Stability and Tumor Suppression](#)

Inactivation of ARID1A results in loss of telomere cohesion and selects against gross chromosome alterations, preserving genomic stability in ARID1A-mutated cancers.

World Organisation for Animal Health (OIE) [to 7 Sep2019]

<http://www.oie.int/en/for-the-media/press-releases/2019/>

No new digest content identified.

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ARM [Alliance for Regenerative Medicine] [to 7 Sep2019]

<https://alliancerm.org/press-releases/>

Press Releases

[The Alliance for Regenerative Medicine Releases Statement of Principles on Genome Editing](#)

WaSHINGTON, D.C. – August 27, 2019

The Alliance for Regenerative Medicine (ARM), the international advocacy organization representing the cell and gene therapy and broader regenerative medicine sector, today released a Therapeutic Developers' Statement of Principles, setting forth a bioethical framework for the use of gene editing in therapeutic applications.

The statement, developed by ARM's Gene Editing Task Force and signed by 13 therapeutic developers using gene editing technologies, specifies five key principles for the ethical use of gene editing and genetic modification. This technology, in which DNA is inserted, replaced, removed, or modified at particular locations in the human genome, has the potential to provide a durable or curative effect for patients suffering from a wide variety of serious or potentially fatal genetic disorders. The Statement of Principles has been developed to provide a public perspective from industry on the use these technologies...

BIO [to 7 Sep2019]

<https://www.bio.org/insights/press-release>

No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 7 Sep2019]

<http://www.dcvmn.org/>

Events

DCVMN 20th Annual General Meeting

21 October 2019 to 23 October 2019

Rio de Janeiro / Brazil

IFPMA [to 7 Sep2019]

<http://www.ifpma.org/resources/news-releases/>

Selected Press Releases, Statements, Publications

Statements

IFPMA calls for regulatory convergence to speed up development of much needed vaccines

30 August 2019

[See Milestones/Perspectives above for full text]

PhRMA [to 7 Sep2019]

<http://www.phrma.org/>

Selected Press Releases, Statements

[Website not responding at inquiry]

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Journal Watch

Vaccines and Global Health: The Week in Review continues its weekly scanning of key peer-reviewed journals to identify and cite articles, commentary and editorials, books reviews and other content supporting our focus on vaccine ethics and policy. Journal Watch is not intended to be exhaustive, but indicative of themes and issues the Center is actively tracking. We selectively provide full text of some editorial and comment articles that are specifically relevant to our work. Successful access to some of the links provided may require subscription or other access arrangement unique to the publisher.

If you would like to suggest other journal titles to include in this service, please contact David Curry at: david.r.curry@centerforvaccineethicsandpolicy.org

American Journal of Infection Control

September 2019 Volume 47, Issue 9, p1039-1160

<http://www.ajicjournal.org/current>

[Reviewed earlier]

American Journal of Preventive Medicine

September 2019 Volume 57, Issue 3, p293-428

<http://www.ajpmonline.org/current>

[Reviewed earlier]

American Journal of Public Health

September 2019 109(9)

<http://ajph.aphapublications.org/toc/ajph/current>

[Reviewed earlier]

American Journal of Tropical Medicine and Hygiene

Volume 101, Issue 2, 2019

<http://www.ajtmh.org/content/journals/14761645/101/2>

[Reviewed earlier]

Annals of Internal Medicine

3 September 2019 Vol: 171, Issue 5

<http://annals.org/aim/issue>

[New issue; No new digest content identified]

BMC Cost Effectiveness and Resource Allocation

<http://resource-allocation.biomedcentral.com/>

(Accessed 7 Sep2019)

[No new digest content identified]

BMJ Global Health

July 2019 - Volume 4 - 4

<https://gh.bmj.com/content/4/4>

[Reviewed earlier]

BMC Health Services Research

<http://www.biomedcentral.com/bmchealthservres/content>

(Accessed 7 Sep2019)

Research article

[Influenza and pertussis vaccination during pregnancy – attitudes, practices and barriers in gynaecological practices in Germany](#)

In Germany, antenatal influenza vaccination is recommended since 2010, but uptake remains low. Several countries recently introduced antenatal pertussis vaccination, which is currently under consideration in G...

Authors: Stefanie Böhm, Marianne Röbl-Mathieu, Burkhard Scheele, Michael Wojcinski, Ole Wichmann and Wiebke Hellenbrand

Citation: BMC Health Services Research 2019 19:616

Published on: 2 September 2019

BMC Infectious Diseases

<http://www.biomedcentral.com/bmcinfectdis/content>

(Accessed 7 Sep2019)

Research article

[Measles outbreak in an office building in the crowded Metropolis of Beijing, China](#)

Although worldwide measles elimination achieved great progress for decades, outbreaks were still reported in certain countries. This study describes the epidemiologic features of a substantial measles outbreak...

Authors: Zhen Li, Zheng Zhang, Fang Wang, Rui Wei, Jianhong Zhao and Fang Liu

Citation: BMC Infectious Diseases 2019 19:771

Published on: 3 September 2019

BMC Medical Ethics

<http://www.biomedcentral.com/bmcmedethics/content>

(Accessed 7 Sep2019)

[No new digest content identified]

BMC Medicine

<http://www.biomedcentral.com/bmcmed/content>

(Accessed 7 Sep2019)

[No new digest content identified]

BMC Pregnancy and Childbirth

<http://www.biomedcentral.com/bmcpregnancychildbirth/content>

(Accessed 7 Sep2019)

[No new digest content identified]

BMC Public Health

<http://bmcpublichealth.biomedcentral.com/articles>

(Accessed 7 Sep2019)

Research article

[Methods for detecting seasonal influenza epidemics using a school absenteeism surveillance system](#)

School absenteeism data have been collected daily by the public health unit in Wellington-Dufferin-Guelph, Ontario since 2008. To date, a threshold-based approach has been implemented to raise alerts for commu...

Authors: Madeline A. Ward, Anu Stanley, Lorna E. Deeth, Rob Deardon, Zeny Feng and Lise A. Trotz-Williams

Citation: BMC Public Health 2019 19:1232

Published on: 5 September 2019

Research article

[Evaluation of the performance of the National Tuberculosis Program of Liberia during the 2014–2015 Ebola outbreak](#)

Liberia is among the three west African countries which were crippled by the Ebola Virus Disease (EVD) outbreak of 2014. One of the programs which was affected by the EVD outbreak was the National Leprosy and ...

Authors: Kassaye Tekie Desta, Dedeh Barr Kessely and Jerry G. Daboi

Citation: BMC Public Health 2019 19:1221

Published on: 4 September 2019

Research article

[The monetary value of human lives lost through Ebola virus disease in the Democratic Republic of Congo in 2019](#)

Between 8 May 2018 and 27 May 2019, cumulatively there were 1286 deaths from Ebola Virus Disease (EVD) in the Democratic Republic of Congo (DRC). The objective of this study was to estimate the monetary value ...

Authors: Joses M. Kirigia, Rose Nabi Deborah Karimi Muthuri and Newton Gitonga Muthuri

Citation: BMC Public Health 2019 19:1218

Published on: 3 September 2019

BMC Research Notes

<http://www.biomedcentral.com/bmcresnotes/content>

(Accessed 7 Sep2019)

[No new digest content identified]

BMJ Open

August 2019 - Volume 9 - 8

<http://bmjopen.bmj.com/content/current>

[Reviewed earlier]

Bulletin of the World Health Organization

Volume 97, Number 9, September 2019, 581-644

<https://www.who.int/bulletin/volumes/97/9/en/>

[New issue; no new digest content identified]

Child Care, Health and Development

Volume 45, Issue 5 Pages: 613-771 September 2019

<https://onlinelibrary.wiley.com/toc/13652214/current>

[Reviewed earlier]

Clinical Therapeutics

August 2019 Volume 41, Issue 8, p1401-1642

<http://www.clinicaltherapeutics.com/current>

Drugs and Biologics Update: Artificial Intelligence and Patient-centric Approaches to Advance Pharmaceutical Innovation

[Reviewed earlier]

Clinical Trials

Volume 16 Issue 4, August 2019

<https://journals.sagepub.com/toc/ctja/16/4>

[Reviewed earlier]

Conflict and Health

<http://www.conflictandhealth.com/>

[Accessed 7 Sep2019]

[No new digest content identified]

Contemporary Clinical Trials

Volume 83 Pages 1-128 (August 2019)

<https://www.sciencedirect.com/journal/contemporary-clinical-trials/vol/83/suppl/C>

Special Interest Papers

Research article Abstract only

[**Informed consent and ethical reporting of research in clinical trials involving participants with psychotic disorders**](#)

Guy M. Weissinger, Connie M. Ulrich

Article 105795

Patient Recruitment

Research article Abstract only

[**Relocation of study participants for rare and ultra-rare disease trials: Ethics and operations**](#)

Luke Gelinias, Brian Crawford, Ariella Kelman, Barbara E. Bierer

Article 105812

Current Genetic Medicine Reports

Volume 7, Issue 2, June 2019

<https://link.springer.com/journal/40142/7/2>

[Reviewed earlier]

Current Opinion in Infectious Diseases

October 2019 - Volume 32 - Issue 5

<https://journals.lww.com/co-infectiousdiseases/pages/currenttoc.aspx>

TROPICAL AND TRAVEL-ASSOCIATED DISEASES

Edited by Christina Coyle

[**Fractional-dose yellow fever vaccination: how much more can we do with less?**](#)

Visser, Leonardus G.

Current Opinion in Infectious Diseases. 32(5):390-393, October 2019.

[**The first licensed dengue vaccine: can it be used in travelers?**](#)

Wilder-Smith, Annelies
Current Opinion in Infectious Diseases. 32(5):394-400, October 20

WHO's new rabies recommendations: implications for high incidence countries

Pattanaik, Amrita; Mani, Reeta S.

Current Opinion in Infectious Diseases. 32(5):401-406, October 2019.

Recent findings The key changes in the updated WHO 2018 guidelines for rabies prophylaxis include abbreviated vaccination regimens for pre and postexposure prophylaxis. These cost and dose-sparing regimens allow equitable sharing of vaccines, necessitate fewer clinic visits and thus can enhance patient compliance. The recommendations on rabies immunoglobulin administration permit prioritization and optimal use of this life-saving biologic, especially in areas with scarcity. However, there is a need for additional evidence to support the abridgment of some regimens and need for data on the safety and immunogenicity of these regimens in special groups such as infants and the immunocompromised.

GASTROINTESTINAL INFECTIONS

Edited by Gagandeep Kang and Eric R. Houpt

Current and new rotavirus vaccines

Burke, Rachel M.; Tate, Jacqueline E.; Kirkwood, Carl D.; More
Current Opinion in Infectious Diseases. 32(5):435-444, October 2019.

PAEDIATRIC AND NEONATAL INFECTIONS

Edited by Saul N. Faust

Meningitis vaccines in children: what have we achieved and where next?

McAlpine, Alastair; Sadarangani, Manish

Current Opinion in Infectious Diseases. 32(5):510-516, October 2019.

Developing World Bioethics

Volume 19, Issue 2 Pages: 61-122 June 2019

<https://onlinelibrary.wiley.com/toc/14718847/current>

[Reviewed earlier]

Development in Practice

Volume 29, Issue 7, 2019

<http://www.tandfonline.com/toc/cdip20/current>

[Reviewed earlier]

Disasters

Volume 43, Issue 3 Pages: 457-708 July 2019

<https://onlinelibrary.wiley.com/toc/14677717/current>

[Reviewed earlier]

EMBO Reports

Volume 20 Issue 8 1 August 2019

<https://www.embopress.org/toc/14693178/current>
[Reviewed earlier]

Emerging Infectious Diseases

Volume 25, Number 9—September 2019

<http://wwwnc.cdc.gov/eid/>

Research Letter

[Worldwide Reduction in MERS Cases and Deaths since 2016](#)

Christl A. Donnelly, Mamun R. Malik, Amgad Elkholy, Simon Cauchemez, and Maria D. Van
Abstract

Since 2012, Middle East respiratory syndrome (MERS) coronavirus has infected 2,442 persons worldwide. Case-based data analysis suggests that since 2016, as many as 1,465 cases and 293–520 deaths might have been averted. Efforts to reduce the global MERS threat are working, but countries must maintain vigilance to prevent further infections.

Epidemics

Volume 28 September 2019

<https://www.sciencedirect.com/journal/epidemics/vol/28/suppl/C>

[Reviewed earlier]

Epidemiology and Infection

Volume 147 - 2019

<https://www.cambridge.org/core/journals/epidemiology-and-infection/latest-issue>

[Reviewed earlier]

Ethics & Human Research

Volume 41, Issue 3 May-June 2019

<https://onlinelibrary.wiley.com/toc/25782363/2019/41/3>

Research Burdens, Benefits, and Risks

[Reviewed earlier]

The European Journal of Public Health

Volume 29, Issue 4, August 2019

<https://academic.oup.com/eurpub/issue/29/4>

[Reviewed earlier]

Genome Medicine

<https://genomemedicine.biomedcentral.com/articles>

[Accessed 7 Sep2019]

[No new digest content identified]

Global Health Action

Volume 11, 2018 – Issue 1

<https://www.tandfonline.com/toc/zgha20/11/1?nav=toCList>

[Reviewed earlier]

Global Health: Science and Practice (GHSP)

June 2019 | Volume 7 | Number 2

<http://www.ghspjournal.org/content/current>

[Reviewed earlier]

Global Public Health

Volume 14, 2019 Issue 10

<http://www.tandfonline.com/toc/rgph20/current>

[Reviewed earlier]

Globalization and Health

<http://www.globalizationandhealth.com/>

[Accessed 7 Sep2019]

Review

| 3 September 2019

[Preparedness and management of global public health threats at points of entry in Ireland and the EU in the context of a potential Brexit](#)

We review the current situation (March 2019) with respect to detection and management of serious human health threats across Irish borders- and what may change for Ireland if/when the United Kingdom (UK) withdraws from the EU (Brexit).

Authors: Máirín Boland and Mary O’Riordan

Health Affairs

Vol. 38, No. 8 August 2019

<https://www.healthaffairs.org/toc/hlthaff/current>

Military Health Systems

[New issue; No new digest content identified]

Health and Human Rights

Volume 21, Issue 1, June 2019

<https://www.hhrjournal.org/volume-21-issue-1-june-2019/>

Special Section on Global Health Fieldwork Ethics and Human Rights

Special Section on Invoking Health and Human Rights in the United States

[Reviewed earlier]

Health Economics, Policy and Law

Volume 14 - Issue 4 - October 2019

<https://www.cambridge.org/core/journals/health-economics-policy-and-law/latest-issue>
[Reviewed earlier]

Health Policy and Planning

Volume 34, Issue 6, July 2019

<https://academic.oup.com/heapol/issue/34/6>

Original Articles

[The cost of not breastfeeding: global results from a new tool](#)

Dylan D Walters, Linh T H Phan, Roger Mathisen

Health Policy and Planning, Volume 34, Issue 6, July 2019, Pages 407–417,

<https://doi.org/10.1093/heapol/czz050>

Abstract

... Aggregating these costs, the total global economic losses are estimated to be US\$341.3 billion, or 0.70% of global gross national income. While the aim of the tool is to capture the majority of the costs, the estimates are likely to be conservative since economic costs of increased household caregiving time (mainly borne by women), and treatment costs related to other diseases attributable to not breastfeeding according to recommendations are not included in the analysis. This study illustrates the substantial costs of not breastfeeding, and potential economic benefits that could be generated by government and development partners' investments in scaling up effective breastfeeding promotion and support strategies.

[Institutional barriers and enablers to implementing and complying with internationally accepted quality standards in the local pharmaceutical industry of Pakistan: a qualitative study](#)

Fatima Tauqeer, Kirsten Myhr, Unni Gopinathan

Health Policy and Planning, Volume 34, Issue 6, July 2019, Pages 440–449,

<https://doi.org/10.1093/heapol/czz054>

Reviews

[Mapping health workforce development strategies across key global health agencies: an assessment of objectives and key interventions](#)

Brooke A Farrenkopf, Chung-Won Lee

Health Policy and Planning, Volume 34, Issue 6, July 2019, Pages 461–468,

<https://doi.org/10.1093/heapol/czz015>

Health Research Policy and Systems

<http://www.health-policy-systems.com/content>

[Accessed 7 Sep2019]

[No new digest content identified]

Humanitarian Exchange Magazine

Number 75, May 2019

<https://odihpn.org/magazine/making-humanitarian-action-work-for-women-and-girls/>

Special Feature: Making humanitarian action work for women and girls

by HPN May 2019

The theme of this edition of Humanitarian Exchange, co-edited with Women Deliver, is making humanitarian action work for women and girls. Despite gains, including commitments made at the World Humanitarian Summit, there is still much to be done to address the gendered impacts of humanitarian crises and improve gender-sensitive humanitarian action.

In the lead article, Jacqueline Paul advocates for feminist humanitarian action based on evidence that improvements in women's socio-economic status can reduce excess mortality among women after shocks. Jean Kemitare, Juliet Were and Jennate Eoomkham look at the role of local women's rights organisations in preventing and responding to violence against women and girls, and Marcy Hersh and Diana Abou Abbas highlight opportunities for more concrete action on sexual and reproductive health in emergencies.

Citing experience from Vanuatu, Jane Newnham explains how women will choose to use contraceptives even during a humanitarian response, when services and counselling are delivered in an appropriate and responsive way. Drawing on experience in Bangladesh, Tamara Fetters and colleagues challenge the belief that abortion is a non-essential service, or too complicated for humanitarian actors to provide. Darcy Ataman, Shannon Johnson, Justin Cikuru and Jaime Cundy reflect on an innovative programme using music therapy to help survivors of trauma.

Emilie Rees Smith, Emma Symonds and Lauryn Oates highlight lessons from the STAGE education programme in Afghanistan, and Degan Ali and Deqa Saleh outline how African Development Solutions is helping women and girls take on leadership and decision-making roles in Somalia. Fiona Samuels and Taveeshi Gupta explore patterns of suicide among young people in Vietnam, with a particular focus on girls, and Subhashni Raj, Brigitte Labouky and Shantony Moli illustrate the importance of a gendered approach to community-based disaster risk reduction in the South-West Pacific. Nicola Jones, Workneh Yadete and Kate Pincock draw on research in Ethiopia to explore the gender- and age-specific vulnerabilities of adolescents. The edition ends with an article by Julie Rialet-Cislaghi on how humanitarian responses can better address child marriage.

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 15, Issue 7-8, 2019

<http://www.tandfonline.com/toc/khvi20/current>

Special Issues: HPV vaccination: from seroprevalence to public health policy and everything in between

[80+ articles in edition focused on NPV vaccine; sample articles below]

[Reviewed earlier]

Infectious Agents and Cancer

<http://www.infectagentscancer.com/content>

[Accessed 7 Sep2019]

[No new digest content identified]

Infectious Diseases of Poverty

<http://www.idpjournals.com/content>
[Accessed 7 Sep2019]
[No new digest content identified]

International Health

Volume 11, Issue 4, July 2019
<http://inthehealth.oxfordjournals.org/content/current>
[Reviewed earlier]

International Journal of Community Medicine and Public Health

Vol 6, No 7 (2019) July 2019
<https://www.ijcmph.com/index.php/ijcmph/issue/view/52>
[Reviewed earlier]

International Journal of Epidemiology

Volume 48, Issue 4, August 2019
<https://academic.oup.com/ije/issue/48/4>
[Reviewed earlier]

International Journal of Human Rights in Healthcare

Volume 12 Issue 3 2019
<https://www.emeraldinsight.com/toc/ijhrh/12/3>
[Reviewed earlier]

International Journal of Infectious Diseases

August 2019 Volume 85, p1-214
[https://www.ijidonline.com/issue/S1201-9712\(19\)X0011-9](https://www.ijidonline.com/issue/S1201-9712(19)X0011-9)
Editorial

[Ebola in the DRC one year later – Boiling the frog?](#)

Susan McLellan, Mark G. Kortepeter, Nahid Bhadelia, Erica S. Shenoy, Lauren M. Sauer, Maria G. Frank, Theodore J. Cieslak
p212–213
Published online: July 19, 2019

... In summary, security concerns in DRC provide a significant barrier to outbreak assistance; however, maintaining the current level of international engagement is likely to allow the outbreak to continue to spread within DRC, and eventually to neighboring and in turn distant countries. This will not be the last outbreak of Ebola in the DRC or elsewhere. It is to our benefit to seek ways to demonstrate this is not another case of “helicopter” intervention, but a long-term commitment for humanitarian aid and to bolster the health care system overall in DRC and develop sustainable response strategies that can be deployed to other communicable disease outbreaks in the future.

A deliberate, thoughtful scale-up of involvement in support of and in collaboration with partners on the ground, including the WHO and DRC government would ensure a seamless

effort that is responsive to the communities' and partners' needs and help tip the scales. Such a demonstration would go a long way in winning the hearts and minds and cooperation of the local population who are there for the long term.

Reviews

[Potential benefits of using a multicomponent vaccine for prevention of serogroup B meningococcal disease](#)

Philip S. Watson, Patricia L. Novy, Leonard R. Friedland
p22–27

Published online: May 15, 2019

JAMA

September 3, 2019, Vol 322, No. 9, Pages 795-900

<http://jama.jamanetwork.com/issue.aspx>

Original Investigation

[N95 Respirators vs Medical Masks for Preventing Influenza Among Health Care Personnel: A Randomized Clinical Trial](#)

Lewis J. Radonovich Jr, MD; Michael S. Simberkoff, MD; Mary T. Bessesen, MD; et al.
JAMA. 2019;322(9):824-833. doi:10.1001/jama.2019.11645

This cluster randomized clinical trial compares the effect of N95 respirators vs medical masks worn by health care personnel for prevention of workplace-acquired influenza and other viral respiratory infections in geographically diverse, high-exposure outpatient settings.

Editorial

[Respiratory Protection of Health Care Personnel to Prevent Respiratory Viral Transmission](#)

Thomas R. Talbot, MD, MPH; Hilary M. Babcock, MD, MPH

Viewpoint

[Harms From Uninformative Clinical Trials](#)

Deborah A. Zarin, MD; Steven N. Goodman, MD, MHS, PhD; Jonathan Kimmelman, PhD
JAMA. 2019;322(9):813-814. doi:10.1001/jama.2019.9892

This Viewpoint discusses key features of and incentives for randomized clinical trials (RCTs) that make many of them uninformative; reviews the challenges uninformative trials pose to ethics, science, and medical practice; and recommends what academic medical centers and funders can do to incentivize the conduct of RCTs that provide valid information that informs clinical practice.

JAMA Pediatrics

September 2019, Vol 173, No. 9, Pages 807-900

<http://archpedi.jamanetwork.com/issue.aspx>

Original Investigation

[Implications of Changing Public Charge Immigration Rules for Children Who Need Medical Care](#)

Leah Zallman, MD, MPH; Karen E. Finnegan, PhD; David U. Himmelstein, MD; et al.
online only

JAMA Pediatr. 2019;173(9):e191744. doi:10.1001/jamapediatrics.2019.1744

This cross-sectional study simulates the number, medical conditions, and care needs of children who are at risk of losing their current benefits, including Medicaid and Children's Health Insurance Program and Supplemental Nutrition Assistance Program, after a proposed US federal rule change.

JBI Database of Systematic Review and Implementation Reports

August 2019 - Volume 17 - Issue 8

<http://journals.lww.com/jbisrir/Pages/currenttoc.aspx>

[Reviewed earlier]

Journal of Adolescent Health

August 2019 Volume 65, Issue 2, p167-308

[https://www.jahonline.org/issue/S1054-139X\(18\)X0010-X](https://www.jahonline.org/issue/S1054-139X(18)X0010-X)

[New issue; No digest content identified]

Journal of Community Health

Volume 44, Issue 5, October 2019

<https://link.springer.com/journal/10900/44/5>

Original Paper

[The Male Voice: A Qualitative Assessment of Young Men's Communication Preferences About HPV and 9vHPV](#)

Jennifer A. Sledge, Claire E. Jensen, Nancy J. Cibulka...

Journal of Development Economics

Volume 140 Pages 1-374 (September 2019)

<https://www.sciencedirect.com/journal/journal-of-development-economics/vol/140/suppl/C>

[Reviewed earlier]

Journal of Empirical Research on Human Research Ethics

Volume 14 Issue 3, July 2019

<http://journals.sagepub.com/toc/jre/current>

[Reviewed earlier]

Journal of Epidemiology & Community Health

September 2019 - Volume 73 - 9

<https://jech.bmj.com/content/73/9>

[New issue; No digest content identified]

Journal of Evidence-Based Medicine

Volume 12, Issue 3 Pages: 185-231 August 2019

<https://onlinelibrary.wiley.com/toc/17565391/current>
[Reviewed earlier]

Journal of Global Ethics

Volume 15, Issue 2, 2019

<http://www.tandfonline.com/toc/rjge20/current>

Selected papers of the 2018 meetings of International Development Ethics Association & Groupe de Recherche en Economie Théorique et Appliquée

[Reviewed earlier]

Journal of Health Care for the Poor and Underserved (JHCPU)

Volume 30, Number 2, May 2019

<https://muse.jhu.edu/issue/40369>

[Reviewed earlier]

Journal of Immigrant and Minority Health

Volume 21, Issue 4, August 2019

<https://link.springer.com/journal/10903/21/4>

[Reviewed earlier]

Journal of Immigrant & Refugee Studies

Volume 17, 2019_ Issue 3

<https://www.tandfonline.com/toc/wimm20/current>

[Reviewed earlier]

Journal of Infectious Diseases

Volume 220, Issue 6, 15 September 2019

<https://academic.oup.com/jid/issue/220/6>

[Reviewed earlier]

Journal of Medical Ethics

August 2019 - Volume 45 - 8

<http://jme.bmj.com/content/current>

[Reviewed earlier]

Journal of Patient-Centered Research and Reviews

Volume 6, Issue 3 (2019)

<https://digitalrepository.aurorahealthcare.org/jpcrr/>

[Reviewed earlier]

Journal of the Pediatric Infectious Diseases Society (JPIDS)

Volume 8, Issue 3, September 2019

<https://academic.oup.com/jpids/issue>

[Reviewed earlier]

Journal of Pediatrics

September 2019 Volume 212, p1-254

<http://www.jpeds.com/current>

[Reviewed earlier]

Journal of Pharmaceutical Policy and Practice

<https://joppp.biomedcentral.com/>

[Accessed 7 Sep2019]

Research

| 4 September 2019

[Assessing national governance of medicine promotion: an exploratory study in Ghana to trial a structured set of indicators](#)

Authors: Marcia McLean, Jillian Clare Kohler and Danny Edwards

Background

Two billion people worldwide, predominantly in low- and middle-income countries, cannot consistently access required essential medications, thus affecting their ability to attain optimal health outcomes. Access to appropriate medicines may be compromised due to issues involving cost, availability, quality, and prescribing practices, and system-wide factors such as a lack of transparency and accountability. Pharmaceutical promotional practices impact many of these issues, thus influencing the use of appropriate medicines. Good governance is ultimately the responsibility of national governments through strong health systems with transparent and accountable practices that facilitate appropriate medicine use. We designed a structured set of indicators, based on existing tools, to assess the strength of the national governance of pharmaceutical promotion. In this exploratory study, we trialed the indicators in Ghana.

Journal of Public Health Management & Practice

September/October 2019 - Volume 25 - Issue 5

<https://journals.lww.com/jphmp/pages/currenttoc.aspx>

State of Public Health

[Blinding Me With Science: Complementary "Head" and "Heart" Messages Are Needed to Counter Rising Vaccine Hesitancy](#)

Fraser, Michael R.

Journal of Public Health Management and Practice. 25(5):511-514, September/October 2019.

Journal of Public Health Policy

Volume 40, Issue 3, September 2019

<https://link.springer.com/journal/41271/40/3>

[New issue; No digest content identified]

Journal of Refugee & Global Health

Volume 2, Issue 2 (2019)

<https://ir.library.louisville.edu/rgh/>

[Reviewed earlier]

Journal of the Royal Society – Interface

7 August 2019 Volume 16 Issue 157

<https://royalsocietypublishing.org/toc/rsif/current>

[Reviewed earlier]

Journal of Travel Medicine

Volume 26, Issue 6, 2019

<https://academic.oup.com/jtm/issue/26/6>

Editor's Choice

[What is the prospect of a safe and effective dengue vaccine for travellers?](#)

Anna P Durbin, MD, Duane J Gubler, ScD

Journal of Travel Medicine, Volume 26, Issue 6, 2019, tay153,

<https://doi.org/10.1093/jtm/tay153>

Dengue affects hundreds of millions of persons each year and is a risk for travellers to dengue-endemic regions. The first licensed dengue vaccine is approved for use only in persons who are known to have had previous dengue infection, limiting its potential for use in travellers. Two other dengue vaccines are currently in Phase 3 clinical trials, with preliminary efficacy results expected soon. These vaccines differ from the currently licensed vaccine and, should they demonstrate efficacy, may offer the possibility of a dengue vaccine for travellers.

[Addressing vaccine hesitancy in travellers: The CARD™ System](#)

Anna Taddio, PhD, Noni MacDonald, MD

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz056,

<https://doi.org/10.1093/jtm/taz056>

Current vaccination programs do not fully incorporate client-centred care in the delivery of vaccinations; hence, do not address vaccination hesitancy. This article provides a summary of a novel client-centred approach to vaccinations to improve the vaccination experience and promote vaccination.

Perspectives

[Yellow fever vaccination for immunocompromised travellers: unjustified vaccination hesitancy?](#)

Wesley de Jong, MD, Rob A de Man, MD PhD, Virgil A S H Dalm, MD PhD, Chantal B E M Reusken, PhD, Marco Goeijenbier, MD PhD ...

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz015,

<https://doi.org/10.1093/jtm/taz015>

Improved quality of life in immunocompromised patients opens travel opportunities, but administering the yellow fever (YF) vaccine is often contraindicated. We advocate re-evaluating this position for immunocompromised patients who travel frequently or who are migrating to regions in which YF is endemic.

Fractional-dose yellow fever vaccination: an expert review

Anna H E Roukens, MD, PhD, Leo G Visser, MD, PhD

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz024,
<https://doi.org/10.1093/jtm/taz024>

Seroprotection rates of vaccine-preventable diseases among newly arrived Eritrean asylum seekers in Switzerland: a cross-sectional study

Cornelia Staehelin, MD, MIH, Afona Chernet, PhD, Véronique Sydow, MD, Rein J Piso, MD, Franziska Suter-Riniker, PhD ...

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz035,
<https://doi.org/10.1093/jtm/taz035>

Rapid Communication

Measles and the 2019 Hajj: the risk of magnifying the global measles surge

Ziad A Memish, MD, FRCPC, FRCPE, FRCPL, FACP, FFPH, Anas A Khan, MD, Shahul Ebrahim, MD, MSc, PhD

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz041,
<https://doi.org/10.1093/jtm/taz041>

The projected linear increases in Muslim pilgrims for Hajj and Umrah to Saudi Arabia from current 7 million to 30 million by 2030 will increase the density of pilgrims and the potential for infectious disease transmission. Because pilgrims originate from over 180 countries, the Hajj and Umrah pilgrimage can further compound the ongoing measles outbreaks. Vaccine hesitancy among Muslim populations should receive special attention in addition to general measles control efforts.

The rise in travel-associated measles infections—GeoSentinel, 2015–2019

Kristina M Angelo, Michael Libman, Philippe Gautret, Elizabeth Barnett, Martin P Grobusch ...

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz046,
<https://doi.org/10.1093/jtm/taz046>

The global threat of measles in recent years affects international travelers, and is acquired in both endemic and outbreak settings. The number of measles cases reported to GeoSentinel has risen each year since 2015 and demonstrates a high median age, short travel duration, and low measles

Yellow fever and Hajj 2019: from airline introduction of mosquitoes to expanding geography of transmission and vaccination challenges

Shahul H Ebrahim, MD, Ziad A Memish, MD

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz051,
<https://doi.org/10.1093/jtm/taz051>

Yellow fever epidemiology is changing with large-scale epidemics in Africa, increased risk of urban outbreaks in Latin America, and spread to Asia. Therefore, in addition to the changing epidemiology, mosquito resurgence, and urbanization of yellow fever, the Hajj 2019 presents another challenge to the well-structured global strategy for YF Control.

Measles and the 2019 Hajj: risk of international transmission

Sakshi Shetty, Maya Murmann, Ashleigh R Tuite, Alexander G Watts, Isaac Bogoch ...

Journal of Travel Medicine, Volume 26, Issue 6, 2019, taz058,
<https://doi.org/10.1093/jtm/taz058>

The current global increase in measles cases is associated with a small but non-negligible risk of an infected pilgrim arriving at the 2019 Hajj. Since even a single imported case can cause an outbreak in vulnerable populations, Saudi Arabia and countries with returning pilgrims should be alert for measles cases.

Journal of Virology

September 2019; Volume 93, Issue 17

<http://jvi.asm.org/content/current>

[Reviewed earlier]

The Lancet

Sep 07, 2019 Volume 394 Number 10201 p805-894

<https://www.thelancet.com/journals/lancet/issue/current>

[New issue; No digest content identified]

The Lancet Child & Adolescent Health

Sep 2019 Volume 3 Number 9 p585-662

<https://www.thelancet.com/journals/lanchi/issue/current>

[Reviewed earlier]

Lancet Digital Health

Sep 2019 Volume 1 Number 5e193-e242

<https://www.thelancet.com/journals/landig/issue/current>

[New issue; No digest content identified]

Lancet Global Health

Sep 2019 Volume 7 Number 9e1147-e1286

<http://www.thelancet.com/journals/langlo/issue/current>

[Reviewed earlier]

Lancet Infectious Diseases

Sep 2019 Volume 19 Number 9p915-1034, e301-e336

<http://www.thelancet.com/journals/laninf/issue/current>

[Reviewed earlier]

Lancet Respiratory Medicine

Sep 2019 Volume 7 Number 9 p721-826, e26-e28

<http://www.thelancet.com/journals/lanres/issue/current>

Series

Tuberculosis 2019

Insights and challenges in tuberculosis vaccine development

Helen McShane

Summary

Tuberculosis kills more people than any other pathogen and the need for a universally effective vaccine has never been greater. An effective vaccine will be a key tool in achieving the targets set by WHO in the End TB Strategy. Tuberculosis vaccine development is difficult and slow. Substantial progress has been made in research and development of tuberculosis vaccines in the past 20 years, and two clinical trial results from 2018 provide reason for optimism. However, many challenges to the successful licensure and deployment of an effective tuberculosis vaccine remain. The development of new tools for vaccine evaluation might facilitate these processes, and continued collaborative working and sustained funding will be essential.

Commission Update

The Lancet Respiratory Medicine Commission: 2019 update: epidemiology, pathogenesis, transmission, diagnosis, and management of multidrug-resistant and incurable tuberculosis

Keertan Dheda, Tawanda Gumbo, Gary Maartens, Kelly E Dooley, Megan Murray, Jennifer Furin, Edward A Nardell, Robin M Warren, on behalf of The Lancet Respiratory Medicine drug-resistant tuberculosis Commission group

Summary

The Lancet Respiratory Medicine Commission on drug-resistant tuberculosis was published in 2017, which comprehensively reviewed and provided recommendations on various aspects of the disease. Several key new developments regarding drug-resistant tuberculosis are outlined in this Commission Update. The WHO guidelines on treating drug-resistant tuberculosis were updated in 2019 with a reclassification of second line anti-tuberculosis drugs. An injection-free MDR tuberculosis treatment regimen is now recommended. Over the past 3 years, advances in treatment include the recognition of the safety and mortality benefit of bedaquiline, the finding that the 9–11 month injectable-based 'Bangladesh' regimen was non-inferior to longer regimens, and promising interim results of a novel 6 month 3-drug regimen (bedaquiline, pretomanid, and linezolid). Studies of explanted lungs from patients with drug-resistant tuberculosis have shown substantial drug-specific gradients across pulmonary cavities, suggesting that alternative dosing and drug delivery strategies are needed to reduce functional monotherapy at the site of disease. Several controversies are discussed including the optimal route of drug administration, optimal number of drugs constituting a regimen, selection of individual drugs for a regimen, duration of the regimen, and minimal desirable standards of antibiotic stewardship. Newer rapid nucleic acid amplification test platforms, including point-of-care systems that facilitate active case-finding, are discussed. The rapid diagnosis of resistance to other drugs, (notably fluoroquinolones), and detection of resistance by targeted or whole genome sequencing will probably change the diagnostic landscape in the near future.

Maternal and Child Health Journal

Volume 23, Issue 9, September 2019

<https://link.springer.com/journal/10995/23/8>

[New issue; No digest content identified]

Medical Decision Making (MDM)

Volume 39 Issue 4, May 2019

<http://mdm.sagepub.com/content/current>

[Reviewed earlier]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy

Volume 97, Issue 2 Pages: 369-619 June 2019

<https://onlinelibrary.wiley.com/toc/14680009/current>

[Reviewed earlier]

Nature

Volume 573 Issue 7772, 5 September 2019

http://www.nature.com/nature/current_issue.html

[New issue; No digest content identified]

Nature Biotechnology

Volume 37 Issue 9, September 2019

<https://www.nature.com/nbt/volumes/37/issues/9>

[New issue; No digest content identified]

Nature Genetics

Volume 51 Issue 9, September 2019

<https://www.nature.com/ng/volumes/51/issues/9>

Editorial | 02 September 2019

[Mendel for the modern era](#)

The genome of the model genetic organism *Pisum sativum*, or pea plant, links nineteenth-century genetics to twenty-first-century genomics, serving as a symbol of how far the genetics field has developed and how greatly technologies have advanced. Almost every student's introduction to genetics currently involves learning Mendel's laws; we envision that genomics and genome sequencing will become just as foundational in the education of future geneticists.

Article | 02 September 2019 | Open Access

[A reference genome for pea provides insight into legume genome evolution](#)

The first annotated chromosome-level reference genome assembly for pea, Gregor Mendel's original genetic model, provides insights into legume genome evolution and the molecular basis of agricultural traits for pea improvement.

Jonathan Kreplak, Mohammed-Amin Madoui[...] & Judith Burstin

Nature Medicine

Volume 25 Issue 8, August 2019

<https://www.nature.com/nm/volumes/25/issues/8>

[Reviewed earlier]

Nature Reviews Genetics

Volume 20 Issue 9, September 2019

<https://www.nature.com/nrg/volumes/20/issues/9>

[Reviewed earlier]

Nature Reviews Immunology

Volume 19 Issue 8, August 2019

<https://www.nature.com/nri/volumes/19/issues/8>

[Reviewed earlier]

New England Journal of Medicine

September 5, 2019 Vol. 381 No. 10

<http://www.nejm.org/toc/nejm/medical-journal>

Perspective

[Topping the Ethical Balance — Health Care Refusal and the Trump Administration](#)

E. Sepper

A new rule from the U.S. Department of Health and Human Services creates a wide-ranging right to refuse to provide health care services. If it goes into effect, patient health and professional practice are likely to suffer.

Pediatrics

September 2019, VOLUME 144 / ISSUE 3

<https://pediatrics.aappublications.org/content/144/3?current-issue=y>

Articles

[Early Childhood Vaccination Status of Preterm Infants](#)

Annika M. Hofstetter, Elizabeth N. Jacobson, M. Patricia deHart, Janet A. Englund

Pediatrics Sep 2019, 144 (3) e20183520; DOI: 10.1542/peds.2018-3520

In this retrospective study, we used EHR and immunization information system data to compare early childhood vaccination of preterm and term/post term infants born between 2008 and 2013.

Review Articles

[Transmission of Vaccine-Strain Varicella-Zoster Virus: A Systematic Review](#)

Mona Marin, Jessica Leung, Anne A. Gershon

Pediatrics Sep 2019, 144 (3) e20191305; DOI: 10.1542/peds.2019-1305

We reviewed the published experience with the use of live VZV vaccines to assess characteristics of secondary transmission of the vaccine-strain virus.

Pharmaceutics

Volume 11, Issue 8 (August 2019)

<https://www.mdpi.com/1999-4923/11/8>

[New issue; No digest content identified]

Pharmacoeconomics

Volume 37, Issue 9, September 2019

<https://link.springer.com/journal/40273/37/9>

Systematic Review

[Cost Effectiveness of Elderly Pneumococcal Vaccination in Presence of Higher-Valent Pneumococcal Conjugate Childhood Vaccination: Systematic Literature Review with Focus on Methods and Assumptions](#)

Marina Treskova, Stefan M. Scholz, Alexander Kuhlmann

PLoS Genetics

<https://journals.plos.org/plosgenetics/>

(Accessed 7 Sep2019)

[No new digest content identified]

PLoS Medicine

<http://www.plosmedicine.org/>

(Accessed 7 Sep2019)

Collection Review

[Development of new TB regimens: Harmonizing trial design, product registration requirements, and public health guidance](#)

Christian Lienhardt, Andrew A. Vernon, Marco Cavaleri, Sumati Nambiar, Payam Nahid

| published 06 Sep 2019 PLOS Medicine

<https://doi.org/10.1371/journal.pmed.1002915>

Research Article

[Social network interventions for health behaviours and outcomes: A systematic review and meta-analysis](#)

There has been a growing interest in understanding the effects of social networks on health-related behaviour, with a particular backdrop being the emerging prominence of complexity or systems science in public health. Social network interventions specifically use or alter the characteristics of social networks to generate, accelerate, or maintain health behaviours. We conducted a systematic review and meta-analysis to investigate health behaviour outcomes of social network interventions.

Ruth F. Hunter, Kayla de la Haye, Jennifer M. Murray, Jennifer Badham, Thomas W. Valente, Mike Clarke, Frank Kee

| published 03 Sep 2019 PLOS Medicine

<https://doi.org/10.1371/journal.pmed.1002890>

PLoS Neglected Tropical Diseases

<http://www.plosntds.org/>

(Accessed 7 Sep2019)

[No new digest content identified]

PLoS One

<http://www.plosone.org/>

[Accessed 7 Sep 2019]

Research Article

[Vaccination timeliness and associated factors among preterm infants at a tertiary hospital in Uganda](#)

Irene Nakatudde, Joseph Rujumba, Flavia Namiiro, Ali Sam, Jamir Mugalu, Philippa Musoke

Research Article | published 06 Sep 2019 PLOS ONE

<https://doi.org/10.1371/journal.pone.0221902>

[Burden of influenza-associated respiratory hospitalizations in the Americas, 2010–2015](#)

Rakhee S. Palekar, Melissa A. Rolfes, C. Sofia Arriola, Betsy O. Acosta, Patricia Alberto Guidos, Xiomara Badilla Vargas, Christina Bancej, Juliana Barbosa Ramirez, Elsa Baumeister, Alfredo Bruno, Maria Agüeda Cabello, Jufu Chen, Paula Couto, Francisco J. De Paula Junior, Rodrigo Fasce, Walquiria Ferreira de Almeida, Victor E. Fiesta Solorzano, Carlos Flores Ramírez, Natalia Goñi, Yadira Isaza de Moltó, Jenny Lara, Diana C. Malo, José L. Medina Osis, Homer Mejía, Lourdes Moreno Castillo, Desiree Mustaquim, Andrea Nwosu, Jenny Ojeda, Antonio Paredes Samoya, Paola A. Pulido, Hector M. Ramos Hernandez, Rudvelinda Rivera Lopez, Angel Rodriguez, Myriam Saboui, Hilda Salazar Bolanos, Adrián Santoro, Jose Eduardo Silvera, Paulina Sosa, Viviana Sotomayor, Lourdes Suarez, Marta Von Horoch, Eduardo Azziz-Baumgartner

Research Article | published 06 Sep 2019 PLOS ONE

<https://doi.org/10.1371/journal.pone.0221479>

[Delayed second dose of oral cholera vaccine administered before high-risk period for cholera transmission: Cholera control strategy in Lusaka, 2016](#)

Eva Ferreras, Belem Matapo, Elizabeth Chizema-Kawesha, Orbrie Chewe, Hannah Mzyece, Alexandre Blake, Loveness Moonde, Gideon Zulu, Marc Poncin, Nyambe Sinyange, Nancy Kasese-Chanda, Caroline Phiri, Kennedy Malama, Victor Mukonka, Sandra Cohuet, Florent Uzzeni, Iza Ciglnecki, M. Carolina Danovaro-Holliday, Francisco J. Luquero, Lorenzo Pezzoli

Research Article | published 30 Aug 2019 PLOS ONE

<https://doi.org/10.1371/journal.pone.0219040>

Abstract

Background

In April 2016, an emergency vaccination campaign using one dose of Oral Cholera Vaccine (OCV) was organized in response to a cholera outbreak that started in Lusaka in February 2016. In December 2016, a second round of vaccination was conducted, with the objective of increasing the duration of protection, before the high-risk period for cholera transmission. We assessed vaccination coverage for the first and second rounds of the OCV campaign.

Methods

Vaccination coverage was estimated after each round from a sample selected from targeted-areas for vaccination using a cross-sectional survey in to establish the vaccination status of the individuals recruited. The study population included all individuals older than 12 months residing in the areas targeted for vaccination. We interviewed 505 randomly selected individuals after the first round and 442 after the second round. Vaccination status was ascertained either by vaccination card or verbal reporting. Households were selected using spatial random sampling.

Results

The vaccination coverage with two doses was 58.1% (25/43; 95%CI: 42.1–72.9) in children 1–5 years old, 59.5% (69/116; 95%CI: 49.9–68.5) in children 5–15 years old and 19.9% (56/281; 95%CI: 15.4–25.1) in adults above 15 years old. The overall dropout rate was 10.9% (95%CI: 8.1–14.1). Overall, 69.9% (n = 309/442; 95%CI: 65.4–74.1) reported to have received at least one OCV dose.

Conclusions

The areas at highest risk of suffering cholera outbreaks were targeted for vaccination obtaining relatively high vaccine coverage after each round. However, the long delay between doses in areas subject to considerable population movement resulted in many individuals receiving only one OCV dose. Additional vaccination campaigns may be required to sustain protection over time in case of persistence of risk. Further evidence is needed to establish a maximum optimal interval time of a delayed second dose and variations in different settings.

PLoS Pathogens

<http://journals.plos.org/plospathogens/>

[Accessed 7 Sep2019]

[No new digest content identified]

PNAS - Proceedings of the National Academy of Sciences of the United States of America

<http://www.pnas.org/content/early/>

[Accessed 7 Sep2019]

[No new digest content identified]

Prehospital & Disaster Medicine

Volume 34 - Issue 4 - August 2019

<https://www.cambridge.org/core/journals/prehospital-and-disaster-medicine/latest-issue>

[Reviewed earlier]

Preventive Medicine

Volume 126 September 2019

<https://www.sciencedirect.com/journal/preventive-medicine/vol/125/suppl/C>

[Reviewed earlier]

Proceedings of the Royal Society B

21 August 2019 [Volume 286](#) [Issue 1909](#)

<https://royalsocietypublishing.org/toc/rspb/current>

[Reviewed earlier]

Public Health

Volume 173 Pages A1-A2, 1-150 (August 2019)

<https://www.sciencedirect.com/journal/public-health/vol/173/suppl/C>
[Reviewed earlier]

Public Health Ethics

Volume 12, Issue 2, July 2019

<http://phe.oxfordjournals.org/content/current>
[Reviewed earlier]

Public Health Reports

Volume 134 Issue 5, September/October 2019

<https://journals.sagepub.com/toc/phrg/134/5>
Research

[Completion of the Human Papillomavirus Vaccination Series Among Adolescent Users and Nonusers of School-Based Health Centers](#)

Meaghan S. Munn, MPH, Meagan Kay, DVM, MPVM, Libby C. Page, MPH, Jeffrey S. Duchin, MD
First Published August 12, 2019; pp. 559–566

Qualitative Health Research

Volume 29 Issue 11, September 2019

<http://qhr.sagepub.com/content/current>
[Reviewed earlier]

Research Ethics

Volume 15 Issue 2, April 2019

<http://journals.sagepub.com/toc/reab/current>
[Reviewed earlier]

Reproductive Health

<http://www.reproductive-health-journal.com/content>
[Accessed 7 Sep2019]
[No new digest content identified]

Revista Panamericana de Salud Pública/Pan American Journal of Public Health (RPSP/PAJPH)

http://www.paho.org/journal/index.php?option=com_content&view=featured&Itemid=101
6 Sep 2019

[Initial care for migrants in Chile: status of a primary health care initiative after one year of implementation](#)

Original research | Spanish |

Risk Analysis

Volume 39, Issue 8 Pages: 1655-1865 August 2019
<https://onlinelibrary.wiley.com/toc/15396924/current>
[Reviewed earlier]

Risk Management and Healthcare Policy

<https://www.dovepress.com/risk-management-and-healthcare-policy-archive56>
[Accessed 7 Sep2019]
[No new digest content identified]

Science

06 September 2019 Vol 365, Issue 6457
<http://www.sciencemag.org/current.dtl>

In Depth

Controversy over dengue vaccine risk

By Jon Cohen

Science06 Sep 2019 : 961-962 Restricted Access

All immunized Filipino kids should be tested, some say.

Summary

Shortly after Dengvaxia came to market in 2015, the Philippines launched a massive campaign to immunize children against the dreaded diseases. After about 1 million children were vaccinated, Sanofi Pasteur, the Paris-based maker of the product, revealed that ongoing clinical trials had found a rare, dangerous complication. Four distinct variants of dengue infect humans. In a well-known phenomenon, people infected with one strain who become infected with a second one become vulnerable to severe dengue, which can cause life-threatening shock and hemorrhagic fever. The vaccine, when given to children who had never been infected with dengue, primes some for that rare phenomenon of severe disease. Now, some researchers are calling for studies that would test the vaccinated children and identify the ones most at risk. They contend that if parents knew their children were at increased risk of severe disease, they could more aggressively seek care if they suspected dengue. This also might alleviate confusion for some parents who have blamed the vaccine for the death of their children. But no one has sponsored the study yet.

Science Translational Medicine

04 September 2019 Vol 11, Issue 508
<https://stm.sciencemag.org/>

[New issue; No digest content identified]

Social Science & Medicine

Volume 234 August 2019

<https://www.sciencedirect.com/journal/social-science-and-medicine/vol/234/suppl/C>

[Reviewed earlier]

Systematic Reviews

<https://systematicreviewsjournal.biomedcentral.com/articles>

[Accessed 7 Sep2019]

[No new digest content identified]

Travel Medicine and Infectious Diseases

Volume 30 Pages 1-148 (July–August 2019)

<https://www.sciencedirect.com/journal/travel-medicine-and-infectious-disease/vol/30/suppl/C>

[Reviewed earlier]

Tropical Medicine & International Health

Volume 24, Issue 9 Pages: i-iv, 1031-1137 September 2019

<https://onlinelibrary.wiley.com/toc/13653156/current>

Original Research Papers

[Awareness and attitude towards human papillomavirus and its vaccine among females with and without daughter\(s\) who participated in cervical cancer screening in Shenzhen, China](#)

[Wei Lin, Yueyun Wang, Zhihua Liu, Bin Chen, Shixin Yuan, Bo Wu, Lin Gong](#)

Pages: 1054-1063

First Published: 02 July 2019

Vaccine

Volume 37, Issue 39 Pages 5807-5908 (16 September 2019)

<https://www.sciencedirect.com/journal/vaccine/vol/37/issue/39>

Review article Abstract only

[Introducing rotavirus vaccine in the Universal Immunization Programme in India: From evidence to policy to implementation](#)

[Akash Malik, Pradeep Haldar, Arindam Ray, Anita Shet, ... Rakesh Kumar](#)

Pages 5817-5824

Review article Abstract only

[Timeliness and factors associated with rotavirus vaccine uptake among Australian Aboriginal and non-Aboriginal children: A record linkage cohort study](#)

[Parveen Fathima, Heather F. Gidding, Thomas L. Snelling, Peter B. McIntyre, ... Hannah C. Moore](#)

Pages 5835-5843

Abstract

Objectives

Rotavirus vaccines (RV), included in Australia's National Immunisation Program from mid-July 2007, are unique in strict time limits for administration. Here, we report on timeliness of RV uptake, compare cumulative RV coverage to age 12 months with DTPa, and assess factors associated with receipt of RV among Aboriginal and non-Aboriginal children.

Methods

Birth records for 681,456 children born in two Australian states in 2007–2012 were probabilistically linked to national immunisation records. We assessed on-time coverage (defined as receipt of vaccine dose between 4 days prior to scheduled date and the

recommended upper limit) for RV and compared this to diphtheria-tetanus-pertussis (DTPa) vaccine. Logistic regression modelling was used to assess independent determinants of receipt of RV.

Results

Compared to non-Aboriginal infants, on-time RV coverage was lower for all doses among Aboriginal infants. Post the upper age limit of RV dose2, DTPa dose2 coverage increased by 9–16% to $\geq 90\%$, whereas RV coverage remained around 77% (Aboriginal) and 85% (non-Aboriginal). Compared to first-born children, the adjusted odds of receiving ≥ 1 RV dose if born to a mother with ≥ 3 previous births was 0.30 (95%CI: 0.27–0.34) among Aboriginal, and 0.53 (95%CI: 0.51–0.55) among non-Aboriginal children. Prematurity (< 33 weeks), low birthweight (< 1500 g), maternal age < 20 years, maternal smoking during pregnancy and living in a disadvantaged area were independently associated with decreased vaccine uptake.

Conclusions

Aboriginal children are at greater risk of rotavirus disease than non-Aboriginal children and delayed vaccine receipt is substantially higher. Although specific programs targeting groups at risk of delayed vaccination might improve RV coverage, relaxation of upper age restrictions is most readily implementable, and its overall risk-benefit should be evaluated.

Review article Abstract only

[Timeliness of immunisations in preterm infants in the Netherlands](#)

Elsbeth D.M. Rouers, Guy A.M. Berbers, Josephine A.P. van Dongen, Elisabeth A.M. Sanders, ... Patricia Bruijning-Verhagen
Pages 5862-5867

Research article Open access

[Feasibility of case-control and test-negative designs to evaluate dengue vaccine effectiveness in Malaysia](#)

Joshua Nealon, Wei-Yin Lim, Annick Moureau, Sharon Linus Lojikip, ... Amar-Singh HSS
Pages 5891-5898

Research article Open access

[Feasibility of case-control and test-negative designs to evaluate dengue vaccine effectiveness in Malaysia](#)

Joshua Nealon, Wei-Yin Lim, Annick Moureau, Sharon Linus Lojikip, ... Amar-Singh HSS
Pages 5891-5898

Vaccines — Open Access Journal

<http://www.mdpi.com/journal/vaccines>

(Accessed 7 Sep2019)

[No new digest content identified]

Value in Health

August 2019 Volume 22, Issue 8, p845-974

[https://www.valueinhealthjournal.com/issue/S1098-3015\(19\)X0008-X](https://www.valueinhealthjournal.com/issue/S1098-3015(19)X0008-X)

[Reviewed earlier]

Viruses

Volume 11, Issue 8 (August 2019)

<https://www.mdpi.com/1999-4915/11/8>

[Reviewed earlier]

* * * *

From Google Scholar & other sources: Selected Journal Articles, Newsletters, Dissertations, Theses, Commentary

Nature Immunology

Published: 02 September 2019

Comment

Vaccine hesitancy and coercion: all eyes on France

JK Ward, P Peretti-Watel, A Bocquier, V Seror, P Verger -

With record levels of vaccine hesitancy and one of the most drastic reinforcements of vaccine mandates in recent years, there is much to learn from the French experience.

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Media/Policy Watch

This watch section is intended to alert readers to substantive news, analysis and opinion from the general media and selected think tanks and similar organizations on vaccines, immunization, global public health and related themes. *Media Watch* is not intended to be exhaustive, but indicative of themes and issues CVEP is actively tracking. This section will grow from an initial base of newspapers, magazines and blog sources, and is segregated from *Journal Watch* above which scans the peer-reviewed journal ecology.

We acknowledge the Western/Northern bias in this initial selection of titles and invite suggestions for expanded coverage. We are conservative in our outlook in adding news sources which largely report on primary content we are already covering above. Many electronic media sources have tiered, fee-based subscription models for access. We will provide full-text where content is published without restriction, but most publications require registration and some subscription level.

ABC News - Australia

<https://www.abc.net.au/news/>

Accessed 7 Sep2019

Politics

'No jab, no pay' threat prompts an extra 174,000 children to be vaccinated in one year

By political reporter Matthew Doran

Posted 31 Aug 2019, 8:55pm

A threat to cut family tax benefits for Australians who did not vaccinate their children has resulted in an increase of 174,000 children being immunised over the last year.

The Atlantic

<http://www.theatlantic.com/magazine/>

Accessed 7 Sep2019

[No new, unique, relevant content]

BBC

<http://www.bbc.co.uk/>

Accessed 7 Sep2019

[No new, unique, relevant content]

The Economist

<http://www.economist.com/>

Accessed 7 Sep2019

[No new, unique, relevant content]

The Express Tribune - Pakistan

<https://tribune.com.pk/>

Accessed 7 Sep2019

Pakistan

[With no refusal cases reported 7.1m children vaccinated in fresh polio drive](#)

Published: August 30, 201

ISLAMABAD : Around 7.1 million children in 46 districts of the country were administered polio drops in the recent vaccination campaign, according to the government figures.

“The recent campaign was successful,” read a statement issued by the Pakistan Polio Programme.

“No news of torture or verbal altercations in any part of the country was received.”...

Financial Times

<http://www.ft.com/home/uk>

Accessed 7 Sep2019

[No new, unique, relevant content]

Forbes

<http://www.forbes.com/>

Accessed 7 Sep2019

[No new, unique, relevant content]

Foreign Affairs

<http://www.foreignaffairs.com/>

Accessed 7 Sep2019

[No new, unique, relevant content]

Foreign Policy

<http://foreignpolicy.com/>

Accessed 7 Sep2019

[No new, unique, relevant content]

The Guardian

<http://www.guardiannews.com/>

Accessed 7 Sep2019

Vaccines and immunisation

[Facebook to direct vaccine searches to public health pages](#)

Facebook moves to stem spread of misinformation online about side-effects of immunisations

Sarah Boseley Health editor

Wed 4 Sep 2019 11.00 EDT

Facebook is to take a stand against vaccine denial by directing people searching for information or using vaccine hashtags to web pages set up by public health bodies.

People who access Facebook and Instagram pages and groups that discuss vaccines, as well as those searching or using relevant hashtags, will see an educational module about vaccine safety. Links will take them to a page provided by the Centers for Disease Control and Prevention (CDC) in the United States and to the World Health Organization elsewhere in the world...

New Yorker

<http://www.newyorker.com/>

Accessed 7 Sep2019

[No new, unique, relevant content]

New York Times

<http://www.nytimes.com/>

Accessed 7 Sep2019

Asia Pacific

[WHO Welcomes Facebook Pledge to Curb Anti-Vaccine Misinformation](#)

The World Health Organization said on Thursday it welcomed a commitment by Facebook that it would direct users seeking vaccine information on its Instagram, Facebook Search, Groups and other forums towards facts, not misinformation.

By Reuters

Africa

[Former Congo Health Minister Questioned Over Ebola Spending](#)

Sept. 2

Democratic Republic of Congo's former health minister has been questioned by police over his management of funds in the country's response to the Ebola epidemic, his lawyers said on Monday.

By Reuters

STAT

<https://www.statnews.com/>

Accessed 7 Sep2019

Health

[With new grants, Gates Foundation takes an early step toward a universal flu vaccine](#)

By Helen Branswell

August 29, 2019

Health

[Federal rules threaten to discourage undocumented immigrants from vaccinating children](#)

By Helen Branswell

August 26, 2019

Washington Post

<http://www.washingtonpost.com/>

Accessed 7 Sep2019

[California lawmaker, governor reach deal on vaccine bill](#)

Don Thompson | AP · National · Sep 6, 2019

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[Think Tanks et al](#)

Brookings

<http://www.brookings.edu/>

Accessed 7 Sep2019

[No new relevant content]

Center for Global Development

<http://www.cgdev.org/page/press-center>

[No new relevant content]

CSIS

<https://www.csis.org/>

Accessed 7 Sep2019

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Council on Foreign Relations

<http://www.cfr.org/>

Accessed 7 Sep2019

[No new relevant content]

Kaiser Family Foundation

https://www.kff.org/search/?post_type=press-release

Accessed 7 Sep2019

[No new relevant content]

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