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Paediatric eTOC Bulletin

October 2024

Archives of Disease in Childhood ~ European Journal of Pediatrics ~
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THE LANCET

The Lancet [October 5, 2024](#)

Correspondence

An urgent case for measles vaccination in Gaza

In response to the identification of circulating vaccine-derived poliovirus type 2 in wastewater in Gaza, followed by a single confirmed case of paralytic poliomyelitis in a young child, the first round of an oral polio vaccination campaign targeting children (aged ≤ 10 years) is underway and has, as of Sept 16, 2024, been highly successful.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)02076-2](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)02076-2)

Article

Effects of oral sepiapterin on blood Phe concentration in a broad range of patients with phenylketonuria (APHENITY): results of an international, phase 3, randomised, double-blind, placebo-controlled trial

Phenylketonuria is an inherited condition characterised by neurotoxic accumulation of phenylalanine (Phe). APHENITY assessed the efficacy and safety of orally administered synthetic sepiapterin in children and adults with phenylketonuria.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)01556-3](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)01556-3)

The Lancet [October 12, 2024](#)

Editorial

Unhealthy influencers? Social media and youth mental health

Adolescents are spending increasing amounts of time immersed in a digital world—checking messages on X, counting likes on Instagram, or watching YouTube or TikTok

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)02244-X](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)02244-X)

Comment

Long-term efficacy and public health implications of the Vi-tetanus toxoid conjugate vaccine in Bangladeshi children

Typhoid fever continues to pose a substantial public health challenge in low-income and middle-income countries, including Bangladesh. WHO recommends the typhoid conjugate vaccine (TCV), which has shown an efficacy rate of 79–85% in preventing typhoid fever in endemic regions according to randomised controlled trials.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)01857-9](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)01857-9)

Comment

Offline: The moral drift that destroys us

Are we living through an era of moral progress? Slavery. Child labour. Capital punishment. All gone or going, if too slowly in some countries.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)02219-0](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)02219-0)

Perspectives

A history of self-harm in the UK and the USA





Self-harm is complicated. The term can encompass any number of different behaviours, carried out with varied, often opaque, intentions and which can have contrasting results.
Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)02127-5](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)02127-5)

Article

5-year vaccine protection following a single dose of Vi-tetanus toxoid conjugate vaccine in Bangladeshi children (TyVOID): a cluster randomised trial

WHO currently recommends a single dose of typhoid conjugate vaccine (TCV) in high-burden countries based on 2-year vaccine efficacy data from large randomised controlled trials. Given the decay of immunogenicity, the protection beyond 2 years is unknown. We therefore extended the follow-up of the TyVAC trial in Bangladesh to assess waning of vaccine protection to 5 years after vaccination.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)01494-6](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)01494-6)

The Lancet [October 19, 2024](#)

Perspectives

Shame competence: addressing the effects of shame in health care

In an era of technological advancement and artificial intelligence, emotions experienced by patients and health professionals are often overlooked.

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Correspondence

The opioid crisis in Nigeria: a call for public health and policy interventions

The opioid crisis, once primarily a concern of high-income countries, is increasingly becoming a substantial public health challenge in Nigeria.¹ The alarming rise in opioid abuse, particularly among young people and vulnerable communities, poses a severe threat to the nation's health and social stability.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)01855-5](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)01855-5)

The Lancet [October 26, 2024](#)

World Report

Child health in Gaza

Israeli military operations in Gaza have decimated child health, resulting in a “lost generation”. Sharmila Devi reports.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)02349-3](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)02349-3)

Correspondence

Navigating the route to polio eradication in the WHO AFRO region

The global polio eradication hinges on timely reporting of polioviruses and rapid responses. Despite considerable efforts made during the past three decades to contain polio, the WHO African (AFRO) region still faces multifaceted hurdles.

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)02148-2](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)02148-2)





Correspondence

Polio eradication: 25 years overdue, US\$25 billion overrun

The Global Polio Eradication Initiative has lost its way in terms of polio eradication by focusing on eliminating the poliovirus with mass rounds of the oral poliovirus vaccine (OPV).

Full text options: [https://libkey.io/libraries/1656/10.1016/S0140-6736\(24\)01913-5](https://libkey.io/libraries/1656/10.1016/S0140-6736(24)01913-5)

THE LANCET
Child & Adolescent Health

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New England Journal of Medicine

NEJM [October 3, 2024](#)

Clinical practice

Prolonged Grief Disorder

Prolonged grief disorder can follow the death of a loved one, especially the loss of a child or partner or death by violence or suicide. Evidence-based psychotherapy is the first-line treatment.

Full text options: <https://libkey.io/libraries/1656/10.1056/NEJMcp2308707>

Correspondence

Newborn Screening and Presymptomatic Treatment of Metachromatic Leukodystrophy

In a pilot program in which 109,259 newborns were screened for metachromatic leukodystrophy, blood-spot samples were obtained for analysis and three newborns with MLD were identified, which made presymptomatic treatment possible.

Full text options: <https://libkey.io/libraries/1656/10.1056/NEJMc2407165>

NEJM [October 10, 2024](#)

NEJM [October 17, 2024](#)

NEJM [October 24, 2024](#)

Images in clinical medicine

Trichuriasis

A 2-year-old boy presented with a 6-month history of diarrhea and poor weight gain. Tests for infectious diarrhea were negative, but a colonoscopy revealed mobile, white worms on the colon wall.

Full text options: <https://libkey.io/libraries/1656/10.1056/NEJMicm2406623>

NEJM [October 31, 2024](#)

Review article

Lead poisoning

Chronic lead poisoning, even at low levels, is a risk factor for cardiovascular disease in adults and cognitive deficits in children. The authors review the effects of chronic, low-level lead poisoning.

Full text options: <https://libkey.io/libraries/1656/10.1056/NEJMra2402527>



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Images in clinical medicine

Chvostek's Sign in Familial Hypoparathyroidism

A 2-year-old boy was brought to the ED after he had had four generalized seizures in the previous week. Physical examination was notable for brisk tendon reflexes and Chvostek's sign.

Full Text options: <https://libkey.io/libraries/1656/10.1056/NEJMicm2406864>

Clinical decisions

Watchful Waiting versus Antibiotics for Acute Otitis Media in Pediatric Patients

This case vignette of a 13-month-old girl with fever and acute otitis media in one ear is accompanied by two essays, one recommending watchful waiting with close follow-up and the other supporting prescription of antibiotics.

Full text options: <https://libkey.io/libraries/1656/10.1056/NEJMclde2404416>

Correspondence

Ten-Year Outcomes after Bariatric Surgery in Adolescents

A study documents the long-term durability of weight loss and remission of related conditions after bariatric surgery, as well as the greater health benefits in adolescents than would be expected in similarly treated adults.

Full text options: <https://libkey.io/libraries/1656/10.1056/NEJMc2404054>

Paediatrics and Child Health



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