



Vaccines and Global Health: The Week in Review
26 August 2017
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

*David R. Curry, MS
Editor and
Executive Director
Center for Vaccine Ethics & Policy
david.r.curry@centerforvaccineethicsandpolicy.org*

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 before 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

Editor's Note

We generally reserve this section of our digest for major strategic announcements and significant milestones in the vaccines/immunization space. We share below the text from a WHO recognition that represents, in our view, such a milestone.

"WHO would like to express its thanks and appreciation for the contribution and leadership for the advancement of global health by Dr. Philippe Duclos, Secretary to the Strategic Advisory Group of Experts (SAGE) on Immunization 2005 - 2017"

We understand that WHO held a celebratory event this past Friday to recognize the retirement and final service day of Dr. Philippe Duclos, Executive Secretary to SAGE for many years as indicated. For those who may have served in roles leading and facilitating the development and implementation of global normative standards (in health or any human endeavor) it is clear that it requires an extraordinary mix of technical competence, political skill, and other sensibilities rarely found together.

Phil Duclos evidenced these attributes splendidly and navigated the changing ecology of SAGE with aplomb. His leadership was critical to the many achievements of SAGE during his tenure.

For our part, CVEP found Phil to be ever patient, ever engaged, and ever open to us and the CSO community, which has been a growing part of that SAGE ecology.

We wish him a splendid next adventure, wherever that may take him.

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Emergencies

POLIO

Public Health Emergency of International Concern (PHEIC)

Polio this week as of 23 August 2017 [GPEI]

- :: Read the latest polio updates from [WHO Pakistan](#) and from [WHO Afghanistan](#) to see information on cases, surveillance and vaccination campaigns.
- :: The remarkable impact of frontline workers: read about [Khalida](#), a frontline health worker in Karachi, Pakistan, and her incredible efforts to forge a path to trust in vaccines.
- :: Summary of newly-reported viruses this week: No new viruses reported this week.

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Situation reports on the polio outbreak in Syria

Situation update 22 August 2017

- :: No new cases of cVDPV2 were reported this week. The total number of cVDPV2 cases remains 33. All confirmed cases to date have had onset of paralysis before 11 July 2017.

:: Final lab results are pending for an additional 11 poliovirus type-2 (PV2) isolates (7 from Mayadeen and 3 from Boukamal districts, Deir Ez-Zor governorate, and 1 from Thawra district, Raqqa governorate).

:: Raqqa governorate concluded its first immunization round on 17 August. According to administrative data, 103,720 children were vaccinated, representing 86% campaign coverage. Additional coverage data from independent third party monitoring is being evaluated.

:: The second immunization round in Deir Ez-Zor governorate is expected to start this week. The second immunization round for Raqqa is being planned for after Eid.

:: Under International Health Regulations (2005) (IHR), WHO's Emergency Committee has issued temporary recommendations for Syria as a 'state infected with cVDPV2 with potential risk of international spread'.

:: The total number of AFP cases detected in Deir Ez-Zor governorate since the beginning of 2017 is 118 (87 from Mayadeen, 11 from Deir Ez-Zor, and 20 from Boukamal districts).

Raqqa governorate has reported 16 AFP cases (5 from Raqqa, 10 from Tell Abyad, and 1 from Thawra districts).

:: Homs governorate has reported 27 AFP cases (12 from Homs city, 12 from Rastan, 1 from Tadmour and 2 from Talkalakh districts).

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WHO Grade 3 Emergencies [to 26 August 2017]

Iraq

:: Health services for people fleeing the crisis in Iraq

21 August 2017 - As hundreds of people flee the crisis in Telafar, a city west of Mosul, Iraq, WHO and health partners in collaboration with the health authority have established static and mobile medical clinics to offer 24/7 lifesaving emergency and primary health care services to meet the urgent needs of people fleeing the crisis.

The Syrian Arab Republic -

:: Situation reports on the polio outbreak in Syria 22 August 2017

[See Polio above for more detail]

Nigeria - No new announcements identified.

South Sudan - No new announcements identified.

Yemen - No new announcements identified.

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UNOG - REGULAR PRESS BRIEFING BY THE INFORMATION SERVICE

25 August 2017

[Excerpt]

Syria immunization programmes

Christian Lindmeier, for the World Health Organization, said that routine immunization programmes restarted in North-West Syria, starting in the spring of 2017 with technical support and guidance from WHO.

As of August 2017, more than 35 centres in the areas of Idlib and Hama offered vaccinations against tuberculosis, measles, rubella, mumps, polio, hepatitis B, diphtheria, tetanus, whooping

cough and a special influenza type.

During the years of the crisis, basic vaccines were not always available and clinics and hospitals in some areas could not offer immunization or were even destroyed. During the crisis, WHO's field office in Gaziantep, Turkey, had worked with UNICEF to do short term vaccination campaigns that lasted several weeks, with vaccination teams fanning out to reach children in remote areas of Northern Syria.

However on-going outbreaks in Syria indicated low vaccine coverage and WHO had worked with local NGOs and local clinics to re-establish centres. In July 2017 alone, thanks to the immunization work at these centres, more than 20,000 children in the North-East area were vaccinated with the pentavalent vaccine which protects against hepatitis B, diphtheria, tetanus, whooping cough and the Haemophilus influenza type B.

WHO partners planned to re-establish routine vaccination programmes in dozens more centres in North West by the end of 2017.

Answering questions, Mr. Lindmeier explained that records of immunization had been lost in many cases, with people being displaced; it was very difficult to obtain figures on the number of children who might have died or been sick as a result of low immunization. He also said that, before the war, the level of immunization had been above 95%, but that it was difficult to ascertain the level today. Ongoing outbreaks of polio and measles were indicators that the vaccination level was too low in Syria.

Answering another question, Mr. Lindmeier said that WHO provided supplies to partners on the ground such as NGOs as well as hospitals or health centres, which in turn negotiated with authorities which, in the areas concerned, would be opposition groups.

On immunization, Christophe Boulierac, for the United Nations Children's Fund (UNICEF), added that the second round of polio vaccination in Deir ez-Zor had started on 22 August. On that first day, 14% of the total target had already been reached.

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WHO Grade 2 Emergencies [to 26 August 2017]

Cameroon - No new announcements identified

Central African Republic - No new announcements identified.

Democratic Republic of the Congo - No new announcements identified

Ethiopia - No new announcements identified.

Libya - No new announcements identified.

Myanmar - No new announcements identified

Niger - No new announcements identified.

Ukraine - No new 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.

Iraq

:: [OCHA Iraq | Telafar Flash Update #1: Telafar Humanitarian Response, 20 August 2017](#)

[\[EN/AR/KU\]](#)

:: [Thousands of civilians fleeing Telafar are at extreme risk \[EN/AR/KU\]](#) Report

Published on 20 Aug 2017

Syrian Arab Republic

:: [25 Aug 2017 Displaced, disoriented and shocked, children from Raqqa and Deir-ez-Zor need urgent assistance and protection \[EN/AR\]](#)

:: [Joint Statement on Civilian Casualties Due to Coalition Airstrikes in Ar-Raqqa City \[EN/AR\]](#)

Report Published on 22 Aug 2017 —

Ali Al-Za'tari, the Humanitarian Coordinator for Syria, and Ramesh Rajasingham, the Regional Humanitarian Coordinator for Syria a.i, express their deep concern over the significant number of civilians reportedly killed in the last few days due to the use of explosive ordnances, including through Coalition airstrikes, against targets of the Islamic State of Iraq and the Levant (ISIL) in densely populated neighborhoods of Ar-Raqqa city...

Yemen - *No new 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.

Ethiopia

:: [22 Aug 2017 Ethiopia Weekly Humanitarian Bulletin, 21 August 2017](#)

DRC

:: [Bulletin humanitaire R.D. Congo - Numéro 3 | 21 août 2017](#)

Somalia - *No new announcements identified.*

Nigeria - *No new announcements identified.*

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Editor's Note:

We will cluster these recent emergencies as below and continue to monitor the WHO webpages for updates and key developments.

MERS-CoV [to 26 August 2017]

<http://www.who.int/emergencies/mers-cov/en/>

- *No new announcements identified.*

EBOLA/EVD [to 26 August 2017]

<http://www.who.int/ebola/en/>

- *No new announcements identified.*

Zika virus [to 26 August 2017]

<http://www.who.int/csr/disease/zika/en/>

- *No new announcements identified.*

Yellow Fever [to 26 August 2017]

<http://www.who.int/csr/disease/yellowfev/en/>

- *No new announcements identified.*

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WHO & Regional Offices [to 26 August 2017]

New vision and strengthened partnership for WHO and China

21 August 2017 | GENEVA – WHO Director-General Tedros Adhanom Ghebreyesus concluded a 3-day official visit to the People's Republic of China paving the way for stronger and more strategic WHO-China collaborations. Outcomes of his visit included a new financial contribution to WHO from China, and strengthened commitments to improve the health of billions of people in the 60 countries in the Belt and Road Initiative.

World Humanitarian Day

21 August 2017 – Dr Tedros honoured the heroic people who have died for the humanitarian cause, and thanked those who continue to devote their lives to helping the world's most vulnerable people - in so many different countries, in such difficult circumstances.

Preventing spread of disease after Sierra Leone mudslide

21 August 2017 – WHO is working closely with the Government of Sierra Leone to prevent the spread of infectious diseases such as malaria and cholera in the wake of last week's mudslides and flooding in Freetown. The Organization is also working with partners to ensure ongoing health care for the injured and displaced, and to provide psychological aid to those coping with trauma.

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Disease outbreak news

:: [Chikungunya – France](#) 25 August 2017

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Weekly Epidemiological Record, 25 August 2017, vol. 92, 34 (pp. 477–500)

:: Cholera vaccines: WHO position paper – August 2017

:: Monthly report on dracunculiasis cases, January-June 2017

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WHO Regional Offices

Selected Press Releases, Announcements

WHO African Region AFRO

:: Africa on the verge of winning the fight against Neglected Tropical Disease

Brazzaville, Congo. 24 August 2017 - For more than 40 years, the World Health Organization (WHO) has worked to control river blindness (onchocerciasis), the second major infectious cause of blindness in Africa. Today, 30 years after a major donation of medication by Merck & Co, a pharmaceutical company, and after 20 years of the success of the African Program for Onchocerciasis Control (APOC) the reduction of the disease intensity has allowed WHO to shift the goal from control to elimination – a really ambitious achievement.

The unprecedented donation of medication "as much as needed for as long as needed", combined with innovative distribution mechanism from WHO was protecting more than 110 million people annually in 19 countries by 2015, when the APOC program closed. It prevented over 40,000 cases of blindness every year between 1995 and 2015...

:: Acting on the call (AOTC) 2017 Summit kicks off in Addis Ababa: "Let's make the world a better place for mothers and children"

Addis Ababa, 24th August, 2017: The 4th Acting On The Call (AOTC) conference started on the 24th August 2017 at the African Union, Addis Ababa Ethiopia with a theme "Overcoming Critical Barriers to Maternal and Child Survival". The AOTC conference which is hosted by the governments of Ethiopia and India gathered more than 500 participants from 24 countries and held in the presence of the President of the Federal Republic of Ethiopia, Ministers and high level policymakers from the public and private sectors, NGOs and UN agencies including UN Women, UNICEF, UNFPA and WHO. ...

WHO Region of the Americas PAHO

- No new announcements identified.

WHO South-East Asia Region SEARO

- No new announcements identified.

WHO European Region EURO

:: Chikungunya cases reported in France 25-08-2017

:: Report shows progress towards Health 2020 targets 24-08-2017

:: Towards tobacco-free generations: stopping second-hand smoke and smoking initiation among children 22-08-2017

WHO Eastern Mediterranean Region EMRO

:: WHO and health authorities deliver 24/7 health services for hundreds of people fleeing the crisis in Telafar, Iraq Baghdad, 22 August 2017

WHO Western Pacific Region

:: New vision and strengthened partnership for WHO and China 21 August 2017

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CDC/ACIP [to 26 August 2017]

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

Thursday, August 24, 2017

Most U.S. teens are getting cancer-preventing vaccine

CDC encourages parents to protect children from cancers caused by HPV

Six out of 10 U.S. parents are choosing to get the human papillomavirus (HPV) vaccine for their children, according to a [report](#) published in this week's Morbidity and Mortality Weekly Report. The Centers for Disease Control and Prevention (CDC) recommends parents get two doses of HPV vaccine for their children at ages 11 or 12 to protect against cancers caused by HPV infections. Although most children are getting their first dose of HPV vaccine, many children are not completing the vaccination series.

"I'm pleased with the progress, but too many teens are still not receiving the HPV vaccine – which leaves them vulnerable to cancers caused by HPV infection," said CDC Director Brenda Fitzgerald, M.D. "We need to do more to increase the vaccination rate and protect American youth today from future cancers tomorrow."

Adolescents who get the first dose of HPV vaccine before their 15th birthday need two doses of HPV vaccine to be protected against cancers caused by HPV. Teens and young adults who start the series at ages 15 through 26 years need three doses of HPV vaccine to be protected against cancers caused by HPV.

Teen HPV vaccination: key findings

The annual National Immunization Survey-Teen (NIS-Teen) report, which examines vaccination coverage among U.S. adolescents, found that 60 percent of teens ages 13 to 17 received one or more doses of HPV vaccine in 2016, an increase of 4 percentage points from 2015.

The report also showed that HPV vaccination is becoming more common among boys. The difference in vaccination rates between boys and girls has been narrowing in recent years. About 65 percent of girls received the first dose of HPV vaccine compared to 56 percent of boys receiving the first dose. These latest estimates represent a 6 percentage point increase from 2015 for boys, while rates for girls were similar to 2015.

Despite these increases, areas for improvement remain. While most adolescents have received the first dose of HPV vaccine, only 43 percent of teens are up to date on all the recommended doses of HPV vaccine. HPV vaccination rates were also lower in rural and less urban areas compared to more urban areas...

MMWR News Synopsis for August 24, 2017

:: National, Regional, State, and Selected Local Area Vaccination Coverage Among Adolescents Aged 13–17 Years — United States, 2016

Human Papilloma Vvirus (HPV) vaccination prevents cancer. Six out of 10 U.S. parents are choosing to get the HPV vaccine for their children. Although most children are getting their first dose of HPV vaccine, many children are not completing the vaccination series. CDC recommends 11- to 12-year-olds get two doses of HPV vaccine at least six months apart. Most U.S. parents are getting the first dose of HPV vaccine for their child, according to the latest estimates from the National Immunization Survey-Teen. In 2016, 60 percent of teens aged 13–17 years received one or more doses of HPV vaccine, an increase of 4 percentage points from 2015. The gap in HPV vaccination rates between boys and girls continues to narrow. Roughly 65 percent of girls received the first dose of HPV vaccine compared to 56 percent of boys who

received the first dose of HPV vaccine. Although most children are getting their first dose of HPV vaccine, there continue to be many children who do not complete the vaccination series. HPV vaccination coverage is lower in rural and less urban areas. Those communities could benefit from additional efforts to increase coverage. Recent changes to HPV vaccine recommendations make it easier for parents to protect their children at the recommended ages. CDC recommends 11 to 12 year olds get two doses of HPV vaccine at least six months apart.

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Announcements

AERAS [to 26 August 2017]

<http://www.aeras.org/pressreleases>

No new digest content identified.

BMGF - Gates Foundation [to 26 August 2017]

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

No new digest content identified.

CEPI – Coalition for Epidemic Preparedness Innovations [to 26 August 2017]

<http://cepi.net/>

No new digest content identified.

EDCTP [to 26 August 2017]

<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

22 August 2017

[Workshop to launch EDCTP Alumni Network in October](#)

Since its inception, EDCTP has invested in support for individual researchers at different stages of their careers through an evolving...

European Medicines Agency [to 26 August 2017]

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

23/08/2017

[Strengthening EU-US cooperation in medicine inspections](#)

New commitment allows FDA to share full inspection reports with European Commission and EMA ...

European Vaccine Initiative [to 26 August 2017]

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

No new digest content identified.

FDA [to 26 August 2017]

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

No new digest content identified.

Fondation Merieux [to 26 August 2017]

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

No new digest content identified.

Gavi [to 26 August 2017]

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

23 August 2017

[Gavi, the Vaccine Alliance welcomes Haiti's commitment to immunisation](#)

Government commits to fund vaccines and to strengthen its national immunisation programme to protect more Haitian children.

... According to WHO and UNICEF estimates, in 2016 Haiti had 58% coverage for Diphtheria-Tetanus-Pertussis vaccine (DTP3), the lowest rate in the Americas. While the country remains polio, measles and rubella free, recent outbreaks like diphtheria show the potential consequences of weak vaccine coverage. Significant inequity across provinces, districts as well as urban and rural areas also need to be addressed to reduce under five child mortality from 69 to 25/1,000 by 2030 and thereby reach the Sustainable Development Goal for Health (SDG).

"The Prime Minister's commitment also encourages Gavi and partners to further scale up support to the country", said Anuradha Gupta. "In the near future, we hope that Haiti will further prioritise investments in health to advance Universal Health Coverage so that all Haitians can have access to quality health services including immunisation."...

[Gavi welcomes contribution from the United Arab Emirates](#)

US\$ 5 million pledge will support INFUSE initiative, started in 2016 to help modernise vaccine delivery systems

Geneva, 21 August 2017 – The United Arab Emirates (UAE) has committed US\$ 5 million to Gavi, the Vaccine Alliance, to support its Innovation for Uptake, Scale and Equity in Immunisation (INFUSE) initiative. Launched at the 2016 World Economic Forum meeting in Davos, INFUSE helps developing countries accelerate the introduction of tried and tested technology which will modernise their immunisation systems...

GHIT Fund [to 26 August 2017]

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

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 26 August 2017]

<http://www.theglobalfund.org/en/news/?topic=&type=NEWS;&country=>

No new digest content identified.

Hilleman Laboratories [to 26 August 2017]

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

No new digest content identified.

Human Vaccines Project [to 26 August 2017]

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

No new digest content identified.

IVAC [to 26 August 2017]

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

No new digest content identified.

IVI [to 26 August 2017]

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

August 22, 2017

[ICMR, Department of Health and Family Welfare of MOHFW sign MoU with International Vaccine Institute to support vaccine development in India](#)

The Indian Council of Medical Research (ICMR) under the Department of Health Research and the Department of Health and Family Welfare of the Ministry of Health and Family Welfare(MOHFW) signed a tripartite memorandum of understanding today with the International Vaccine Institute (IVI)to collaborate on vaccine research and development. The agreement will also strengthen the relationship between IVI and India...

MSF/Médecins Sans Frontières [to 26 August 2017]

<http://www.doctorswithoutborders.org/news-stories/press/press-releases>

Press release

[Indian Patent Office Delivers Major Blow to Affordable Pneumonia Vaccine Hopes](#)

August 22, 2017

NIH [to 26 August 2017]

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

August 22, 2017

[Scientists develop infection model for tick-borne flaviviruses](#)

— Researchers say the work will greatly increase knowledge about how flaviviruses infect ticks.

PATH [to 26 August 2017]

<http://www.path.org/news/index.php>

No new digest content identified.

Sabin Vaccine Institute [to 26 August 2017]

<http://www.sabin.org/updates/pressreleases>

No new digest content identified.

UNAIDS [to 26 August 2017]

<http://www.unaids.org/en>

Update

[Ending stigma and discrimination in health centres in Mexico](#)

25 August 2017

Mexico has taken steps to strengthen access to health-care services by lesbian, gay, bisexual, transgender and intersex (LGBTI) people. A new Ministry of Health code of conduct aims to put an end to stigma and discrimination based on gender identity and sexual orientation in all health centres in the country.

Establishing guidelines and specific actions for the provision of health-care services, the code of conduct will be implemented throughout the national health system to guarantee effective access to health by respecting the dignity and autonomy of LGBTI people...

Update

[UNAIDS fully compliant with UN-SWAP](#)

22 August 2017

UNAIDS has been recognized for meeting or exceeding all of the 15 performance indicators of the United Nations System-wide Action Plan on Gender Equality and the Empowerment of Women (UN-SWAP), a year ahead of the deadline established by the United Nations System Chief Executives Board for Coordination....

UNICEF [to 26 August 2017]

<https://www.unicef.org/media/>

No new digest content identified.

The Vaccine Confidence Project [to 26 August 2017]

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

No new digest content identified.

Wellcome Trust [to 26 August 2017]

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

News / Published: 25 August 2017

[A global call for action on drug-resistant infections](#)

A global conference in October will accelerate action on tackling drug-resistant infections, one of the greatest health and economic challenges of our time.

The conference, in Berlin on 12 and 13 October 2017, is organised by Wellcome in partnership with the UK and Thai governments and the UN Foundation. It will support the work of the Antimicrobial Resistance Inter-Agency Coordination Group (IACG).

The event is an opportunity for national governments and multilateral institutions to come together with the civil society, private and philanthropic sectors to focus on the most critical gaps in tackling the development and spread of drug-resistant infections, and to commit to concerted and tangible actions...

News / Published: 24 August 2017

[Leprosy turns immune system against itself](#)

Researchers have shown for the first time how leprosy bacteria damage nerves by infiltrating the immune cells that are meant to protect us.

The research found that leprosy hijacks the immune system, turning an important repair mechanism into one that causes potentially irreparable damage to nerve cells....

BIO [to 26 August 2017]

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

No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network [to 26 August 2017]

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

25 September 2017 to 28 September 2017

DCVMN Annual General Meeting

Seoul / Korea

IFPMA [to 26 August 2017]

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

No new digest content identified.

PhRMA [to 26 August 2017]

<http://www.phrma.org/press-room>

No new digest content identified.

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Reports/Research/Analysis/Commentary/Conferences/Meetings/Book Watch/Tenders

Vaccines and Global Health: The Week in Review has expanded its coverage of new reports, books, research and analysis published independent of the journal channel covered in Journal Watch below. Our interests span immunization and vaccines, as well as global public health, health governance, and associated themes. If you would like to suggest content to be included in this service, please contact David Curry at: david.r.curry@centerforvaccineethicsandpolicy.org

No new digest content identified.

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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

August 01, 2017 Volume 45, Issue 8, p819-938, e69-e90

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

[Reviewed earlier]

American Journal of Preventive Medicine
August 2017 Volume 53, Issue 2, p139-274, e35-e78
<http://www.ajpmonline.org/current>
[Reviewed earlier]

American Journal of Public Health
August 2017 107(8)
<http://ajph.aphapublications.org/toc/ajph/current>
[Reviewed earlier]

American Journal of Tropical Medicine and Hygiene
Volume 97, Issue 2, 2017
<http://www.ajtmh.org/content/current>
[Reviewed earlier]

Annals of Internal Medicine
15 August 2017 Vol: 167, Issue 4
<http://annals.org/aim/issue>
[Reviewed earlier]

BMC Cost Effectiveness and Resource Allocation
<http://resource-allocation.biomedcentral.com/>
(Accessed 26 August 2017)
Research
[**Cost-effectiveness analysis of a universal mass vaccination program with a PHiD-CV 2+1 schedule in Malaysia**](#)
Xiao Jun Wang, Ashwini Saha and Xu-Hao Zhang
Published on: 22 August 2017
Conclusions
A PHiD-CV 2+1 universal mass vaccination program could substantially reduce pneumococcal disease burden versus no vaccination, and was expected to be cost-effective in Malaysia. A PHiD-CV 2+1 program was also expected to be a dominant choice over a PCV13 2+1 program in Malaysia.

BMJ Global Health
January 2017; volume 2, issue 1
<http://gh.bmjjournals.org/content/2/1?current-issue=y>
[Reviewed earlier]

BMC Health Services Research
<http://www.biomedcentral.com/bmchealthservres/content>
(Accessed 26 August 2017)

[No new digest content identified]

BMC Infectious Diseases

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

(Accessed 26 August 2017)

Research article

[Distribution of Streptococcus pneumoniae serotypes in the northeast macro-region of São Paulo state/Brazil after the introduction of conjugate vaccine](#)

Infections caused by Streptococcus pneumoniae (Spn) still challenge health systems around the world, even with advances in vaccination programs. The present study evaluated the frequency of various Spn serotypes ...

Marta Inês Cazentini Medeiros, Samanta Cristine Grassi Almeida, Maria Luiza Leopoldo Silva Guerra, Paulo da Silva, Ana Maria Machado Career and Denise de Andrade

BMC Infectious Diseases 2017 17:590

Published on: 25 August 2017

BMC Medical Ethics

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

(Accessed 26 August 2017)

[No new digest content identified]

BMC Medicine

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

(Accessed 26 August 2017)

Research article

[The impact of repeated vaccination on influenza vaccine effectiveness: a systematic review and meta-analysis](#)

From the patient perspective, our results support current season vaccination regardless of prior season vaccination. We found no overall evidence that prior season vaccination negatively impacts current season VE. It is important that future VE studies include vaccination history over multiple seasons in order to evaluate repeated vaccination in more detail.

Lauren C. Ramsay, Sarah A. Buchan, Robert G. Stirling, Benjamin J. Cowling, Shuo Feng, Jeffrey C. Kwong and Bryna F. Warshawsky

BMC Medicine 2017 15:159

Published on: 21 August 2017

BMC Pregnancy and Childbirth

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

(Accessed 26 August 2017)

[No new digest content identified]

BMC Public Health

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

(Accessed 26 August 2017)
[No new digest content identified]

BMC Research Notes
<http://www.biomedcentral.com/bmcresnotes/content>
(Accessed 26 August 2017)
[No new digest content identified]

BMJ Open
August 2017 - Volume 7 - 8
<http://bmjopen.bmj.com/content/current>
[Reviewed earlier]

Bulletin of the World Health Organization
Volume 95, Number 8, August 2017, 545-608
<http://www.who.int/bulletin/volumes/95/7/en/>
[Reviewed earlier]

Child Care, Health and Development
September 2017 Volume 43, Issue 5 Pages 627–782
<http://onlinelibrary.wiley.com/doi/10.1111/cch.v43.5/issuetoc>
[Reviewed earlier]

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Volume 6(2); July 2017
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[Reviewed earlier]

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August 2017 Volume 39, Issue 8, Supplement, e1-e110
[http://www.clinicaltherapeutics.com/issue/S0149-2918\(17\)X0006-4](http://www.clinicaltherapeutics.com/issue/S0149-2918(17)X0006-4)
The Proceedings of the 13th Congress of the European Association for Clinical Pharmacology and Therapeutics
[Reviewed earlier]

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November/December 2016 Volume 21, Issue S2 Pages 1–642
<http://onlinelibrary.wiley.com/doi/10.1002/cplx.v21.S2/issuetoc>
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[Accessed 26 August 2017]

[No new digest content identified]

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Volume 59, Pages 1-120 (August 2017)

<http://www.sciencedirect.com/science/journal/15517144/59?sdc=1>

[No new digest content identified]

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August 2017 - Volume 30 - Issue 4

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

[Reviewed earlier]

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August 2017 Volume 17, Issue 2 Pages 61–140

<http://onlinelibrary.wiley.com/doi/10.1111/dewb.2017.17.issue-2/issuetoc>

[Reviewed earlier]

Development in Practice

Volume 27, Issue 6

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

[Reviewed earlier]

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July 2017 Volume 41, Issue 3 Pages 427–627

<http://onlinelibrary.wiley.com/doi/10.1111/disa.2017.41.issue-3/issuetoc>

[Reviewed earlier]

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01 August 2017; volume 18, issue 8

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Science & Society

[Archives of and for scienceArchives for molecular biology preserve the heritage of science beyond the published record for future scholars](#)

Through preservation, cataloguing and guaranteeing the authenticity of historical evidence, scientific archives provide unique insight for future scholars into the history of science.

Anne-Flore Laloë

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Volume 23, Number 8—August 2017
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[Reviewed earlier]

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Volume 19, Pages 1-84 (June 2017)
<http://www.sciencedirect.com/science/journal/17554365>
[Reviewed earlier]

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Volume 145 - Issue 11 - August 2017
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[Reviewed earlier]

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Volume 27, Issue 4, 1 August 2017
<https://academic.oup.com/eurpub/issue/27/4>
[Reviewed earlier]

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Volume 10, 2017 – Supplement 2
<http://www.tandfonline.com/toc/zgha20/10/1?nav=tocList>
[Reviewed earlier]

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June 27, 2017, 5 (2)
<http://www.ghspjournal.org/content/current>
[Reviewed earlier]

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Volume 12, 2017 Issue 10
<http://www.tandfonline.com/toc/rgph20/current>
[Reviewed earlier]

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[Accessed 26 August 2017]

Research

[**Association of experienced and evaluative well-being with health in nine countries with different income levels: a cross-sectional study**](#)

It is important to know whether the relationships between experienced and evaluative well-being and health are consistent across countries with different income levels. This would allow to confirm whether the ...

Marta Miret, Francisco Félix Caballero, Beatriz Olaya, Seppo Koskinen, Nirmala Naidoo, Beata Tobiasz-Adamczyk, Matilde Leonardi, Josep Maria Haro, Somnath Chatterji and José Luis Ayuso-Mateos

Globalization and Health 2017 13:65

Published on: 23 August 2017

Research

Mapping mHealth (mobile health) and mobile penetrations in sub-Saharan Africa for strategic regional collaboration in mHealth scale-up: an application of exploratory spatial data analysis

Mobile health (mHealth), a term used for healthcare delivery via mobile devices, has gained attention as an innovative technology for better access to healthcare and support for performance of health workers i...

Seohyun Lee, Yoon-min Cho and Sun-Young Kim

Globalization and Health 2017 13:63

Published on: 22 August 2017

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August 2017; Volume 36, Issue 8

<http://content.healthaffairs.org/content/current>

Issue Focus: Consumerism, Competition, Drug Approval & More

[Reviewed earlier]

Health and Human Rights

Volume 19, Issue 1, June 2017

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

[Reviewed earlier]

Health Economics, Policy and Law

Volume 12 - Issue 3 - July 2017

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

[Reviewed earlier]

Health Policy and Planning

Volume 32, Issue 7 September 2017

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Humanitarian Exchange Magazine

<http://odihpn.org/magazine/the-humanitarian-consequences-of-violence-in-central-america/>

Number 69 June 2017

The humanitarian consequences of violence in Central America

[Reviewed earlier]

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)

Volume 13, Issue 8, 2017

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

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Infectious Agents and Cancer

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

[Accessed 26 August 2017]

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

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Volume 9, Issue 4 July 2017

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International Journal of Community Medicine and Public Health

Vol 4, No 7 (2017) July 2017

<http://www.ijcmph.com/index.php/ijcmph/issue/view/26>

[Reviewed earlier]

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Volume 46, Issue 3, 1 June 2017

<http://ije.oxfordjournals.org/content/current>

[Reviewed earlier]

International Journal of Human Rights in Healthcare

Vol. 10 Issue: 3 2017

<http://www.emeraldinsight.com/toc/ijhrh/10/3>

Special Issue: Physical and mental health in children and young people: two sides of the same coin

Editor(s): Lee Hudson and Deborah Christie

[Reviewed earlier]

International Journal of Infectious Diseases

August 2017 Volume 61, p1-126

[http://www.ijidonline.com/issue/S1201-9712\(17\)X0008-8](http://www.ijidonline.com/issue/S1201-9712(17)X0008-8)

[Reviewed earlier]

JAMA

August 22/29, 2017, Vol 318, No. 8, Pages 677-764

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

Viewpoint

August 22/29, 2017

Multidimensional Evidence Generation and FDA Regulatory Decision Making - Defining and Using "Real-World" Data

Jonathan P. Jarow, MD1; Lisa LaVange, PhD1; Janet Woodcock, MD1

JAMA. 2017;318(8):703-704. doi:10.1001/jama.2017.9991

Initial Text

Evidence linking interventions with health outcomes is the basis for good health care decision making. The widespread use of electronic health records, administrative claims, and social media and the ubiquity of smart devices have created "big data" that heretofore have not been widely utilized. There is substantial enthusiasm for the use of real-world data sources to generate so-called real-world evidence (RWE), but confusion remains about what RWE means. Evidence generation is multidimensional, including data source, study design, and degree of pragmatism. Real-world evidence is defined by the data source and degree of pragmatism independent of study design. Generation of RWE therefore is not limited to observational studies but also includes randomized trials conducted in clinical settings. The US Food and Drug Administration (FDA) currently uses RWE in safety surveillance and development of drugs for rare diseases, but there are other potential applications...

JAMA Pediatrics

August 2017, Vol 171, No. 8, Pages 717-820

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

[Reviewed earlier]

JBI Database of Systematic Review and Implementation Reports

August 2017 - Volume 15 - Issue 8

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

[Reviewed earlier]

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Volume 42, Issue 4, August 2017

<http://link.springer.com/journal/10900/42/3/page/1>

[Reviewed earlier]

Journal of Epidemiology & Community Health

August 2017 - Volume 71 - 8

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

[Reviewed earlier]

Journal of Global Ethics

Volume 13, Issue 1, 2016

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

[Reviewed earlier]

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

Volume 28, Number 3, August 2017

<https://muse.jhu.edu/issue/36192>

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Journal of Immigrant and Minority Health

Volume 19, Issue 4, August 2017

<https://link.springer.com/journal/10903/19/4/page/1>

[Reviewed earlier]

Journal of Immigrant & Refugee Studies

Volume 15, Issue 3, 2017

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

Statelessness, Irregularity, and Protection in Southeast Asia

Introduction to the Special Issue

[New issue; No digest content identified]

Journal of Infectious Diseases

Volume 216, Issue 3 1 August 2017

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

[New issue; No digest content identified]

Journal of Medical Ethics

August 2017 - Volume 43 - 8

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

[Reviewed earlier]

Journal of Medical Internet Research

Vol 19, No 7 (2017): July

<http://www.jmir.org/2017/7>

[Reviewed earlier]

Journal of Medical Microbiology

Volume 66, Issue 8, August 2017

<http://jmm.microbiologyresearch.org/content/journal/jmm/66/8>

[New issue; No digest content identified]

Journal of Patient-Centered Research and Reviews

Volume 4, Issue 3 (2017)

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

[New issue; No digest content identified]

Journal of the Pediatric Infectious Diseases Society (JPIDS)

Volume 6, Issue 2 1 June 2017

<http://juids.oxfordjournals.org/content/current>

[Reviewed earlier]

Journal of Pediatrics

August 2017 Volume 187, p1-340

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

[Reviewed earlier]

Journal of Public Health Management & Practice

July/August 2017 - Volume 23 - Issue 4

<http://journals.lww.com/jphmp/pages/default.aspx>

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Journal of Public Health Policy

Volume 38, Issue 2, May 2017

<https://link.springer.com/journal/41271/38/2/page/1>

[Reviewed earlier]

Journal of the Royal Society – Interface

01 July 2017; volume 14, issue 132

<http://rsif.royalsocietypublishing.org/content/current>

[Reviewed earlier]

Journal of Travel Medicine

Volume 24, Issue 4, July-August 2017

<https://academic.oup.com/jtm/issue/24/4>

[Reviewed earlier]

Journal of Virology

August 2017, volume 91, issue 15

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The Lancet

Aug 26, 2017 Volume 390 Number 10097 p821-912

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

Articles

[Infection-related microcephaly after the 2015 and 2016 Zika virus outbreaks in Brazil: a surveillance-based analysis](#)

Wanderson Kleber de Oliveira, Giovanny Vinícius Araújo de França, Eduardo Hage Carmo, Bruce Bartholow Duncan, Ricardo de Souza Kuchenbecker, Maria Inês Schmidt

Lancet Global Health

Aug 2017 Volume 5 Number 8 e727-e837

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

[Reviewed earlier]

Lancet Infectious Diseases

Aug 2017 Volume 17 Number 8 p781-882 e235-e279

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

[Reviewed earlier]

Lancet Public Health

Aug 2017 Volume 2 Number 8 e341-e386

<http://thelancet.com/journals/lanpub/>

[Reviewed earlier]

Lancet Respiratory Medicine

Aug 2017 Volume 5 Number 8 p599-666 e27-e28

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Volume 21, Issue 8, August 2017

<https://link.springer.com/journal/10995/21/8/page/1>

[Reviewed earlier]

Medical Decision Making (MDM)

Volume 37, Issue 6, August 2017

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

[Reviewed earlier]

The Milbank Quarterly

A Multidisciplinary Journal of Population Health and Health Policy

June 2017 Volume 95, Issue 2 Pages 213–446

<http://onlinelibrary.wiley.com/doi/10.1111/milq.2017.95.issue-2/issuetoc>

[Reviewed earlier]

Nature

Volume 548 Number 7668 pp371-494 24 August 201

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

Articles

[A randomized symbiotic trial to prevent sepsis among infants in rural India](#)

Pinaki Panigrahi, Sailajanandan Parida, Nimai C. Nanda, Radhanath Satpathy, Lingaraj Pradhan
+ et al.

Abstract

Sepsis in early infancy results in one million annual deaths worldwide, most of them in developing countries. No efficient means of prevention is currently available. Here we report on a randomized, double-blind, placebo-controlled trial of an oral symbiotic preparation (Lactobacillus plantarum plus fructooligosaccharide) in rural Indian newborns. We enrolled 4,556 infants that were at least 2,000 g at birth, at least 35 weeks of gestation, and with no signs of sepsis or other morbidity, and monitored them for 60 days. We show a significant reduction in the primary outcome (combination of sepsis and death) in the treatment arm (risk ratio 0.60, 95% confidence interval 0.48–0.74), with few deaths (4 placebo, 6 symbiotic). Significant reductions were also observed for culture-positive and culture-negative sepsis and lower respiratory tract infections. These findings suggest that a large proportion of neonatal sepsis in developing countries could be effectively prevented using a symbiotic containing *L. plantarum* ATCC-202195.

Nature Medicine

August 2017, Volume 23 No 8 pp899-1004

<http://www.nature.com/nm/journal/v23/n8/index.html>

[Reviewed earlier]

Nature Reviews Immunology

August 2017 Vol 17 No 8

<http://www.nature.com/nri/journal/v17/n8/index.html>

[Reviewed earlier]

New England Journal of Medicine

August 24, 2017 Vol. 377 No. 8

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

[New issue; No digest content identified]

Pediatrics

August 2017, VOLUME 140 / ISSUE 2

<http://pediatrics.aappublications.org/content/140/2?current-issue=y>

[Reviewed earlier]

Pharmaceutics

Volume 9, Issue 2 (June 2017)

<http://www.mdpi.com/1999-4923/9/2>

[Reviewed earlier]

PharmacoEconomics

Volume 35, Issue 8, August 2017

<https://link.springer.com/journal/40273/35/8/page/1>

[Reviewed earlier]

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<http://currents.plos.org/disasters/>

[Accessed 26 August 2017]

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PLoS Currents: Outbreaks

<http://currents.plos.org/outbreaks/>

[Accessed 26 August 2017]

[No new digest content identified]

PLoS Medicine

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

(Accessed 26 August 2017)

[No new digest content identified]

["We are survivors and not a virus:" Content analysis of media reporting on Ebola survivors in Liberia](#)

Elisabeth Anne-Sophie Mayrhuber, Thomas Niederkrotenthaler, Ruth Kutalek

Research Article | published 24 Aug 2017 PLOS Neglected Tropical Diseases

<https://doi.org/10.1371/journal.pntd.0005845>

Abstract

Background

The Ebola virus disease epidemic between 2013 and 2016 in West Africa was unprecedented. It resulted in approximately 28.000 cases and 10.000 Ebola survivors. Many survivors face social, economic and health-related predicaments and media reporting is crucially important in infectious disease outbreaks. However, there is little research on reporting of the social situation of Ebola survivors in Liberia.

Methods

The study used a mixed methods approach and analysed media reports from the Liberian Daily Observer (DOL), a daily newspaper available online in English. We were interested to know how the situation of Ebola survivors was portrayed; in what way issues such as stigma and discrimination were addressed; and which stigma reduction interventions were covered and how. We included all articles on the situation of Ebola survivors in the quantitative and in-depth qualitative analysis published between April 2014 and March 2016.

Results

The DOL published 148 articles that portrayed the social situation of Ebola survivors between the 24 months observation period. In these articles, Ebola survivors were often defined beyond biological terms, reflecting on a broader social definition of survivorship. Survivorship was associated with challenges such as suffering from after-effects, social and economic consequences and psychological distress. Almost 50% of the articles explicitly mentioned stigmatisation in their reporting on Ebola survivors. This was contextualised in untrustworthiness towards international responses and the local health care system and inconclusive knowledge on cures and transmission routes. In the majority of DOL articles stigma reduction and engaging survivors in the response was reported as crucially important.

Discussion

Reporting in the DOL was educational-didactical and well-balanced in terms of disseminating available medical knowledge and reflecting the social situation of Ebola survivors. While the articles contextualised factors contributing to stigmatisation throughout the reporting, journalistic scrutiny regarding effectiveness of interventions by government and NGOs was missing.

Author summary

The largest Ebola epidemic occurred in West Africa between 2013 and 2016. Liberia was one of the most affected countries with more than 1500 survivors registered. In the height of the Ebola outbreak survivors were increasingly included in the treatment and care of patients and in health sensitizing and social mobilisation efforts. However, the reintegration of survivors back into their communities proved to be challenging across West Africa. Media reporting plays a crucial role in health emergency situations. It gives visibility to what is considered as relevant, frames risk perception and can induce positive health behaviour practices and attitudes. In this study we analysed how one of Liberia's largest newspapers portrayed and informed the public

on the social situation of survivors, in what way it addressed the issues of stigma and discrimination and which stigma reduction interventions were covered and how. We found that reporting was overall comprehensive and well-balanced in terms of disseminating available medical knowledge, scrutinizing stigma. Reports also reflected on contributing factors such as untrustworthiness towards response as well as inconclusive understanding of cures and transmission routes. In a larger context this specific reporting was acting as corrective to what the larger public believed.

PLoS One

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

[Accessed 26 August 2017]

Research Article

Religion and HPV vaccine-related awareness, knowledge, and receipt among insured women aged 18-26 in Utah

Julia Bodson, Andrew Wilson, Echo L. Warner, Deanna Kepka

Research Article | published 25 Aug 2017 PLOS ONE

<https://doi.org/10.1371/journal.pone.0183725>

Research Article

Cost-effectiveness of inactivated seasonal influenza vaccination in a cohort of Thai children ≤60 months of age

Wanitchaya Kittikraisak, Piyarat Suntarattiwong, Darunee Ditsungnoen, Sarah E. Pallas, Taiwo O. Abimbola, Chonticha Klungthong, Stefan Fernandez, Suchada Srisarang, Tawee Chotpitayasunondh, Fatimah S. Dawood, Sonja J. Olsen, Kim A. Lindblade

Research Article | published 24 Aug 2017 PLOS ONE

<https://doi.org/10.1371/journal.pone.0183391>

PLoS Pathogens

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

[Accessed 26 August 2017]

[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 26 August 2017]

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Prehospital & Disaster Medicine

Volume 32 - Issue 4 - August 2017

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

[New issue; No digest content identified]

Preventive Medicine

Volume 100, Pages 1-298 (July 2017)

<http://www.sciencedirect.com/science/journal/00917435/100?scd=1>

[Reviewed earlier]

Proceedings of the Royal Society B

17 May 2017; volume 284, issue 1854

<http://rspb.royalsocietypublishing.org/content/284/1854?current-issue=y>

[Reviewed earlier]

Public Health Ethics

Volume 10, Issue 2 July 2017

<http://phe.oxfordjournals.org/content/current>

Symposium on Daniel Hausman's Valuing Health: Well-Being, Freedom and Suffering

[Reviewed earlier]

Public Health Reports

Volume 132, Issue 4, July/August 2017

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

[Reviewed earlier]

Qualitative Health Research

Volume 27, Issue 10, August 2017

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

Special Issue: Women's Health

[Reviewed earlier]

Reproductive Health

<http://www.reproductive-health-journal.com/content>

[Accessed 26 August 2017]

[No new digest content identified]

Revista Panamericana de Salud Pública/Pan American Journal of Public Health

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

[No new digest content identified]

Risk Analysis

August 2017 Volume 37, Issue 8 Pages 1435–1628

<http://onlinelibrary.wiley.com/doi/10.1111/risa.2017.37.issue-8/issuetoc>

[New issue; No digest content identified]

Risk Management and Healthcare Policy

Volume 10, 2017

<https://www.dovepress.com/risk-management-and-healthcare-policy-archive56>

[Reviewed earlier]

Science

25 August 2017 Vol 357, Issue 6353

<http://www.sciencemag.org/current.dtl>

Policy Forum

[Fostering reproducibility in industry-academia research](#)

By B. R. Jasny, N. Wigginton, M. McNutt, T. Bubela, S. Buck, R. Cook-Deegan, T. Gardner, B. Hanson, C. Hustad, V. Kiermer, D. Lazer, A. Lupia, A. Manrai, L. McConnell, K. Noonan, E. Phimister, B. Simon, K. Strandburg, Z. Summers, D. Watts

Science 25 Aug 2017 : 759-761 Full Access

Summary

Many companies have proprietary resources and/or data that are indispensable for research, and academics provide the creative fuel for much early-stage research that leads to industrial innovation. It is essential to the health of the research enterprise that collaborations between industrial and university researchers flourish. This system of collaboration is under strain.

Financial motivations driving product development have led to concerns that industry-sponsored research comes at the expense of transparency (1). Yet many industry researchers distrust quality control in academia (2) and question whether academics value reproducibility as much as rapid publication. Cultural differences between industry and academia can create or increase difficulties in reproducing research findings. We discuss key aspects of this problem that industry-academia collaborations must address and for which other stakeholders, from funding agencies to journals, can provide leadership and support.

Science Translational Medicine

23 August 2017 Vol 9, Issue 404

<http://stm.sciencemag.org/>

[\[New issue; No digest content identified\]](#)

Social Science & Medicine

Volume 180, Pages 1-196 (May 2017)

<http://www.sciencedirect.com/science/journal/02779536/180>

[Reviewed earlier]

Travel Medicine and Infectious Diseases

May-June, 2017 Volume 17

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

[Reviewed earlier]

Tropical Medicine & International Health

August 2017 Volume 22, Issue 8 Pages 917–1052

<http://onlinelibrary.wiley.com/doi/10.1111/tmi.2017.22.issue-8/issuetoc>

[Reviewed earlier]

Vaccine

Volume 35, Issue 36, Pages 4659-4824 (24 August 2017)

<http://www.sciencedirect.com/science/journal/0264410X/35/36?sd=1>

Conference report

Immune correlates of protection for dengue: State of the art and research agenda

Pages 4659-4669

Leah C. Katzelnick, Eva Harris, Participants in the Summit on Dengue Immune Correlates of Protection

Abstract

Dengue viruses (DENV1-4) are mosquito-borne flaviviruses estimated to cause up to ~400 million infections and ~100 million dengue cases each year. Factors that contribute to protection from and risk of dengue and severe dengue disease have been studied extensively but are still not fully understood. Results from Phase 3 vaccine efficacy trials have recently become available for one vaccine candidate, now licensed for use in several countries, and more Phase 2 and 3 studies of additional vaccine candidates are ongoing, making these issues all the more urgent and timely. At the “Summit on Dengue Immune Correlates of Protection”, held in Annecy, France, on March 8–9, 2016, dengue experts from diverse fields came together to discuss the current understanding of the immune response to and protection from DENV infection and disease, identify key unanswered questions, discuss data on immune correlates and plans for comparison of results across assays/consortia, and propose a research agenda for investigation of dengue immune correlates, all in the context of both natural infection studies and vaccine trials.

Commentary

Vaccine opponents' use of Twitter during the 2016 US presidential election: Implications for practice and policy

Pages 4670-4672

Mark Dredze, Zachary Wood-Doughty, Sandra Crouse Quinn, David A. Broniatowski

Socioeconomic factors influencing childhood vaccination in two northern Italian regions

Original Research Article

Pages 4673-4680

Paola Anello, Laura Cestari, Tatjana Baldovin, Lorenzo Simonato, Gabriella Frasca, Nicola Caranci, Maria Grazia Pascucci, Francesca Valent, Cristina Canova

Abstract

Background

Infant vaccination rates have been declining in Italy over the past 5–7 years. The aims of this study were to assess the trend in the proportions of children unvaccinated at 24 months old, to

identify sociodemographic factors associated with non-vaccination; and to examine changes in parental attitudes to vaccination over time.

Methods

We conducted a population-based birth cohort study by combining existing electronic data sets. The study population consisted of children born from 1995 to 2010 in the Friuli-Venezia Giulia (FVG) region, and from 2007 to 2011 in part of the Emilia Romagna (ER) region, in north-eastern Italy. The immunization registers were linked with the medical birth registers, which contain sociodemographic data on both parents and the newborn. Unconditional logistic regressions were used to identify associations between vaccine uptake at 24 months and maternal sociodemographic variables.

Results

Of 145,571 babies born in FVG and 75,308 in ER, there were 4222 (1.9%) who had not been vaccinated at all, and 23,948 (11.0%) without the optional measles, mumps and rubella (MMR) vaccination. The number of unvaccinated infants increased over time. Mothers who were over 35 or under 25 years old, unmarried, with a higher formal education, and citizens of highly-developed countries were less compliant with vaccination recommendations in both the regions. A cohort effect was observed in FVG, for both educational level and citizenship: babies born between 1995 and 2000 to mothers without an Italian citizenship and with a lower formal education were more likely to refuse vaccination for their offspring, while this association was reversed between 2006 and 2010.

Conclusions

Mothers who are Italian citizens and have a good formal education have begun to refuse vaccination for their children in recent years. Future public health action in this setting should target highly educated parents.

Untangling the psychosocial predictors of HPV vaccination decision-making among parents of boys

Original Research Article

Pages 4713-4721

Samara Perez, Ovidiu Tatar, Vladimir Gilca, Gillia K. Shapiro, Gina Ogilvie, Juliet Guichon, Anila Naz, Zeev Rosberger

Abstract

Background

HPV vaccination uptake in boys is suboptimal in many jurisdictions, particularly in the absence of publicly funded HPV vaccination programs. Parents represent key decision-makers of HPV vaccination and their HPV vaccine decision-making stage is influenced by multiple psychosocial determinants. Our objective was to assess the relationship between a broad range of psychosocial factors and parents of boys' HPV vaccine decision-making stage.

Methods

Data were collected through an online survey from a nationally representative sample of Canadian parents of boys in February (T1) and November 2014 (T2). We assessed a broad number of psychosocial factors including: socio-demographics, health behaviours and validated scales for assessing HPV knowledge, attitudes and beliefs. Parents selected their HPV vaccination adoption stage based on the Precaution Adoption Process Model (PAPM).

Multinomial logistic regression was used to test the association between predictors and PAPM stage at T1 and T2.

Results

Discussion with a healthcare provider about the HPV vaccine and increased HPV knowledge was associated with increased odds of being in the more advanced PAPM stages. Increased perception of risks in the absence of HPV vaccination, increased perception that others endorse HPV vaccination and positive attitudes related to vaccines in general were associated with increased odds of being in the decided to vaccinate stage. Believing that HPV vaccination is harmful increased, and perceiving the benefits of HPV vaccination decreased the odds of deciding not to vaccinate.

Conclusions

This study highlights the psychosocial predictors of the decision-making stage reported by parents regarding HPV vaccination of their sons, that were significant at two time-points. Targeted interventions that consider the impact of the health care provider and address knowledge gaps as well as individual beliefs about benefits, risks, and harms of the HPV vaccine and vaccines in general should be implemented to help parents make better informed decisions that is, to move closer to actual vaccination adoption.

Responding to a cVDPV1 outbreak in Ukraine: Implications, challenges and opportunities

Original Research Article

Pages 4769-4776

Nino Khetsuriani, Ihor Perehinets, Dorit Nitzan, Dragoslav Popovic, Thomas Moran, Vusala Allahverdiyeva, Shahin Huseynov, Eugene Gavrilin, Liudmyla Slobodianyk, Olha Izhyk, Anna Sukhodolska, Sahar Hegazi, Katerina Bulavinova, Sergei Platov, Patrick O'Connor

Abstract

Background

The European Region, certified polio-free in 2002, remains at risk of wild poliovirus reintroduction and emergence of circulating vaccine-derived polioviruses (cVDPV) until global polio eradication is achieved, as demonstrated by the cVDPV1 outbreak in Ukraine in 2015.

Methods

We reviewed epidemiologic, clinical and virology data on cVDPV cases, surveillance and immunization coverage data, and reports of outbreak-related surveys, country missions, and expert group meetings.

Results

In Ukraine, 3-dose polio vaccine coverage declined from 91% in 2008 to 15% by mid-2015. In summer, 2015, two unrelated children from Zakarpattya province were paralyzed by a highly divergent cVDPV1. The isolates were 20 and 26 nucleotide divergent from prototype Sabin strain (with 18 identical mutations) consistent with their common origin and ~2-year evolution. Outbreak response recommendations developed with international partner support included conducting three nationwide supplementary immunization activities (SIAs) with tOPV, strengthening surveillance and implementing communication interventions. SIAs were conducted during October 2015–February 2016 (officially reported coverage, round 1–64.4%, round 2–71.7%, and round 3–80.7%). Substantial challenges to outbreak response included lack of high-level support, resistance to OPV use, low perceived risk of polio, widespread vaccine hesitancy, anti-vaccine media environment, economic crisis and military conflict. Communication activities improved caregiver awareness of polio and confidence in vaccination. Surveillance was enhanced but did not consistently meet applicable performance standards. Post-outbreak assessments concluded that cVDPV1 transmission in Ukraine has likely stopped following the response, but significant gaps in population immunity and surveillance remained.

Conclusions

Chronic under-vaccination in Ukraine resulted in the accumulation of children susceptible to polioviruses and created favorable conditions for VDPV1 emergence and circulation, leading to the outbreak. Until programmatic gaps in immunization and surveillance are addressed, Ukraine will remain at high-risk for VDPV emergence and circulation, as well as at risk for other vaccine-preventable diseases.

Vaccine: Development and Therapy

<https://www.dovepress.com/vaccine-development-and-therapy-archive111>

(Accessed 26 August 2017)

[No new content]

Vaccines — Open Access Journal

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

(Accessed 26 August 2017)

[No new digest content identified]

Value in Health

July–August 2017 Volume 20, Issue 7, p837-1002

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

[Reviewed earlier]

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

Pan African Medical Journal

2017;27 (Supp 3):19.

[doi:10.11604/pamj.supp.2017.27.3.11544](https://doi.org/10.11604/pamj.supp.2017.27.3.11544)

Commentary

Delayed introduction of the birth dose of Hepatitis B vaccine in EPI programs in East Africa: a missed opportunity for combating vertical transmission of Hepatitis B

B Bodo, OO Malande -

Abstract

Vertical Transmission of hepatitis B virus is a major route through which children acquire Hepatitis B infection. Only 10 out of 47 countries in Africa, and none from East Africa; have implemented the WHO recommendation of introducing a birth-dose of hepatitis B vaccine in their EPI program. This article therefore examines the challenges as well as the opportunities that exists for the introduction of a birth-dose of hepatitis vaccine in the National Expanded Program for Immunization (EPI) program by countries in the East African Region. It explores probable health systems factors that have hindered the countries from introducing the birth dose of hepatitis B and proposes actions that countries can take to introduce the vaccine based on their context by drawing on the experience of some Asian countries.

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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.

The Atlantic

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

Accessed 26 August 2017

[No new, unique, relevant content]

BBC

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

Accessed 26 August 2017

[No new, unique, relevant content]

The Economist

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

Accessed 26 August 2017

[No new, unique, relevant content]

Financial Times

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

[No new, unique, relevant content]

Forbes

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

Accessed 26 August 2017

[**Zipline Is Launching The World's Largest Drone Delivery Network In Tanzania**](#)

Leif Walcutt , Forbes Staff

Aug 24, 2017

One of the greatest challenges in global health is how countries can keep a proper supply of life-saving medicines in rural areas. In some, like Rwanda and Tanzania, governments keep low stock due to the high cost of storage — a reality known as “stock outs” — meaning it can sometimes take upwards of four hours for life-saving medical supplies to arrive.

Enter Zipline, a California-based logistics company that has been operating a blood delivery service in Rwanda since October 2016. It now transports 20% of the nation's blood supply outside Kigali and announced Thursday plans to expand into Tanzania, where 68% of the country's 55 million-person population resides in rural areas.

When fully in place, Zipline will have four distribution centers across Tanzania, offering a range of medical supplies becoming the largest drone delivery system in the world...

Why Opting Out of Vaccinations Puts The Greater Population At Risk

Aug 22, 2017

Given that vaccines cause immunity, then why are unvaccinated people considered a danger to the vaccinated ones? This question was originally answered on Quora by Tirumalai Kamala.

Foreign Affairs

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

Accessed 26 August 2017

[No new, unique, relevant content]

Foreign Policy

<http://foreignpolicy.com/>

Accessed 26 August 2017

[No new, unique, relevant content]

The Guardian

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

Accessed 26 August 2017

[No new, unique, relevant content]

New Yorker

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

Accessed 26 August 2017

[No new, unique, relevant content]

New York Times

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

Accessed 26 August 2017

[No new, unique, relevant content]

Wall Street Journal

http://online.wsj.com/home-page?_wsjregion=na,us&_homepage=/home/us

Accessed 26 August 2017

[No new, unique, relevant content]

Washington Post

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

Accessed 26 August 2017

Despite measles outbreak, anti-vaccine activists in Minnesota refuse to back down

By Lena H. Sun

August 21, 2017

Minnesota's worst measles outbreak in decades has unexpectedly energized [anti-vaccine forces](#), who have stepped up their work in recent months to challenge efforts by public health officials and clinicians to prevent the spread of the highly infectious disease.

In Facebook group discussions, local activists have asked about holding "measles parties" to expose unvaccinated children to others infected with the virus so they can contract the disease and acquire immunity. Health officials say they are aware of the message posts but haven't seen evidence that such parties are taking place.

The activists also are using social media to urge families who do not want to immunize their children or who believe their children have been harmed by vaccines to meet in Minneapolis this week with associates of Andrew Wakefield, the founder of the [modern anti-vaccine movement](#). The associates have been touring the United States and abroad with the former doctor's [movie](#), "Vaxxed: From Cover-up to Catastrophe," which repeats the debunked theory that vaccines cause autism and that scientists, pediatricians and the public health system are part of an elaborate conspiracy. A recent fundraiser at the clinic of a suburban Minneapolis pediatrician who supports "alternative vaccine schedules" benefited a second film that also will feature Wakefield, whose research has been [retracted for falsehoods](#).

The activity in Minnesota has taken some immunization supporters and clinicians by surprise...

Think Tanks et al

Brookings

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

Accessed 26 August 2017

[No new relevant content]

Center for Global Development

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

Accessed 26 August 2017

[No new relevant content]

Council on Foreign Relations

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

Accessed 26 August 2017

[No new relevant content]

CSIS

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

Accessed 26 August 2017

Blog Post

[New Partnerships Needed after Ebola's Hard Lessons](#)

April 25, 2017 | By J. Stephen Morrison, Chris Millard

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Support for this service is provided by the Bill & Melinda Gates Foundation; Aeras; IAVI; PATH, and industry resource members Janssen/J&J, Pfizer, Sanofi Pasteur U.S., Takeda, Valera (list in formation), and the Developing Countries Vaccine Manufacturers Network (DCVMN).

Support is also provided by a growing list of individuals who use this membership service to support their roles in public health, clinical practice, government, NGOs and other international institutions, academia and research organizations, and industry.

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