



Infection Current Awareness Update

01/07/2024

Welcome to the weekly **Infection Current Awareness Update** (ICAU), produced by **UKHSA Knowledge and Library Services**. The purpose of this update is to provide you with the latest, best evidence about infection, to help you make informed decisions.

If you have any queries, please contact us at libraries@ukhsa.gov.uk, and if you would like to request a literature search, please use the **Knowledge and Library Services Enquiries Portal**.

Please note that not all the articles and resources referred to in this alert are freely available. Some articles may require an Athens username and password. For further information on Athens accounts please visit [here](#). If you are not eligible to access our library services, then you may want to approach your **local NHS library service**.

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- [Nature Reviews Microbiology](#)
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UKHSA affiliation

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COVID-19 related research

COVID-19 infection

1. [Comment] Why Latin America needs a regional Centre for Disease Control and Prevention

25-04-2024 - Elsevier

Home to about 8·2% of the global population, Latin America experienced a disproportionate burden of COVID-19. The region reported 80 million COVID-19 cases and 1·7 million deaths, representing 10% and 25% of global figures.¹ Latin America accounts for the highest loss of years of life expectancy at birth in 2021 versus 2019.² There was scarce collaboration between Latin American countries ... [Read more...](#)

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Infection-related journals

American Journal of Infection Control

1. Gastrointestinal Endoscopy 30-day-associated Bacteremia: Non-outbreak Five-Year Review in an Inner-City, Tertiary-Care Hospital

29-06-2024 - Elsevier

Gastrointestinal endoscopic procedures (GIEP's) are an essential part of patient care both diagnostically and therapeutically. Post-GIEP infections may be higher than previously reported and may not have been accurately captured in the past. The aim of this study was to determine the incidence and associated factors of bacteremia associated with GIEP's. [Read more...](#)

2. Effectiveness of ceiling-mounted ultraviolet-C lamps: an experimental study in a biocontainment unit of a tertiary care hospital

28-06-2024 - Elsevier

The mounted UV-C lamp requires no separate space or labor for transport, but data on its effectiveness for surface disinfection are scarce. We aimed to evaluate the performance of ceiling-mounted UV-C lamps.

[Read more...](#)

3. Impact of an electronic smart order-set for diagnostic stewardship of *Clostridioides difficile* infection (CDI) in a community healthcare system in South Florida

27-06-2024 - Elsevier

Inappropriate testing for *Clostridioides difficile* infection (CDI) increases health care onset cases and contributes to overdiagnosis and overtreatment of patients in a community health care system. [Read more...](#)

4. The Longer the Catheter, the Lower the Risk of Complications: Results of the HERITAGE Study Comparing Long Peripheral and Midline Catheters

27-06-2024 - Elsevier

Although widely used in clinical practice, long peripheral (LPCs) and midline catheters (MCs) are often misclassified because of their similar characteristics. Studies comparing complications associated to these devices are lacking. The study aim was to explore complications risks associated with polyurethane LPCs and MCs. [Read more...](#)

5. The antimicrobial effectiveness of chlorhexidine and chlorhexidine-silver sulfadiazine impregnated central venous catheters against the emerging fungal pathogen *Candida auris*

27-06-2024 - Elsevier

Candida auris is an emerging multidrug-resistant fungus associated with catheter-related bloodstream infections (CRBSI). In-vitro efficacy of chlorhexidine (CHX) and CHX/silver sulfadiazine-impregnated (CHX-S) antimicrobial central venous catheters (CVCs) against *C. auris* was investigated. [Read more...](#)

6. Using a Standardized Algorithm to Decrease Central Venous Catheter Utilization

26-06-2024 - Elsevier

Central venous catheters (CVCs) have many benefits in patient care but are associated with increasing risks with catheter duration. A level II trauma certified community hospital sought to decrease CVC duration utilizing a daily assessment algorithm in the critical care unit. After implementation, CVC days decreased from 490 CVC days per 1000 patient days to 452 (OR 0.86, $p < 0.05$). [Read more...](#)

7. Active screening cultures to reduce infections caused by carbapenem-resistant *Acinetobacter baumannii*: a systematic review and meta-analysis

25-06-2024 - Elsevier

Carbapenem-resistant *Acinetobacter baumannii* (CRAB) has emerged as a significant healthcare-associated infection carrying substantial mortality. We aimed to assess the clinical impact of active screening cultures for CRAB. [Read more...](#)

8. Risk assessment and the use of personal protective equipment in an emergency department: differing perspectives of emergency and infection control clinicians. A video-vignette survey.

24-06-2024 - Elsevier

The use of personal protective equipment (PPE) in emergency departments (EDs) is an important defence during infectious disease emergencies. However, what counts as appropriate PPE in EDs is contentious and inconsistently implemented in practice. [Read more...](#)

9. Infection Prevention and Control Among Paramedics: A Scoping Review

24-06-2024 - Elsevier

Paramedics are exposed to many infectious diseases in their daily professional activities, leading to a high risk of transmitting infectious diseases to patients in out-of-hospital settings, and possibly leading to healthcare associated infections in hospitals and the community. The coronavirus disease 2019 pandemic has highlighted the importance of infection prevention and control in ... [Read more...](#)

10. Risk factors for *Pseudomonas aeruginosa* VIM colonization/infection in the ICU: Case control study

24-06-2024 - Elsevier

Carbapenem-resistant strains of *Pseudomonas aeruginosa* (CRPA) have become a major healthcare concern in many countries, against which anti-infective strategies are limited and which require adequate infection control interventions. Knowing the different modes of transmission of CRPA in intensive care units (ICUs) would be helpful to adapt the means of prevention. [Read more...](#)

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Clinical Infectious Diseases

1. Comparison of early fungicidal activity and mortality between daily liposomal amphotericin B and daily amphotericin B deoxycholate among patients with HIV-associated cryptococcal meningitis

29-06-2024 - Oxford University Press

Amphotericin B based treatments for cryptococcal meningitis have not robustly been compared to each other. We conducted a cohort study and demonstrated that amphotericin B deoxycholate and liposomal amphotericin B have similar fungal clearance rates, and similar 10-week survival rates. [Read more...](#)

2. Considerations on the associations between antiretroviral regimen and changes in blood pressure in the D2EFT study

29-06-2024 - Oxford University Press

[Read more...](#)

3. Interest in and Preference for Long-acting Injectable Antiretroviral Therapy in the Era of Approved Cabotegravir/Rilpivirine among Reproductive-aged Women in the U.S. South

29-06-2024 - Oxford University Press

[Read more...](#)

4. Refining our understanding of the association between integrase inhibitor therapy and elevations in blood pressure

28-06-2024 - Oxford University Press

[Read more...](#)

5. Maintenance of Certification: Is a Knowledge-Based Assessment Really Necessary?

27-06-2024 - Oxford University Press

[Read more...](#)

6. Remdesivir for Treatment of COVID-19 Requiring Oxygen Support: A Cross-Study Comparison from Two Large, Open-Label Studies

26-06-2024 - Oxford University Press

[Read more...](#)

7. Impact of RNase in Patients With Severe Fatigue Related to Post-Acute Sequelae of SARS-CoV-2 Infection

26-06-2024 - Oxford University Press

[Read more...](#)

8. Perspectives from Beyond the Maze

26-06-2024 - Oxford University Press

[Read more...](#)

9. Risks of SARS-CoV-2 JN.1 infection and COVID-19 associated emergency-department (ED) visits/hospitalizations following updated boosters and prior infection: a population-based cohort study

26-06-2024 - Oxford University Press

In a retrospective cohort study that assessed factors associated with SARS-CoV-2 infection/emergency-department (ED)-visits/hospitalizations amongst all adult Singaporeans during a JN.1 wave, receipt of updated XBB1.5 vaccines 8-120 days prior was associated with lower risk of JN.1 infection/ED-visits/hospitalizations. [Read more...](#)

10. Navigating the Med-Peds Maze: Considerations for the Combined Adult and Pediatric Infectious Disease Fellowship Application Process

25-06-2024 - Oxford University Press

[Read more...](#)

11. Clinical sub-phenotypes of bacteraemia

25-06-2024 - Oxford University Press

We studied a total of 1430 patients with SAB in three separate cohorts, using latent class analysis to identify five distinct and reproducible clinical sub-phenotypes. These sub-phenotypes were associated with differences in mortality, microbiologic outcomes, and response to adjunctive rifampicin. [Read more...](#)

12. Characterization of gram-negative bloodstream infections in hospitalised Australian children and their clinical outcomes

25-06-2024 - Oxford University Press

931 GNBSI episodes involving 818 children were studied. The children were typically young and medically complex. Enterobacterales comprised 71%, of which 22% demonstrated third generation cephalosporin (3GC) resistance. BSI caused by Enterobacterales resistant to 3GC were associated with worse outcomes. [Read more...](#)

13. Risk factors and outcome associated with fungal infections in patients with severe burn injury: 10-year retrospective IFI-BURN study

25-06-2024 - Oxford University Press

[Read more...](#)

14. Efficacy and Safety of Remdesivir in People With Impaired Kidney Function Hospitalized for COVID-19 Pneumonia: A Randomized Clinical Trial

24-06-2024 - Oxford University Press

[Read more...](#)

15. Projecting the Potential Clinical and Economic Impact of Human Immunodeficiency Virus Prevention Resource Reallocation in Tennessee

24-06-2024 - Oxford University Press

A microsimulation model projected that reallocating CDC HIV prevention funding in Tennessee from CDC priority populations to first responders, pregnant people, and survivors of sex trafficking would harm CDC priority populations, while conferring minimal benefits to the new priority populations. [Read more...](#)

16. species valvular and cardiac device-related infective endocarditis: contemporary data from the GAMES prospective cohort (2008–2023)

24-06-2024 - Oxford University Press

This study describes the clinical features and prognosis of species valvular and cardiac device-related infective endocarditis in a nationwide prospective cohort over a 16-year period and examines the impact of molecular techniques and the new Duke-ISCVID criteria on diagnosis. [Read more...](#)

17. Drug exposure and treatment outcomes in patients with multidrug resistant tuberculosis and diabetes mellitus: A multicenter prospective cohort study from China

24-06-2024 - Oxford University Press

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Clinical Microbiology and Infection

1. The world health organization pandemic agreement draft: considerations by the European Society of Clinical Microbiology and Infectious Diseases Emerging Infections Task Force

25-06-2024 - Ovid

Author Names: Granata G., Astorri R., Broens E.M., Callaby H., Cunha F., Di Caro A., Fusco F.M., Greub G., Grobusch M.P., Koopmans M., Pereira do Vale A., Pisapia R., Rovers C.P., Tostmann A., Tunali V., de Valdoeiros S.R., Petersen E. Database Source: Embase Daily Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: The world health organization ... [Read more...](#)

2. Cerebrospinal fluid galactomannan detection for the diagnosis of central nervous system aspergillosis: a diagnostic test accuracy systematic review and meta-analysis

25-06-2024 - Ovid

Author Names: Komorowski A.S., Hall C.W., Atwal S., Johnstone R., Walker R., Mertz D., Piessens E.A., Yamamura D., Kasper E.M. Database Source: Embase Daily Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Cerebrospinal fluid galactomannan detection for the diagnosis of central nervous system aspergillosis: a diagnostic test accuracy ... [Read more...](#)

3. Empiric antibiotic regimens in adults with non-ventilator-associated hospital-acquired pneumonia: a systematic review and network meta-analysis of randomized controlled trials

25-06-2024 - Ovid

Author Names: Ghadimi M., Siemieniuk R.A.C., Guyatt G., Loeb M., Hazzan A.A., Aminaei D., Gomaa H., Wang Y., Yao L., Agarwal A., Basmaji J., Grant A., Kim W.S.H., Alvarado-Gamarra G., Likhvantsev V., Lima J.P., Motaghi S., Couban R., Sadeghirad B., Brignardello-Petersen R. Database Source: Embase Daily Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: ... [Read more...](#)

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Clinical Microbiology Reviews

1. Role of the intestinal microbiota in contributing to weight disorders and associated comorbidities

28-06-2024 - American Society for Microbiology

Clinical Microbiology Reviews, Ahead of Print. [Read more...](#)

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Current Opinion in Microbiology

1. Advances in regulation of homeostasis through chromatin modifications by airway commensals

27-06-2024 - *ScienceDirect*

Publication date: August 2024 Source: Current Opinion in Microbiology, Volume 80 Author(s): Michael G Connor, Melanie A Hamon [Read more...](#)

2. Vertebrate and invertebrate animal infection models of *Candida auris* pathogenicity

25-06-2024 - *ScienceDirect*

Publication date: August 2024 Source: Current Opinion in Microbiology, Volume 80 Author(s): Melissa Martinez, Danielle A Garsin, Michael C Lorenz [Read more...](#)

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Current Opinion in Virology

1. Editorial overview: The lung, the gut, and the genital mucosae: microbial targets and therapeutic playgrounds

28-06-2024 - *ScienceDirect*

Publication date: August 2024 Source: Current Opinion in Virology, Volume 67 Author(s): Jean-Michel Sallenave, Zhou Xing [Read more...](#)

2. Hepatitis C virus and hepatocellular carcinoma: carcinogenesis in the era of direct-acting antivirals

26-06-2024 - *ScienceDirect*

Publication date: August 2024 Source: Current Opinion in Virology, Volume 67 Author(s): Felix Fiehn, Claudia Beisel, Marco Binder [Read more...](#)

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Diagnostic Microbiology and Infectious Disease

1. Non-Invasive Detection of Aspergillosis in Ventilated Patients: Galactomannan Analysis in Exhaled Breath: Aspergillosis Detection via EBC-GM in Ventilated Patients

30-06-2024 - *ScienceDirect*

Publication date: Available online 29 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): XiaoHong Tang, Lei Yang, Rong Zhang, Hong Fang, Huan Tang, Qian Xie, HaiLian Wang, Lin Chen, Yang Yang [Read more...](#)

2. Development and validation of a novel prediction model for Carbapenem-resistant organism infection in a large-scale hospitalized patients

30-06-2024 - *ScienceDirect*

Publication date: Available online 30 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Zhiqiang Wang, Hao Wu, Yunping Guo, Linyin Zhu, Zhuangqing Dai, Huihui Zhang, Xiaoting Ma [Read more...](#)

3. Current *Mycoplasma pneumoniae* outbreak: don't forget its role in Bickerstaff encephalitis

29-06-2024 - *ScienceDirect*

Publication date: Available online 28 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Thomas Lacampagne, Vivien Guillotin, Olivia Peuchant, Antoine Belloir, Igor Sibon, Cécile Bébéar, Charles Cazanave [Read more...](#)

4. The prevalence of hepatitis B virus infection among HIV-infected patients in the Ningxia Hui Autonomous Region, China, November 2002 to July 2023

27-06-2024 - *ScienceDirect*

Publication date: Available online 26 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Longshan Li, Dongzhi Yang, Xiaoyin Chen, Wenhe Kuai, Xueping Ma [Read more...](#)

5. Carbapenem-resistant *Klebsiella pneumoniae* strains isolated from clinical specimens in Siirt, Türkiye molecular characterization and antimicrobial resistance genes detection

26-06-2024 - *ScienceDirect*

Publication date: Available online 25 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Sevgi Güneş, Ömer Acer, Yasemin Genç Bahçe [Read more...](#)

6. Genomic characterization of a high pathogenic *Escherichia coli* causing bacterial meningitis in a newborn in Italy, 2022

26-06-2024 - *ScienceDirect*

Publication date: Available online 26 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Paolo Gaibani, Annarita Mazzariol, Benedetta Secci, Erica Diani, Davide Gibellini [Read more...](#)

7. *Mycoplasma salivarium* in a Retropharyngeal abscess – nidus in a niche!

26-06-2024 - *ScienceDirect*

Publication date: Available online 25 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Dr. Krithiga Ramachandran, Dr. Nandini Sethuraman, Mrs. Geetharani Yuvaraj, Dr. Venkatakarthikeyan Chokkalingam [Read more...](#)

8. MALDI-TOF Direct Identification of Positive Blood Cultures: A Four-Year analytical Evaluation of a Triton based workflow

24-06-2024 - *ScienceDirect*

Publication date: Available online 23 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Amber Cousse, Wouter Vandewal, Karel Maelegheer [Read more...](#)

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Emerging Infectious Diseases Journal - CDC

1. Emergence of Bluetongue Virus Serotype 3, the Netherlands, September 2023

28-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

M. Holwerda et al. [Read more...](#)

2. Highly Pathogenic Avian Influenza Virus A(H5N1) Clade 2.3.4.4b Infection in Free-Ranging Polar Bear, Alaska, USA

28-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

R. Stimmelmayer et al. [Read more...](#)

3. Environmental Hot Spots and Resistance-Associated Application Practices for Azole-Resistant *Aspergillus fumigatus*, Denmark, 2020–2023

27-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

M. Arendrup et al. [Read more...](#)

4. Persistence of Influenza H5N1 and H1N1 Viruses in Unpasteurized Milk on Milking Unit Surfaces

24-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

V. Le Sage et al. [Read more...](#)

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European Journal of Clinical Microbiology and Infectious Disease

1. Prevalence and risk factors of extended-spectrum beta-lactamase producing E. coli causing urinary tract infections in Iceland during 2012–2021

27-06-2024 - *Springer*

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2. Prevalence and clinical implications of bloodstream infections in intensive care patients with or without burn injury: a retrospective cohort study

26-06-2024 - *Springer*

[Read more...](#)

3. Microbiological risk factors, ICU survival, and 1-year survival in hematological patients with pneumonia requiring invasive mechanical ventilation

26-06-2024 - *Springer*

[Read more...](#)

4. The impact of Boric Acid tubes on quantitative urinary bacterial cultures in hospitalized patients

25-06-2024 - *Springer*

[Read more...](#)

5. “Catheter replacement in catheter-associated urinary tract infection: current state of evidence “

25-06-2024 - *Springer*

[Read more...](#)

6. Chloramphenicol treatment revisited – demographics, clinical characteristics, and outcomes of hospitalized patients

24-06-2024 - *Springer*

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7. Unusual presentation of cat scratch disease: case report

24-06-2024 - *Springer*

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Eurosurveillance

1. Nosocomial outbreak caused by disinfectant-resistant *Serratia marcescens* in an adult intensive care unit, Hungary, February to March 2022

27-06-2024 - *Eurosurveillance*

In 2022, an outbreak with severe bloodstream infections caused by *Serratia marcescens* occurred in an adult intensive care unit (ICU) in Hungary. Eight cases, five of whom died, were detected. Initial control

measures could not stop the outbreak. We conducted a matched case-control study. In univariable analysis, the cases were more likely to be located around one sink in the ICU and had more ... [Read more...](#)

2. A longitudinal study on SARS-CoV-2 seroconversion, reinfection and neutralisation spanning several variant waves and vaccination campaigns, Heinsberg, Germany, April 2020 to November 2022

27-06-2024 - *Eurosurveillance*

Background Since its emergence in December 2019, over 700 million people worldwide have been infected with SARS-CoV-2 up to May 2024. While early rollout of mRNA vaccines against COVID-19 has saved many lives, there was increasing immune escape of new virus variants. Longitudinal monitoring of population-wide SARS-CoV-2 antibody responses from regular sample collection irrespective of ... [Read more...](#)

3. Oropouche fever cases diagnosed in Italy in two epidemiologically non-related travellers from Cuba, late May to early June 2024

27-06-2024 - *Eurosurveillance*

Oropouche fever is caused by Oropouche virus (OROV), transmitted primarily through the bite of infected midges, particularly of the genus *Culicoides*. The virus is mainly circulating in Central and South America where several countries reported an ongoing outbreak. We report here two imported cases of OROV infection identified in Italy, late May-early June 2024. [Read more...](#)

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Infection

1. Epidemiology and risk factors of community-acquired pneumonia in patients with different causes of immunosuppression

27-06-2024 - *Springer*

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2. Trimethoprim-sulfamethoxazole dosing and outcomes of pulmonary nocardiosis

26-06-2024 - *Springer*

[Read more...](#)

3. Splenic abscess and infective endocarditis

25-06-2024 - *Springer*

[Read more...](#)

4. Implementation and outcomes of beta-lactam allergy management protocol at a comprehensive cancer center

21-06-2024 - *Springer*

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International Journal of Infectious Diseases

1. Risk factors for respiratory syncytial virus-associated acute lower respiratory infection in children under five years: An updated systematic review and meta-analysis

29-06-2024 - *ScienceDirect*

Publication date: Available online 28 June 2024
Source: International Journal of Infectious Diseases
Author(s): Shuyu Deng, Bingbing Cong, Madeleine Edgoose, Femke De Wit, Harish Nair, You Li
[Read more...](#)

2. Prospective antimicrobial stewardship interventions by multidisciplinary teams to reduce neonatal antibiotic use in South Africa: the Neonatal Antimicrobial Stewardship (NeoAMS) study

29-06-2024 - *ScienceDirect*

Publication date: Available online 28 June 2024Source: International Journal of Infectious DiseasesAuthor(s): Angela Dramowski, Pavel Prusakov, Debra A. Goff, Adrian Brink, Nelesh P. Govender, Ama Sakoa Annor, Liezl Balfour, Adrie Bekker, Azraa Cassim, Michelle Gijzelaar, Sandi L. Holgate, Sonya Kolman, Angeliki Messina, Hafsa Tootla, Natalie Schellack, Andriette van Jaarsveld, ... [Read more...](#)

3. H9N2 Influenza A Viruses Found to be Enzootic in Punjab Pakistan's Bird Markets with Evidence of Human H9N2 Nasal Colonization

29-06-2024 - *ScienceDirect*

Publication date: Available online 28 June 2024Source: International Journal of Infectious DiseasesAuthor(s): Shahzad Ali, Emily R. Robie, Usama Saeed, Ghulam Jaffar, Emily S. Bailey, Lyudmyla V. Marushchak, Brianna E. Kreditor, Laura A. Pulscher, Adam M. Rubrum, Richard J. Webby, Gregory C. Gray [Read more...](#)

4. Mimicker of Gram-positive Staphylococci

29-06-2024 - *ScienceDirect*

Publication date: Available online 28 June 2024Source: International Journal of Infectious DiseasesAuthor(s): Shinnosuke Fukushima, Takumi Fujimori, Hideharu Hagiya [Read more...](#)

5. Imprinting of IgA responses in previously infected individuals receiving bivalent mRNA vaccines (WT and BA.4/BA.5 or WT and BA.1)

29-06-2024 - *ScienceDirect*

Publication date: Available online 28 June 2024Source: International Journal of Infectious DiseasesAuthor(s): Yun Shan Goh, Siew-Wai Fong, Pei Xiang Hor, Chiew Yee Loh, Matthew Zirui Tay, Bei Wang, Siti Nazihah Mohd Salleh, Eve Zi Xian Ngoh, Raphael Tze Chuen Lee, Xuan Ying Poh, I. Russel Lee, Suma Rao, Po Ying Chia, PRIBIVAC Cohort Study Group, Sebastian Maurer-Stroh, Cheng-I Wang, ... [Read more...](#)

6. Antiviral susceptibility of SARS-CoV-2 and influenza viruses from 3 co-infected pediatric patients

28-06-2024 - *ScienceDirect*

Publication date: Available online 27 June 2024Source: International Journal of Infectious DiseasesAuthor(s): Emi Takashita, Masataka Ichikawa, Seiichiro Fujisaki, Hiroko Morita, Shiho Nagata, Hideka Miura, Shinji Watanabe, Hideki Hasegawa, Yoshihiro Kawaoka [Read more...](#)

7. Vaccinations, cardiovascular drugs, hospitalisation and mortality in COVID-19 and Long COVID.

27-06-2024 - *ScienceDirect*

Publication date: Available online 26 June 2024Source: International Journal of Infectious DiseasesAuthor(s): Ashkan Dashtban, Mehrdad Mizani, Laura Pasea, Chris Tomlinson, Yi Mu, Nazrul Islam, Sarah Rafferty, Prof Charlotte Warren-Gash, Prof Spiros Denaxas, Kim Horstmanshof, Prof Evangelos Kontopantelis, Prof Steffen Petersen, Prof Cathie Sudlow, Prof Kamlesh Khunti, Prof Amitava Banerjee, ... [Read more...](#)

8. Potential determinants of the decline in mpox cases in Belgium: a behavioral, epidemiological and seroprevalence study

27-06-2024 - *ScienceDirect*

Publication date: Available online 26 June 2024Source: International Journal of Infectious DiseasesAuthor(s): Elise De Vos, Liesbeth Van Gestel, Isabel Brosius, Chris Kenyon, Bea Vuylsteke, Irith

De Baetselier, Joachim Mariën, Eugene Bangwen, Simon Couvreur, Amaryl Lecompte, Dominique Van Beckhoven, Bart Hoorelbeke, Babs E. Verstrepen, Luca M. Zaack, Rory D. de Vries, Corine H. [Read more...](#)

9. Infection route associated with invasive group A streptococcal toxic shock syndrome in maternal deaths: Nationwide analysis of maternal mortalities in Japan

26-06-2024 - *ScienceDirect*

Publication date: Available online 25 June 2024 Source: International Journal of Infectious Diseases Author(s): Junichi Hasegawa, Akihiko Sekizawa, Hiroaki Tanaka, Shinji Katsuragi, Kayo Tanaka, Masahiko Nakata, Eijiro Hayata, Takeshi Murakoshi, Isamu Ishiwata, Tomoaki Ikeda [Read more...](#)

10. Monitoring of Leishmania transmission in the post-elimination phase: the potential of serological surveys

26-06-2024 - *ScienceDirect*

Publication date: Available online 25 June 2024 Source: International Journal of Infectious Diseases Author(s): Kristien Cloots, Om Prakash Singh, Abhishek Kumar Singh, Tulika Kumari Rai, Vishwa Deepak Tiwari, Aziza Neyaz, Sundaram Pandey, Vivek Kumar Scholar, Paritosh Malaviya, Epcó Hasker, Shyam Sundar [Read more...](#)

11. Erythema nodosum as an unusual skin manifestation of long COVID: A case report

26-06-2024 - *ScienceDirect*

Publication date: Available online 25 June 2024 Source: International Journal of Infectious Diseases Author(s): Yu Jung Choi, Han-Na Kim, Jiyeon Lee, Eliel Nham, Hye Seong, Jin Gu Yoon, Ji Yun Noh, Joon Young Song, Hee Jin Cheong, Woo Joo Kim [Read more...](#)

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Journal of Clinical Microbiology

1. Genomic evolution of ST228 SCCmec-I MRSA 10 years after a major nosocomial outbreak

27-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

2. Comparative evaluation of the STANDARD M10 and Xpert C. difficile assays for detection of toxigenic Clostridioides difficile in stool specimens

27-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

3. Low utilization of epidemiological cutoff values to interpret in vitro antifungal susceptibility testing among clinical laboratory participants in two College of American Pathologists (CAP) proficiency testing programs

26-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Ahead of Print. [Read more...](#)

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Journal of Hospital Infection

1. Use of a peracetic acid (PAA) disinfectant to reduce total viable bacteria count in hospital wastewater drains

29-06-2024 - *Journal of Hospital Infection*

The periphery of the hospital water system interfaces at multiple points with patients and staff in clinical areas. This comprises mostly of sinks and showers and presents a significant infection control risk. Wastewater drains in particular act as a reservoir of pathogens that can be transmitted to patients. Numerous strategies have been investigated as potential methods to reduce biofilm ... [Read more...](#)

2. Contrasting seasonality of the incidence of incisional surgical site infection after general and gastroenterological surgery: An analysis of 8,436 patients in a single institute

29-06-2024 - *Journal of Hospital Infection*

While seasonality of hospital-acquired infections, including incisional SSI after orthopaedic surgery, is recognized, the seasonality of incisional SSI after general and gastroenterological surgeries remains unclear. [Read more...](#)

3. Risk factors and clinical impact of multidrug resistance in healthcare-associated bacteremic urinary tract infections: a post-hoc analysis of a multicenter prospective cohort in Spain

28-06-2024 - *Journal of Hospital Infection*

The global burden associated with antimicrobial resistance is of increasing concern. The aim of this study was to evaluate risk factors associated with multidrug-resistant (MDR) infection and its clinical impact in a cohort of patients with healthcare-associated (HCA) bacteremic urinary tract infections (BUTI). [Read more...](#)

4. Impact of intermittent versus continuous infusions on central line-associated bloodstream infection risk in haemato-oncology patients: a quasi-experimental study

28-06-2024 - *Journal of Hospital Infection*

Continuous fluid infusions delivered between therapies by piggy-back systems avoid disconnection and reconnection of central venous catheters (CVC), thereby reducing opportunities for line contamination. However, the impact of continuous versus intermittent infusions on central line-associated bloodstream infections (CLABSI) is unknown. [Read more...](#)

5. Protracted transmission and persistence of ST80 vancomycin-resistant *Enterococcus faecium* clonal complex types CT2933, CT2932 and CT1916 in a large Irish hospital: a 39-month WGS study

27-06-2024 - *Journal of Hospital Infection*

Vancomycin-resistant *Enterococcus faecium* (VREfm) are significant nosocomial pathogens. Sequence type (ST)80 vanA-encoding VREfm predominate in Irish hospitals, but their transmission is poorly understood. [Read more...](#)

6. Editorial Board

27-06-2024 - *Journal of Hospital Infection*

[Read more...](#)

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Journal of Infection

1. A multidisciplinary approach to mucormycosis

30-06-2024 - *Elsevier*

Mucormycosis is a life-threatening fungal infection that typically affects highly immunocompromised hosts. In contrast to invasive candidiasis and aspergillosis, the therapeutic arsenal available to treat mucormycosis is limited. In the absence of high-quality comparative studies, the current standard of care involves antifungal therapy with intravenous (IV) liposomal amphotericin B (LAmB), ... [Read more...](#)

2. Age-specific SARS-CoV-2 transmission differed from human rhinovirus in households during the early COVID-19 pandemic

29-06-2024 - Elsevier

Children are generally considered main drivers of transmission for respiratory viruses, but the emergence of SARS-CoV-2 challenged this paradigm. Human rhinovirus (RV) continued to co-circulate throughout the pandemic, allowing for direct comparison of age-specific infectivity and susceptibility within households between these viruses during a time of low SARS-CoV-2 population immunity. [Read more...](#)

3. Long-term outcomes of patients with toxic shock syndrome: a matched cohort study

27-06-2024 - Elsevier

We examined long-term outcomes of toxic shock syndrome. [Read more...](#)

4. Vaginal anaerobes are associated with cervicitis: a case-control study

27-06-2024 - Elsevier

Cervicitis is associated with important reproductive sequelae. Primary causes include chlamydia and gonorrhoea, but a known sexually transmitted infection (STI) is not identified in >50% of cases (i.e. STI-negative cervicitis). Bacterial vaginosis (BV) and specific BV-associated bacteria have also been associated with cervicitis, but data are limited. We investigated the association between ... [Read more...](#)

5. Impact of COVID-19 restrictions on the incidence of respiratory viruses in two British Antarctic Survey bases

27-06-2024 - Elsevier

Dear Sir, [Read more...](#)

6. Efficacy and safety of respiratory syncytial virus prefusion F protein vaccines in adults

26-06-2024 - Elsevier

Dear Editor, [Read more...](#)

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Journal of Medical Microbiology

1. Detection of avian reovirus (ARV) by ELISA based on recombinant σ B, σ C and σ NS full-length proteins and protein fragments

27-06-2024 - Microbiology Society

Introduction. Avian reovirus (ARV) is associated with arthritis/tenosynovitis and malabsorption syndrome in chickens. The σ C and σ B proteins, both exposed to the virus capsid, are highly immunogenic and could form the basis for diagnostic devices designed to assess the immunological status of the flock. Gap Statement. Commercial ARV ELISAs cannot distinguish between vaccinated and infected ... [Read more...](#)

2. Improving the diagnosis of urinary tract infections by the use of enriched media and a 48-hour incubation period

27-06-2024 - Microbiology Society

Introduction. The absence of a gold-standard methodology for the microbiological diagnosis of urinary tract infections (UTI) has led to insufficient standardization of criteria for the interpretation of results and processing methods, particularly incubation time and culture media. Hypothesis. 48-hour incubation time period and use of blood agar enhances the sensitivity of microorganisms ... [Read more...](#)

3. Ciprofloxacin prophylaxis during haematopoietic cell transplantation: a role for use in patients with germ cell tumours?

26-06-2024 - Microbiology Society

Introduction. Fluoroquinolone prophylaxis during haematopoietic cell transplantation (HCT) can lead to antimicrobial resistance (AMR). Identifying the groups of patients that have the highest likelihood of benefiting from prophylactic antimicrobials is important for antimicrobial stewardship (AMS). Hypothesis. We aimed to identify groups of HCT recipients that have the highest likelihood of ... [Read more...](#)

4. Antimicrobial resistance patterns among critical priority pathogens in an intensive care unit at a tertiary hospital in Egypt: a descriptive analysis comparing pre- and COVID-19 eras

25-06-2024 - *Microbiology Society*

Background. The intensified global challenge of antimicrobial resistance, set against the backdrop of the COVID-19 pandemic, is a cause for major concern. Within healthcare settings, intensive care units are recognized as focal points for Gram-negative infections. The study pursued to assess the prevalence and antimicrobial resistance patterns of critical priority pathogens (*Acinetobacter* ... [Read more...](#)

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The Lancet

1. [Correspondence] Therapeutic vaccines for Epstein–Barr virus: a way forward

28-06-2024 - *Elsevier*

2024 marks the 60th anniversary of the discovery of Epstein–Barr virus, the first human oncogenic virus to be discovered. In 1964, *The Lancet* was the first journal to report the identification of virus particles in cultured lymphoblasts derived from children with Burkitt's lymphoma.¹ The discovery of Epstein–Barr virus was a milestone in the understanding of human malignancies. [Read more...](#)

2. [Correspondence] India's forgotten children

28-06-2024 - *Elsevier*

Richard Horton's *Offline* titled "The world's forgotten children"¹ reminded me of the Editorial of the same title published on Jan 4, 2003,² and of my responding Correspondence published on April 5, 2003.³ Since then, little has changed in the context of children's health globally. Remarkable reductions in viral infectious diseases (eg, measles, mumps, chickenpox, poliomyelitis, ... [Read more...](#)

3. [Comment] *Offline*: In defence of Dr Fauci

28-06-2024 - *Elsevier*

"Is this what we have become? Is this what we have devolved into?" US Congressman Kweisi Mfume was reacting to comments from Representative Marjorie Taylor Greene at a hearing of the Select Subcommittee on the Coronavirus Pandemic, held on June 3, 2024, in Washington, DC. The Subcommittee was taking evidence from Dr Anthony Fauci, former Director of the National Institute of Allergy and ... [Read more...](#)

4. [World Report] Underuse of tranexamic acid in the UK

28-06-2024 - *Elsevier*

The report of the Infected Blood Inquiry highlighted how alternatives to blood transfusion could have helped patients. Talha Burki reports. [Read more...](#)

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The Lancet: Microbe

1. [Editorial] Still time to contain artemisinin resistance in Africa

25-06-2024 - *Elsevier*

In 2014, *The Lancet* published an Editorial on antimalarial resistance asking "does resistance to artemisinin in the Greater Mekong Subregion threaten a global health catastrophe?" In the decade since *The Lancet* asked this question there have been several milestones in malaria control: 12 countries gained malaria-free status, two malaria vaccines were approved, ... [Read more...](#)

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The Lancet: Public Health

1. [Comment] Increasing risks of dementia and brain health concerns

26-06-2024 - Elsevier

Brain health is crucial for everyone, necessitating practical, proactive, and lifelong strategies to protect and enhance it across the population. Such strategies are especially important given the trends of increased life expectancy, ageing populations, declining birth rates, and deteriorating lifestyle choices. People are at a risk of getting chronic vascular events, ... [Read more...](#)

2. [Corrections] Correction to Lancet Public Health 2023 8: e1016–24

26-06-2024 - Elsevier

Zhang H, Lai X, Patenaude BN, Jit M, Fang H. Adding new childhood vaccines to China's National Immunization Program: evidence, benefits, and priorities. *Lancet Public Health* 2023 8: e1016–24—In this Health Policy, the multicriteria decision analysis (MCDA) scores in table 4 have been corrected. The corresponding section within the manuscript (sentences 5 and 6 of the section entitled ... [Read more...](#)

3. [Editorial] Our environment, our health

26-06-2024 - Elsevier

As we marked World Environment Day on June 5, it is an opportunity to reflect on the links between public health and the environment, including climate change, air pollution, plastic pollution, water, and food safety, the challenges but also the opportunities ahead. In this issue of *The Lancet Public Health*, the 2024 Europe report of the Lancet Countdown on health and climate change assessed ... [Read more...](#)

4. [Correspondence] Smoking prevalence following tobacco tax increases in Australia

26-06-2024 - Elsevier

In their 2019 Article, Anna Wilkinson and colleagues aimed to assess the effect of a series of tobacco tax increases on the prevalence of smoking in Australia using interrupted time-series analyses for the period 2010–17.1 The authors concluded that the tax increases were effective in reducing smoking prevalence in the general population based on the direction of significant immediate step ... [Read more...](#)

5. [Articles] Changes in opioid prescribing during the COVID-19 pandemic in England: an interrupted time-series analysis in the OpenSAFELY-TTP cohort

26-06-2024 - Elsevier

Opioid prescribing increased temporarily among older people and care home residents, likely reflecting use to treat end-of-life COVID-19 symptoms. Despite vulnerable populations being more affected by health-care disruptions, disparities in opioid prescribing by most demographic subgroups did not widen during the pandemic. Further research is needed to understand what is driving the changes ... [Read more...](#)

6. [Corrections] Correction to Lancet Public Health 2024 9: e495–522

26-06-2024 - Elsevier

van Daalen KR, Tonne C, Semenza JC, et al. The 2024 Europe report of the Lancet Countdown on health and climate change: unprecedented warming demands unprecedented action. *Lancet Public Health* 2024 9: e495–522—The author's name should read Josep M Antó, and an affiliation for Nacho Sanchez-Valdivia was removed. In the introduction, the number of academic and UN institutions should read 42. [Read more...](#)

7. [Articles] Estimated effects of opioid agonist treatment in prison on all-cause mortality and overdose mortality in people released from prison in Norway: a prospective analysis of data from the Norwegian Prison Release Study (nPRIS)

26-06-2024 - Elsevier

In people diagnosed with opioid use disorder released from Norwegian prisons, opioid agonist treatment provided while in prison was a protective factor for both all-cause and overdose mortality at 6 months. Provision of opioid agonist treatment while in prison is crucial in reducing mortality for 6 months after release and should be available to all people in prison who have treatment needs. [Read more...](#)

8. [Correspondence] Smoking prevalence following tobacco tax increases in Australia – Authors' reply

26-06-2024 - Elsevier

Edward Jegasothy and Francis Markham highlight an important consideration for researchers aiming to understand the effects of tobacco control policy changes on smoking prevalence in Australia. We acknowledge that the choice of pre-intervention period needs to be made carefully and should be based on a deep understanding of the tobacco control landscape in Australia over this time period. [Read more...](#)

9. [Articles] Alcohol rehabilitation and cancer risk: a nationwide hospital cohort study in France

26-06-2024 - Elsevier

Our study results support the clear benefits of alcohol rehabilitation and abstinence in reducing the risk for alcohol-associated cancers. As only two in five patients with alcohol dependence were recorded with a history of rehabilitation treatment or abstinence, a large untapped potential exists for reducing cancer incidence. [Read more...](#)

10. [Corrections] Correction to Lancet Public Health 2024 9: e407–10

26-06-2024 - Elsevier

Herre B, Rodés-Guirao L, Mathieu E, et al. Best practices for government agencies to publish data: lessons from COVID-19. Lancet Public Health 2024 9: e407–10—In this Viewpoint, the second sentence of the fourth paragraph of the Data relevance section should have read “Chile's Ministry of Health, for instance, collected a large number of useful metrics, including deaths from COVID-19 by ... [Read more...](#)

11. [Comment] Alcohol in France: room for improvement

26-06-2024 - Elsevier

Based on an analysis of the French National Hospital Discharge database, Michaël Schwarzinger and colleagues¹ show in their study in The Lancet Public Health that, in a population of more than 865 000 individuals with alcohol dependence, alcohol rehabilitation treatment or a history of abstinence was associated with lower risks of alcohol-associated cancers than no rehabilitation treatment ... [Read more...](#)

12. [Comment] National approaches to reduce mortality after prison release

26-06-2024 - Elsevier

In this issue of The Lancet Public Health, Anne Bukten and colleagues¹ investigated all-cause mortality and overdose mortality among people released from prison in Norway during 2000–22. As part of the Norwegian Prison Release Study (nPRIS), prison-registry data from this cohort were linked with three other registries that contained sociodemographic or health information, ... [Read more...](#)

13. [Articles] Changes in prevalence and incidence of dementia and risk factors for dementia: an analysis from cohort studies

26-06-2024 - Elsevier

Our findings suggest that lifestyle interventions such as compulsory education and reducing rates of smoking through country-level policy changes could be associated with an observed reduction, and therefore future reduction, in the incidence of dementia. More studies are needed in low-income and middle-income countries, where the burden of dementia is highest, and continues to increase. [Read more...](#)

14. [Articles] Effect of alcohol health warning labels on knowledge related to the ill effects of alcohol on cancer risk and their public perceptions in 14 European countries: an online survey experiment

26-06-2024 - Elsevier

Health warnings are an effective policy option to increase knowledge of alcohol causing cancer, with a generalisable effect across several countries. Europeans consider alcohol health-warning labels to be

comprehensible and acceptable, with cancer-specific health warnings having the highest perceived impact and relevance. [Read more...](#)

15. [Countdown] The 2024 Europe report of the Lancet Countdown on health and climate change: unprecedented warming demands unprecedented action

26-06-2024 - Elsevier

Record-breaking temperatures were recorded across the globe in 2023. Without climate action, adverse climate-related health impacts are expected to worsen worldwide, affecting billions of people. Temperatures in Europe are warming at twice the rate of the global average, threatening the health of populations across the continent and leading to unnecessary loss of life. [Read more...](#)

16. [Review] The effects of alcohol container labels on consumption behaviour, knowledge, and support for labelling: a systematic review

26-06-2024 - Elsevier

Alcohol container labels might reduce population-level alcohol-related harms, but investigations of their effectiveness have varied in approach and quality. A systematic synthesis is needed to adjust for these differences and to yield evidence to inform policy. Our objectives were to establish the effects of alcohol container labels bearing one or more health warnings, ... [Read more...](#)

17. [Health Policy] The future of public health doctoral education in Africa: transforming higher education institutions to enhance research and practice

26-06-2024 - Elsevier

The African Union and the Africa Centers for Disease Control and Prevention issued a Call to Action in 2022 for Africa's New Public Health Order that underscored the need for increased capacity in the public health workforce. Additional domestic and global investments in public health workforce development are central to achieving the aspirations of Agenda 2063 of the African Union, ... [Read more...](#)

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The Lancet: Respiratory Medicine

1. [Articles] Transbronchial cryobiopsy followed by as-needed surgical lung biopsy versus immediate surgical lung biopsy for diagnosing interstitial lung disease (the COLD study): a randomised controlled trial

26-06-2024 - Elsevier

In ILD diagnosis, if lung tissue assessment is required, a diagnostic strategy starting with transbronchial cryobiopsy, followed by SLB when transbronchial cryobiopsy is inconclusive, appears to result in a significant reduction of patient burden and in-hospital stay with a similar diagnostic yield versus immediate SLB. [Read more...](#)

2. [Spotlight] Living with spinal muscular atrophy while working in critical care

26-06-2024 - Elsevier

Jeremy Orr & Atul Malhotra interview Linsey Wehner [Read more...](#)

3. [Corrections] Correction to Lancet Respir Med 2024 12: 207–16

26-06-2024 - Elsevier

Gioia F, Walti LN, Orchanian-Cheff A, Husain S. Risk factors for COVID-19-associated pulmonary aspergillosis: a systematic review and meta-analysis. Lancet Respir Med 2024 12: 207–16—In this Article, a study by Hashim and colleagues was omitted from the systematic review and meta-analysis. This error was highlighted in a letter from Dr Naresh Kumar Tripathy (Sanjay Gandhi Postgraduate ... [Read more...](#)

4. [Articles] Seralutinib in adults with pulmonary arterial hypertension (TORREY): a randomised, double-blind, placebo-controlled phase 2 trial

26-06-2024 - Elsevier

Treatment with inhaled soralutinib significantly decreased PVR, meeting the primary endpoint of the study among patients receiving background therapy for PAH. [Read more...](#)

5. [Corrections] Correction to Lancet Respir Med 2024 12: 183–85

26-06-2024 - Elsevier

Hoenigl M, Prattes J. Risk of COVID-19-associated pulmonary aspergillosis: time for a nuanced approach to antifungal prophylaxis? Lancet Respir Med 2024 12: 183–85—In this Comment, revisions have been made to reflect corrections in the linked Article by Francesca Gioia and colleagues (reference 5). The cited numbers of studies and patients have been updated the cited odds ratios (95% CIs) ... [Read more...](#)

6. [Comment] Continuous positive airway pressure is here to stay

26-06-2024 - Elsevier

In the past five years, progress in obesity pharmacology has led to speculation that future obstructive sleep apnoea (OSA) treatment might not require the use of continuous positive airway pressure (CPAP). Treating obesity in patients with OSA is desirable, since addressing the underlying cause of the disease is generally recommended. Although weight loss can be efficacious for OSA, ... [Read more...](#)

7. [Comment] Vitamin A and bronchopulmonary dysplasia: the next steps

26-06-2024 - Elsevier

Preterm infants are often vitamin A deficient, and vitamin A has functions that could mitigate the processes that lead to bronchopulmonary dysplasia. Therefore, supplementation of preterm infants with vitamin A to reduce the risk of bronchopulmonary dysplasia makes inherent sense. Testing the hypothesis, a landmark randomised controlled trial by Tyson and colleagues in 1999 that enrolled 807 ... [Read more...](#)

8. [Comment] Re-evaluating the role of CPAP in OSA management amid obesity pharmacology advancements

26-06-2024 - Elsevier

In the field of sleep medicine, the management of obstructive sleep apnoea (OSA) has traditionally been dominated by continuous positive airway pressure (CPAP) therapy. By maintaining airway openness during sleep, CPAP has proven to be a lifeline for countless patients, significantly alleviating the hallmark symptoms of OSA, such as excessive daytime sleepiness and compromised sleep quality. [Read more...](#)

9. [Corrections] Correction to Lancet Respir Med 2024 12: 544–55

26-06-2024 - Elsevier

Meyer S, Bay J, Franz AR, et al. Early postnatal high-dose fat-soluble enteral vitamin A supplementation for moderate or severe bronchopulmonary dysplasia or death in extremely low birthweight infants (NeoVitaA): a multicentre, randomised, parallel-group, double-blind, placebo-controlled, investigator-initiated phase 3 trial. Lancet Respir Med 2024 12: 544–55—In this Article, ... [Read more...](#)

10. [Spotlight] Protecting respiratory health of athletes: an Olympic challenge

26-06-2024 - Elsevier

The summer of 2024 will be remembered in part for the XXXIII Olympic and Paralympic Games in Paris, France. The Games provide a platform to highlight the value of sporting participation and remind us of the widespread health benefits of regular exercise, including for cardiovascular, metabolic, mental, and respiratory health. [Read more...](#)

11. [Comment] Optimising the approach to ILD diagnosis: the balance of procedural complications against diagnostic accuracy

26-06-2024 - Elsevier

Interstitial lung diseases (ILDs), when untreated or under-treated, result in progressive inflammation or scarring of the lung parenchyma, or both. Treatment selection relies on the identification of a specific

diagnosis within this heterogeneous group of more than ten unique disorders. Although a confident diagnosis can be attained in some patients using a non-invasive evaluation—including ... [Read more...](#)

12. [Comment] Paediatric anaesthesia: it is not only what you do, but how you do it

26-06-2024 - Elsevier

For novices in paediatric anaesthesia, only three things really matter: first airway, second airway, and finally, you guessed it, airway. This statement bluntly underlines the crucial importance of the ability to oxygenate and support ventilation during paediatric anaesthesia and is the first step towards a successful outcome during surgery and beyond. The age-dependent increased morbidity ... [Read more...](#)

13. [Editorial] Respiratory syncytial virus vaccines: the future is bright

26-06-2024 - Elsevier

Respiratory syncytial virus (RSV) is a common RNA virus that, in most people, causes mild respiratory illness. In vulnerable populations, such as infants and older people, it can cause serious illness such as bronchiolitis, pneumonia, and death. WHO estimates the global burden of RSV-associated lower respiratory tract infections (LRTI) to be 33 million a year. [Read more...](#)

14. [Articles] Early postnatal high-dose fat-soluble enteral vitamin A supplementation for moderate or severe bronchopulmonary dysplasia or death in extremely low birthweight infants (NeoVitaA): a multicentre, randomised, parallel-group, double-blind, placebo-controlled, investigator-initiated phase 3 trial

26-06-2024 - Elsevier

Early postnatal high-dose fat-soluble enteral vitamin A supplementation in ELBW infants was safe, but did not change the rate of moderate or severe bronchopulmonary dysplasia or death and did not substantially increase serum retinol concentrations. [Read more...](#)

15. [Articles] High-flow nasal oxygen for children's airway surgery to reduce hypoxaemic events: a randomised controlled trial

26-06-2024 - Elsevier

Nasal high-flow oxygen during tubeless upper airway surgery did not reduce the proportion of interruptions of the procedures for rescue oxygenation compared with standard care. There were no differences in adverse events between the intervention groups. These results suggest that both approaches, nasal high-flow or standard oxygen, are suitable alternatives to maintain oxygenation in children ... [Read more...](#)

16. [Personal View] Chronic respiratory disease in Indigenous peoples: a framework to address inequity and strengthen respiratory health and health care globally

26-06-2024 - Elsevier

Indigenous peoples around the world bear a disproportionate burden of chronic respiratory diseases, which are associated with increased risks of morbidity and mortality. Despite the imperative to address global inequity, research focused on strengthening respiratory health in Indigenous peoples is lacking, particularly in low-income and middle-income countries. [Read more...](#)

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Microbiology and Molecular Biology Reviews

1. Molecular determinants of cross-species transmission in emerging viral infections

24-06-2024 - American Society for Microbiology

Microbiology and Molecular Biology Reviews, Ahead of Print. [Read more...](#)

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Morbidity and Mortality Weekly Report

1. Notes from the Field: Multidisciplinary Approach to Investigating *Brucella canis* Exposures — South Carolina, September 2023

27-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes an investigation in South Carolina that found 17 people and five animals were exposed to *Brucella canis* while caring for a pregnant stray dog that was found to be infected. [Read more...](#)

2. Treatment for Opioid Use Disorder: Population Estimates — United States, 2022

27-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes treatment for opioid use disorder (OUD) during 2022. [Read more...](#)

3. Persistent Transmission of Circulating Vaccine-Derived Poliovirus — Somalia, January 2017–March 2024

27-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes transmission of circulating vaccine-derived polioviruses (cVDPVs) since the 2016 global withdrawal of type 2 oral poliovirus vaccine in Somalia. [Read more...](#)

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Nature Reviews Microbiology

1. Bacterial barcoding facilitates plant microbiome studies

27-06-2024 - Nature

Nature Reviews Microbiology, Published online: 26 June 2024 doi:10.1038/s41579-024-01069-3 This month's Genome Watch highlights the use of genetic barcoding towards a better understanding of plant–microorganism interactions and colonization dynamics. [Read more...](#)

2. The pathobiology of human fungal infections

26-06-2024 - Nature

Nature Reviews Microbiology, Published online: 25 June 2024 doi:10.1038/s41579-024-01062-w In this Review, Brown et al. provide an overview of fungal pathobiology from the pathogen, host and clinical perspectives, focusing specifically on pathogens that can cause invasive life-threatening infections. [Read more...](#)

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NEJM Journal Watch: Infectious Diseases

1. *Pneumocystis jirovecii* Pneumonia in Critically Ill Patients

26-06-2024 - Massachusetts Medical Society

In this prospective French study, mortality approached 32% (higher in HIV-negative patients) late initiation of treatment and use of adjunctive corticosteroids were associated with worse outcomes. [Read more...](#)

2. Peer-Comparison Reports on Antibiotic Prescribing Sent to Primary Care Physicians

26-06-2024 - Massachusetts Medical Society

Mailed reports led to some reductions in overprescribing, but physician engagement with the reports was low. [Read more...](#)

3. The Additive Effect of ART and PrEP in Reducing HIV Incidence in British Columbia, Canada

26-06-2024 - Massachusetts Medical Society

In the absence of PrEP expansion to target populations at high risk for HIV, achieving high rates of viral suppression is not sufficient to halt HIV transmission. [Read more...](#)

4. Infusion of β -Lactam Antibiotics for Critically Ill Patients — Prolonged or Intermittent?

26-06-2024 - Massachusetts Medical Society

Continuous compared with standard intermittent infusion did not improve 90-day mortality, but benefits from prolonged infusion remain possible. [Read more...](#)

5. Observations from ID and Beyond: Early Heatwave ID Link-o-Rama

25-06-2024 - Massachusetts Medical Society

Dr. Paul Sax shares a new ID Link-o-Rama and asks his readers a little bit about themselves in HIV and ID Observations. [Read more...](#)

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UKHSA affiliation

UKHSA Affiliation

1. Matrix Remodeling Enzymes as Potential Fluid Biomarkers of Neurodegeneration in Alzheimer's Disease

29-06-2024 - Ovid

Author Names: Basic J.,Milosevic V.,Djordjevic B.,Stojiljkovic V.,Zivanovic M.,Stefanovic N.,Aracki Trenkic A.,Stojanov D.,Jevtovic Stoimenov T.,Stojanovic I. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences,International Journal of Molecular Sciences Article Title: Matrix Remodeling Enzymes as Potential Fluid Biomarkers of Neurodegeneration in ... [Read more...](#)

2. Linking epidemiological and genomic data in cases of enteric fever in England to inform clinical management and public health action

29-06-2024 - Ovid

Author Names: Buczkowska M.,Chattaway M.A.,Jenkins C.,Hungerford D.,Katwa P.,Kirkbride H.,Hawker J. Database Source: Embase Weekly Updates Journal Title: The Journal of antimicrobial chemotherapy Article Title: Linking epidemiological and genomic data in cases of enteric fever in England to inform clinical management and public health action Year: 2024 Issue: Volume: Abstract: OBJECTIVES: To ... [Read more...](#)

3. DN4 questionnaire as a useful tool for evaluating the pharmacotherapeutic response to opioid pharmacotherapy in malignant neuropathy

29-06-2024 - Ovid

Author Names: Krtinic D.,Rankovic G.N.,Petkovic I.,Cvetanovic A.,Conic I.,Todorovic Mitic M.,Radic M.,Cevrljakovic M.,Tosic Golubovic S.,Binic I.,Andjelkovic Apostolovic M.,Jovanovic H.,Trajkovic H.,Milijasevic D.,Mladenovic N.,Lukic R. Database Source: Embase Weekly Updates Journal Title: Pharmazie,Pharmazie Article Title: DN4 questionnaire as a useful tool for evaluating the ... [Read more...](#)

4. Inequalities in sexual and reproductive outcomes among women aged 16-24 in England (2012-2019)

29-06-2024 - Ovid

Author Names: Solomon D.,Gibbs J.,Burns F.,Mohammed H.,Migchelsen S.J.,Sabin C.A. Database Source: Embase Weekly Updates Journal Title: Journal of Epidemiology and Community Health,Journal of Epidemiology and Community Health Article Title: Inequalities in sexual and reproductive outcomes among women aged 16-24 in England (2012-2019) Year: 2024 Issue: 7 Volume: 78 Abstract: Background Women ... [Read more...](#)

5. The effect of various degrees of hepatic impairment on the pharmacokinetic characteristics of once-weekly insulin icodec

29-06-2024 - Ovid

Author Names: Nicola B.,Hingst J.R.,Cieslarova B.,Donatsky A.M.,Joseph J.R.,Kupcova V.,Haahr H. Database Source: Embase Weekly Updates Journal Title: Diabetologie und Stoffwechsel Article Title: The effect of various degrees of hepatic impairment on the pharmacokinetic characteristics of once-weekly insulin icodec Year: 2024 Issue: Supplement 1 Volume: 19 Abstract: This study investigated the ... [Read more...](#)

6. Understanding current antenatal Hepatitis C testing and care in maternity services in England

29-06-2024 - Ovid

Author Names: Vusirikala A.,Threadgold G.,Roche R.,Hibbert M.,Simmons R.,Webb S.,Gillyon-Powell M.,Desai M.,Mandal S. Database Source: Embase Weekly Updates Journal Title: Journal of Perinatal Medicine,Journal of Perinatal Medicine Article Title: Understanding current antenatal Hepatitis C testing and care in maternity services in England Year: 2024 Issue: 5 Volume: 52 Abstract: Objectives: ... [Read more...](#)

7. Analysing HCV incidence trends in people who inject drugs using serial behavioural and seroprevalence data: A modelling study

29-06-2024 - Ovid

Author Names: Egan C.,Harris R.J.,Mitchell H.D.,Desai M.,Mandal S.,De Angelis D. Database Source: Embase Weekly Updates Journal Title: International Journal of Drug Policy,International Journal of Drug Policy Article Title: Analysing HCV incidence trends in people who inject drugs using serial behavioural and seroprevalence data: A modelling study Year: 2024 Issue: Volume: Abstract: ... [Read more...](#)

8. Malignant tumors of the urinary bladder and Balkan endemic nephropathy - a 45 year study

29-06-2024 - Ovid

Author Names: Apostolovic B.,Glogovac S.,Tasic D.,Sterkovic S.,Petrovic A.,Petrovic M.,Dimitrijevic Z.,Paunovic K.,Mladenovic S.,Prokopovic M.,Basic D.,Mitic B. Database Source: Embase Weekly Updates Journal Title: Nephrology Dialysis Transplantation Article Title: Malignant tumors of the urinary bladder and Balkan endemic nephropathy - a 45 year study Year: 2024 Issue: Supplement 1 Volume: ... [Read more...](#)

9. Nanoformulations in Pharmaceutical and Biomedical Applications: Green Perspectives

29-06-2024 - Ovid

Author Names: Petrovic S.,Bita B.,Barbinta-Patrascu M.-E. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences,International Journal of Molecular Sciences Article Title: Nanoformulations in Pharmaceutical and Biomedical Applications: Green Perspectives Year: 2024 Issue: 11 Volume: 25 Abstract: This study provides a brief discussion of the major ... [Read more...](#)

10. Candida auris: Outbreak, surveillance and epidemiological monitoring in Northern Greece

29-06-2024 - Ovid

Author Names: Pouloupoulou Alpha.,Sidiropoulou A.,Sarmourli T.,Zachrou E.,Michailidou C.,Zarras C.,Vagdatli E.,Massa E.,Mouloudi E.,Pyrpasopoulou A.,Meletis G.,Protonotariou E.,Skoura L.,Metallidis S.,Karampatakis T.,Katsifa E.,Nikopoulou A.,Louka A.,Rizou A.,Arvaniti K.,Kouvelis V.,Borman A.,Roilides E.,Vyzantiadis T.-A. Database Source: Embase Weekly Updates Journal Title: Medical mycology ... [Read more...](#)

11. Sleeper frameworks for Pathogen X: surveillance, risk stratification, and the effectiveness and safety of therapeutic interventions

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Author Names: de Lusignan S.,Shi T.,Fowler T.,Andrews N.,Todkill D.,Gu X.,Meza-Torres B.,Robertson C.,Sheikh A. Database Source: Embase Weekly Updates Journal Title: The Lancet Infectious Diseases,The

Lancet Infectious Diseases Article Title: Sleeper frameworks for Pathogen X: surveillance, risk stratification, and the effectiveness and safety of therapeutic interventions Year: 2024 Issue: 7 ... [Read more...](#)

12. Severity of COVID-19 sub-lineages XBB/XBB 1.5/XBB1.16, EG.5.1. and JN.1. in England

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Author Names: Quinot C., Kirsebom F., Andrews N., Stowe J., Ramsay M., Dabrera G., Kall M., Bernal J.L., Allen A. Database Source: Embase Weekly Updates Journal Title: The Lancet Regional Health - Europe Article Title: Severity of COVID-19 sub-lineages XBB/XBB 1.5/XBB1.16, EG.5.1. and JN.1. in England Year: 2024 Issue: Volume: 43 Abstract: [Read more...](#)

13. Time for CHANGE: system-level interventions for bringing forward the date of effective use of NAMs in regulatory toxicology

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Author Names: Mathisen G.H., Bearth A., Jones L.B., Hoffmann S., Vist G.E., Ames H.M., Husoy T., Svendsen C., Tsaion K., Ashikaga T., Bloch D., Cavoski A., Chiu W.A., Davies H.G., Giusti A., Hartung T., Hirabayashi Y., Hogberg H.T., Joglekar R., Kojima H., Krishnan K., Kwon S., Osborne O.J., Roggen E., Rooney A.A., Rousselle C., Sass J.B., Sepai O., Simanainen U., Thayer K.A., Tong W., Wikoff D., Wright F., Whaley P. [Read more...](#)

14. Mononuclear phagocyte sub-types in vitro display diverse transcriptional responses to dust mite exposure

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Author Names: Fransen L.F.H., Leonard M.O. Database Source: Embase Daily Updates Journal Title: Scientific reports Article Title: Mononuclear phagocyte sub-types in vitro display diverse transcriptional responses to dust mite exposure Year: 2024 Issue: 1 Volume: 14 Abstract: Mononuclear phagocytes (MNP), including macrophages and dendritic cells form an essential component of primary responses ... [Read more...](#)

15. Effects of HIIT Interventions on Cardiorespiratory Fitness and Glycemic Parameters in Adults with Type 1 Diabetes: A Systematic Review and Meta-Analysis

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Author Names: Lazic A., Stankovic D., Trajkovic N., Cadenas-Sanchez C. Database Source: Embase Daily Updates Journal Title: Sports medicine (Auckland, N.Z.) Article Title: Effects of HIIT Interventions on Cardiorespiratory Fitness and Glycemic Parameters in Adults with Type 1 Diabetes: A Systematic Review and Meta-Analysis Year: 2024 Issue: Volume: Abstract: BACKGROUND: Individuals with type 1 ... [Read more...](#)

16. Capturing carbon dioxide from air with charged-sorbents

29-06-2024 - Ovid

Author Names: Li H., Zick M.E., Trisukhon T., Signorile M., Liu X., Eastmond H., Sharma S., Spreng T.L., Taylor J., Gittins J.W., Farrow C., Lim S.A., Crocella V., Milner P.J., Forse A.C. Database Source: Embase Weekly Updates Journal Title: Nature, Nature Article Title: Capturing carbon dioxide from air with charged-sorbents Year: 2024 Issue: 8017 Volume: 630 Abstract: Emissions reduction and greenhouse ... [Read more...](#)

17. An evaluation of the national testing response during the COVID-19 pandemic in England: a multistage mixed-methods study protocol

29-06-2024 - Ovid

Author Names: Naidoo R., Lambert B., Voysey M., Shretta R., Keene C.M., Wanat M., Andersen-Waine B., Dahal P., Stepniwska K., Hounsell R., Molyneux S., Pinto-Duschinsky S., Rowe E., Yenidogan G., Fowler T., White L. Database Source: Embase Daily Updates Journal Title: BMJ Open, BMJ Open Article Title: An evaluation of the national testing response during the COVID-19 pandemic in England: a multistage ... [Read more...](#)

18. "People don't have the answers": A qualitative exploration of the experiences of young people with Long COVID

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Author Names: Newlands F., Lewis C., d'Oelsnitz A., Pinto Pereira S.M., Stephenson T., Chalder T., Coughtrey A., Dalrymple E., Heyman I., Harnden A., Ford T., Ladhani S.N., Powell C., McOwat K., Bhopal R., Dudley J., Kolasinska P., Muhid M.Z., Nugawela M., Rojas N.K., Shittu A., Simmons R., Shafran R. Database Source: Embase Weekly Updates Journal Title: Clinical child psychology and psychiatry Article Title: ... [Read more...](#)

19. On straightness measurements of large CNC machine tools

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Author Names: ElMelegy A., Zahwi S., Sobhy A. Database Source: Embase Weekly Updates Journal Title: Scientific reports Article Title: On straightness measurements of large CNC machine tools Year: 2024 Issue: 1 Volume: 14 Abstract: The CNC (computerized numerically controlled) machines are widespread in use due to their high capability of precise manufacturing in industrial production. [Read more...](#)

20. Binding energies of ethanol and ethylamine on interstellar water ices: synergy between theory and experiments

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Author Names: Perrero J., Vitorino J., Congiu E., Ugliengo P., Rimola A., Dulieu F. Database Source: Embase Daily Updates Journal Title: Physical chemistry chemical physics : PCCP Article Title: Binding energies of ethanol and ethylamine on interstellar water ices: synergy between theory and experiments Year: 2024 Issue: Volume: Abstract: Experimental and computational chemistry are two ... [Read more...](#)

21. Peri-operative management of neuromuscular blockade: a guideline from the European Society of Anaesthesiology and Intensive Care

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Author Names: Fuchs-Buder T., Romero C.S., Lewald H., Lamperti M., Afshari A., Hristovska A.-M., Schmartz D., Hinkelbein J., Longrois D., Popp M., de Boer H.D., Sorbello M., Jankovic R., Kranke P. Database Source: Embase Weekly Updates Journal Title: Chinese Journal of Anesthesiology Article Title: Peri-operative management of neuromuscular blockade: a guideline from the European Society of ... [Read more...](#)

22. Large-scale phenotyping of patients with long COVID post-hospitalization reveals mechanistic subtypes of disease

29-06-2024 - Ovid

Author Names: Liew F., Efstathiou C., Fontanella S., Swieboda D., Sidhu J.K., Ascough S., Mohamed N., Nunag J., Leavy O.C., Elneima O., McAuley H.J.C., Shikotra A., Sereno M., Harris V.C., Houchen-Wolloff L., Greening N.J., de Silva T.I., Ho A., Chiu C., Turtle L., Evans R.A., Wain L.V., Brightling C., Thwaites R.S., Abel K., Adamali H., Adeloye D., Adeyemi O., Adregio R., Jimenez L.A., Ahmad S., Haider N.A., Ahmed R., Ahwireng N. [Read more...](#)

23. Invasive Trichoderma longibrachiatum infection in a neutropaenic patient

29-06-2024 - Ovid

Author Names: Teoh P.J., McGuire E., Borman A.M., Gorton R., Wilson A.J., Merrion C., Gant V. Database Source: Embase Weekly Updates Journal Title: Medical Mycology Case Reports, Medical Mycology Case Reports Article Title: Invasive Trichoderma longibrachiatum infection in a neutropaenic patient Year: 2024 Issue: Volume: 45 Abstract: Invasive fungal infection is a life-threatening complication of ... [Read more...](#)

24. The effects of taurine ingestion on anaerobic and physiological performance in female rugby players

29-06-2024 - Ovid

Author Names: Bingol Diedhiou A.,Milanovic Z.,Can Eser M.,Sahin F.N.,Hamlin M.,Can Yildirim U.
Database Source: Embase Weekly Updates Journal Title: Research in sports medicine (Print) Article Title:
The effects of taurine ingestion on anaerobic and physiological performance in female rugby players Year:
2024 Issue: 4 Volume: 32 Abstract: The purpose of this study was to investigate the acute ... [Read more...](#)

25. Classification of patients with acute kidney damage on the base of blood pressure value as a risk factor using a neural network

29-06-2024 - Ovid

Author Names: Tasic D.,Stoisavljevic Z.,Galovic S.,Djordjevic K. Database Source: Embase Weekly Updates Journal Title: Nephrology Dialysis Transplantation Article Title: Classification of patients with acute kidney damage on the base of blood pressure value as a risk factor using a neural network Year: 2024 Issue: Supplement 1 Volume: 39 Abstract: Background and Aims: In acute kidney damage, ... [Read more...](#)

26. Pentraxin-3 as a marker of coronary artery disease in hemodialysis patients

29-06-2024 - Ovid

Author Names: Milicevic J.K.,Vidakovic R.,Markovic R.,Apostolovic M.A.,Coric V.,Stankovic J.T.,Ercegovac M.P.,Jemcov T.,Dragovic G. Database Source: Embase Weekly Updates Journal Title: Nephrology Dialysis Transplantation Article Title: Pentraxin-3 as a marker of coronary artery disease in hemodialysis patients Year: 2024 Issue: Supplement 1 Volume: 39 Abstract: Background and Aims: ... [Read more...](#)

27. Epidemiology and Management of Pediatric Group A Streptococcal Pneumonia With Parapneumonic Effusion: An Observational Study

29-06-2024 - Ovid

Author Names: Lees E.A.,Williams T.C.,Marlow R.,Fitzgerald F.,Jones C.,Lyll H.,Bamford A.,Pollock L.,Smith A.,Lamagni T.,Kent A.,Whittaker E. Database Source: Embase Weekly Updates Journal Title: The Pediatric infectious disease journal Article Title: Epidemiology and Management of Pediatric Group A Streptococcal Pneumonia With Parapneumonic Effusion: An Observational Study Year: 2024 Issue: ... [Read more...](#)

28. Associations between BMI and hospital resource use in patients hospitalised for COVID-19 in England: a community-based cohort study

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Author Names: Altunkaya J.,Piernas C.,Pouwels K.B.,Jebb S.A.,Clarke P.,Astbury N.M.,Leal J. Database Source: Embase Weekly Updates Journal Title: The Lancet Diabetes and Endocrinology,The Lancet Diabetes and Endocrinology Article Title: Associations between BMI and hospital resource use in patients hospitalised for COVID-19 in England: a community-based cohort study Year: 2024 Issue: 7 ... [Read more...](#)

29. Sex differences in the prognostic value of computed tomography pulmonary angiography parameters for intrahospital acute pulmonary embolism-related death

29-06-2024 - Ovid

Author Names: Sekulic J.B.,Sekulic I.,Dzudovic B.,Subotic B.,Salinger S.,Matijasevic J.,Kovacevic T.,Mitevska I.,Miloradovic V.,Neskovic A.,Obradovic S. Database Source: Embase Weekly Updates Journal Title: Vojnosanitetski Pregled,Vojnosanitetski Pregled Article Title: Sex differences in the prognostic value of computed tomography pulmonary angiography parameters for intrahospital acute ... [Read more...](#)

30. Weight of evidence evaluation of the metabolism disrupting effects of triphenyl phosphate using an expert knowledge elicitation approach

29-06-2024 - Ovid

Author Names: Beausoleil C.,Thebault A.,Andersson P.,Cabaton N.J.,Ermler S.,Fromenty B.,Garoche C.,Griffin J.L.,Hoffmann S.,Kamstra J.H.,Kubickova B.,Lenters V.,Kos V.M.,Poupin N.,Remy S.,Sapounidou M.,Zalko D.,Legler J.,Jacobs M.N.,Rousselle C. Database Source: Embase Weekly Updates Journal Title:

Toxicology and Applied Pharmacology, Toxicology and Applied Pharmacology Article Title: Weight ... [Read more...](#)

31. Study of progesterone complexation in cyclodextrins and cyclodextrin-based nanosponges as an example of solvent-free complexation

29-06-2024 - Ovid

Author Names: Matencio A., Bisericaru D.M., Conesa I., Er-Rahmani S., Pedrazzo A.R., Lopez-Nicolas J.M., Trotta F. Database Source: Embase Weekly Updates Journal Title: Journal of Drug Delivery Science and Technology, Journal of Drug Delivery Science and Technology Article Title: Study of progesterone complexation in cyclodextrins and cyclodextrin-based nanosponges as an example of solvent-free ... [Read more...](#)

32. Validation of the European Society of Cardiology pretest probability models for obstructive coronary artery disease in high-risk population

29-06-2024 - Ovid

Author Names: Vranic I., Stankovic I., Ignjatovic A., Kafedzic S., Radovanovic-Radosavljevic M., Neskovic A.N., Vidakovic R. Database Source: Embase Weekly Updates Journal Title: Hellenic Journal of Cardiology, Hellenic Journal of Cardiology Article Title: Validation of the European Society of Cardiology pretest probability models for obstructive coronary artery disease in high-risk population Year: ... [Read more...](#)

33. Prevalence and identification of irregular erythrocyte antibodies in voluntary blood donors in the territory of Southeast Serbia

29-06-2024 - Ovid

Author Names: Randjelovic M., Velickovic A., Vojinovic J., Stanojkovic Z. Database Source: Embase Weekly Updates Journal Title: Vojnosanitetski Pregled, Vojnosanitetski Pregled Article Title: Prevalence and identification of irregular erythrocyte antibodies in voluntary blood donors in the territory of Southeast Serbia, Prevalencija i identifikacija iregularnih eritrocitnih antitela kod ... [Read more...](#)

34. Creation of products made from honey based on the content of elements determined by ICP-OES

29-06-2024 - Ovid

Author Names: Arsic B., Mrmosanin J., Petrovic S., Kostic D., Pavlovic A., Tosic S., Georgijev A. Database Source: Embase Weekly Updates Journal Title: Environmental science and pollution research international Article Title: Creation of products made from honey based on the content of elements determined by ICP-OES Year: 2024 Issue: 28 Volume: 31 Abstract: People of different age can consume honey, ... [Read more...](#)

35. Emergence and control of an outbreak of PVL-positive MRSA in a UK-based maternity setting

29-06-2024 - Ovid

Author Names: Barnsley H., McFall S., White R., Suleman S., Pichon B., Patel M. Database Source: Embase Weekly Updates Journal Title: Journal of Hospital Infection, Journal of Hospital Infection Article Title: Emergence and control of an outbreak of PVL-positive MRSA in a UK-based maternity setting Year: 2024 Issue: Volume: 149 Abstract: This paper aims to describe the investigation and control of ... [Read more...](#)

36. The effects of radiofrequency exposure on adverse female reproductive outcomes: A systematic review of human observational studies with dose-response meta-analysis

29-06-2024 - Ovid

Author Names: Johnson E.E., Kenny R.P.W., Adesanya A.M., Richmond C., Beyer F., Calderon C., Rankin J., Pearce M.S., Toledano M., Craig D., Pearson F. Database Source: Embase Weekly Updates Journal Title: Environment International, Environment International Article Title: The effects of radiofrequency exposure on

adverse female reproductive outcomes: A systematic review of human observational studies ... [Read more...](#)

37. The global state of disease surveillance and delivering the Pandemic Accord

29-06-2024 - Ovid

Author Names: Squires N., Hanefeld J. Database Source: Embase Weekly Updates Journal Title: Public Health, Public Health Article Title: The global state of disease surveillance and delivering the Pandemic Accord Year: 2024 Issue: Volume: 233 Abstract: [Read more...](#)

38. Emergency department attendances and inpatient admissions due to mpox infection, England, 2022

29-06-2024 - Ovid

Author Names: Taylor H., Humphreys C., Verlander N.Q., Bhattacharya A., Vivancos R., Paranthaman K. Database Source: Embase Weekly Updates Journal Title: Sexually Transmitted Infections, Sexually Transmitted Infections Article Title: Emergency department attendances and inpatient admissions due to mpox infection, England, 2022 Year: 2024 Issue: Volume: Abstract: Objectives: In 2022, ... [Read more...](#)

39. Association between sarcopenia and clinical outcomes in patients on maintenance hemodialysis

29-06-2024 - Ovid

Author Names: Dimitrijevic Z., Randjelovic J., Paunovic K., Kostic E., Tasic D., Cvetkovic T., Mitic B. Database Source: Embase Weekly Updates Journal Title: Nephrology Dialysis Transplantation Article Title: Association between sarcopenia and clinical outcomes in patients on maintenance hemodialysis Year: 2024 Issue: Supplement 1 Volume: 39 Abstract: Background and Aims: Sarcopenia is a ... [Read more...](#)

40. Restructuring of Palladium Nanoparticles during Oxidation by Molecular Oxygen

29-06-2024 - Ovid

Author Names: Usoltsev O., Stoian D., Skorynina A., Kozyr E., Njoroge P.N., Pellegrini R., Groppo E., van Bokhoven J.A., Bugaev A. Database Source: Embase Weekly Updates Journal Title: Small (Weinheim an der Bergstrasse, Germany) Article Title: Restructuring of Palladium Nanoparticles during Oxidation by Molecular Oxygen Year: 2024 Issue: Volume: Abstract: An interplay between Pd and PdO and their ... [Read more...](#)

41. Community-Acquired Staphylococcus aureus Bacteremia Among People Who Inject Drugs: A National Cohort Study in England, 2017-2020

29-06-2024 - Ovid

Author Names: McGuire E., Collin S.M., Brown C.S., Saito M. Database Source: Embase Weekly Updates Journal Title: Clinical Infectious Diseases, Clinical Infectious Diseases Article Title: Community-Acquired Staphylococcus aureus Bacteremia Among People Who Inject Drugs: A National Cohort Study in England, 2017-2020 Year: 2024 Issue: 6 Volume: 78 Abstract: Background. [Read more...](#)

42. Dermatoscopic patterns of cutaneous metastases: A multicentre cross-sectional study of the International Dermoscopy Society

29-06-2024 - Ovid

Author Names: Tiodorovic D., Stojkovic-Filipovic J., Marghoob A., Argenziano G., Puig S., Malveyh J., Tognetti L., Pietro R., Akay B.N., Zalaudek I., Haenssle H.A., Muller-Christmann C., Cinotti E., Perrot J.L., Zaballos P., Bakos R.M., Thomas L., Peris K., Lallas A., Apalla Z., Kreusch J.F., Tromme I., Stratigos A.J., Pizzichetta M.A., Kandolf L., Longo C., Blum A., Tanaka M., Hofmann-Wellenhof R., Jovic A., Paoli J. [Read more...](#)

43. The effects of radiofrequency exposure on male fertility: A systematic review of human observational studies with dose-response meta-analysis

29-06-2024 - Ovid

Author Names: PW Kenny R.,Evelynne Johnson E.,Adesanya A.M.,Richmond C.,Beyer F.,Calderon C.,Rankin J.,Pearce M.S.,Toledano M.,Craig D.,Pearson F. Database Source: Embase Weekly Updates Journal Title: Environment International,Environment International Article Title: The effects of radiofrequency exposure on male fertility: A systematic review of human observational studies with dose-response ... [Read more...](#)

44. Similar hypoglycemia duration with once-weekly icodec versus degludec or glargine U100 in insulin-treated T2D: a post hoc CGM analysis from ONWARDS 2 & 4

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Author Names: Kellerer M.,Bajaj H.S.,Asbjornsdottir B.,Carstensen L.,Lang Lehrskov L.,Mathieu C.,Philis-Tsimikas A.,Battelino T. Database Source: Embase Weekly Updates Journal Title: Diabetologie und Stoffwechsel Article Title: Similar hypoglycemia duration with once-weekly icodec versus degludec or glargine U100 in insulin-treated T2D: a post hoc CGM analysis from ONWARDS 2 & 4 Year: 2024 ... [Read more...](#)

45. Combustion-Derived Pollutants Linked with Kidney Disease in Low-Lying Flood-Affected Areas in the Balkans

29-06-2024 - Ovid

Author Names: Guo W.,Kwok H.C.,Griffith S.M.,Nagl S.,Milovanovic D.,Pavlovic M.,Pavlovic N.M.,Yu J.Z.,Dedon P.C.,Chan W. Database Source: Embase Weekly Updates Journal Title: Environmental Science and Technology,Environmental Science and Technology Article Title: Combustion-Derived Pollutants Linked with Kidney Disease in Low-Lying Flood-Affected Areas in the Balkans Year: 2024 Issue: Volume: ... [Read more...](#)

46. Multiple risk factors for persistent HBV viraemia in an adult receiving nucleos(tide) analogue therapy

24-06-2024 - National Library of Medicine

Diagnosing and treating chronic hepatitis B virus (HBV) infection are key interventions to support progress towards elimination of viral hepatitis by 2030. Although nucleos(tide) analogue (NA) therapy is typically highly effective, challenges remain for viral load (VL) suppression, including medication access, incomplete adherence and drug resistance. We present a case of a long-term HBV and ... [Read more...](#)

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