



Infection Current Awareness Update

17/06/2024

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**.

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Infection-related journals

- **American Journal of Infection Control**
- **Clinical Infectious Diseases**
- **Clinical Microbiology and Infection**
- **Clinical Microbiology Reviews**
- **Current Opinion in Microbiology**
- **Current Opinion in Virology**
- **Diagnostic Microbiology and Infectious Disease**

- [Emerging Infectious Diseases Journal - CDC](#)
- [European Journal of Clinical Microbiology and Infectious Disease](#)
- [Eurosurveillance](#)
- [FEMS Microbiology Reviews](#)
- [Infection](#)
- [International Journal of Infectious Diseases](#)
- [Journal of Clinical Microbiology](#)
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- [The Lancet](#)
- [The Lancet: Global Health](#)
- [Microbiology and Molecular Biology Reviews](#)
- [Morbidity and Mortality Weekly Report](#)
- [Nature Reviews Microbiology](#)
- [NEJM Journal Watch: Infectious Diseases](#)

UKHSA affiliation

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COVID-19 related research

COVID-19 infection

1. [A Novel Framework for Internal Responses to Detection of Pathogens in Wastewater by Public Health Agencies](#)

13-06-2024 - SAGE Publishing

Public Health Reports®, Ahead of Print. Objectives: To build on the success of wastewater surveillance during the COVID-19 pandemic, jurisdictions funded under the Centers for Disease Control and Prevention National Wastewater Surveillance System are looking to expand their wastewater programs to detect more pathogens. However, many public health agencies do not know how to use the collected ... [Read more...](#)

2. [WHO Updates Terminology for Pathogens That Spread Through the Air](#)

11-06-2024 - The JAMA Network

A multiyear global collaboration among public health agencies has led to new terminology for pathogens such as SARS-CoV-2 that can spread through the air, the World Health Organization (WHO) announced. The report by the WHO and partners, including the US Centers for Disease Control and Prevention, moves away from the dichotomy of “aerosols” and “droplets” that sparked debate and confusion ... [Read more...](#)

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Infection-related guidance

European Centre for Disease Prevention and Control

1. [Communicable disease threats report, 8-14 June 2024, week 24](#)

14-06-2024 - European Centre for Disease Prevention and Control: ECDC (Europa)

This issue of the ECDC Communicable Disease Threats Report (CDTR) covers the period 8-14 June 2024 and includes updates on avian influenza, cholera, West Nile virus infections, measles and mass gatherings. [Read more...](#)

2. Mass gatherings and infectious diseases, considerations for public health authorities in the EU/EEA

14-06-2024 - *European Centre for Disease Prevention and Control: ECDC (Europa)*

Mass gatherings can be anything from high-profile athletic events to religious gatherings or cultural events and festivals. ECDC aims to provide public health authorities in the EU/EEA countries with general considerations in relation to preparedness for organised mass gatherings, focusing on infectious disease threats. [Read more...](#)

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HIV guidelines - PubMed

1. Consensus recommendations for the use of novel antiretrovirals in persons with HIV who are heavily treatment-experienced and/or have multidrug-resistant HIV-1: Endorsed by the American Academy of HIV Medicine, American College of Clinical Pharmacy: An executive summary

10-06-2024 - *National Library of Medicine*

Treatment options are currently limited for persons with HIV-1 (PWH) who are heavily treatment-experienced and/or have multidrug-resistant HIV-1. Three agents have been approved by the U.S. Food and Drug Administration (FDA) since 2018, representing a significant advancement for this population: ibalizumab, fostemsavir, and lenacapavir. However, there is a paucity of recommendations endorsed ...

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Infectious Diseases Society of America

1. IDSA and HIVMA Response to New CDC Guidelines on Doxycycline as Post-Exposure Prophylaxis

10-06-2024 - *Infectious Diseases Society of America (IDSA)*

IDSA and HIVMA welcome the Centers for Disease Control and Prevention's guidelines for implementing doxycycline as post-exposure prophylaxis, or doxy PEP, to prevent sexually transmitted infections. [Read more...](#)

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Infection-related journals

American Journal of Infection Control

1. Comparison of Two Methods for Sterilization of Filtering Facepiece Respirators Worn for Extended Periods During the COVID-19 Pandemic: An Experimental Laboratory Study

15-06-2024 - *Elsevier*

During the COVID-19 pandemic, there was a shortage of Filtering Facepiece Respirators (FFR), leading to prolonged use and reuse of FFRs. [Read more...](#)

2. Global burden, trends, and cross-country inequalities of urinary tract infections in adolescents and young adults, 1990-2019

15-06-2024 - *Elsevier*

Limited studies have evaluated the global burden, trends, and cross-country inequalities for urinary tract infections (UTIs) in adolescents and young adults (AYAs). [Read more...](#)

3. Frequency, Characteristics and Outcome of Adult Patients with Multiple Consecutive Healthcare-Associated Infections Undergoing Extracorporeal Membrane Oxygenation: A Retrospective Analysis

15-06-2024 - Elsevier

Data on multiple consecutive healthcare-associated infections (HAIs) in patients undergoing extracorporeal membrane oxygenation (ECMO) are limited. We aim to identify the characteristics and outcomes of multiple, consecutive HAIs. [Read more...](#)

4. Factors Influencing Self-reported Facial Protective Equipment adherence among Home Care Nurses and Personal Support Workers – A multi-site cross-sectional study

15-06-2024 - Elsevier

Facial Protective Equipment (FPE) use increased during the SARS-CoV-2 pandemic. This study explored factors influencing home care personal support workers' (PSWs) and nurses' self-reported adherence to FPE. [Read more...](#)

5. Urinary catheter alleviation navigator protocol (UCANP): Update to the hospital-wide implementation at a single tertiary health care center

12-06-2024 - Elsevier

Catheter-associated urinary tract infections (CAUTIs) are commonly reported healthcare-associated infections. It was demonstrated that the urinary catheter alleviation navigator protocol (UCANP) pilot resulted in a reduction of catheter utilization and catheter days. [Read more...](#)

6. High Prevalence and Genetic Diversity of Multidrug Resistant and Extended Spectrum β -Lactamase Producing Escherichia coli and Klebsiella pneumoniae in Mothers and Neonates in a Cameroonian Labour Ward

12-06-2024 - Elsevier

Escherichia coli and Klebsiella pneumoniae rank among the primary bacterial culprits in neonatal infections and fatalities in sub-Saharan Africa. This study characterized the phenotypic and genotypic features of Escherichia coli and Klebsiella pneumoniae in a labour ward in Yaoundé, Cameroon. [Read more...](#)

7. Effectiveness of Infection Prevention and Control Interventions in Healthcare Facilities in Africa: A Systematic Review

11-06-2024 - Elsevier

Healthcare associated infections (HAIs) are a major threat to patient safety and quality care. However, they are avoidable by implementing evidence-based infection prevention and control measures. This review evaluated the evidence of the effectiveness of Infection Prevention and Control (IPC) interventions in reducing rates of HAIs in healthcare settings in Africa. [Read more...](#)

8. REDUCING PEDIATRIC AMBULATORY CENTRAL LINE-ASSOCIATED BLOODSTREAM INFECTIONS IN PATIENTS AT A SINGLE INSTITUTION HOME HEALTH AGENCY

11-06-2024 - Elsevier

We conducted a quality improvement (QI) project from 2019 to 2021 at a single home health agency to reduce rates of central line associated bloodstream infection (CLABSI) in our ambulatory pediatric population. Annualized CLABSI rates per 1000 catheter line days decreased by 20% during the study period, from a rate of 1.023 to 0.810. This decrease was sustained in the 10-month post-study ... [Read more...](#)

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Clinical Infectious Diseases

1. Beyond Infection: Mortality and End-of-Life Care Associated with Infectious Disease Consultation in an Academic Health System

13-06-2024 - Oxford University Press

The volume and comorbidity of patients for whom infectious disease consultation was requested in a major academic health system from 2014-2023 steadily increased, with corresponding increased mortality and increased opportunity for infectious disease clinician involvement in end-of-life care. [Read more...](#)

2. Identifying Veterans Who Benefit From Nirmatrelvir-Ritonavir: A Target Trial Emulation

12-06-2024 - Oxford University Press

Nirmatrelvir-ritonavir was associated with reductions in 30-day hospitalizations and deaths in older veterans, those at highest predicted risk for severe outcomes, and immunocompromised groups. Benefit was not observed in younger veterans or groups at lower predicted risk for hospitalization and death. [Read more...](#)

3. Evaluating the Approach for Gram-Negative Bacteremia and Fungemia in Cardiovascular Implantable Electronic Device Infections from a Recent IDSA Guideline on Advanced Nuclear Imaging in Cardiovascular Infections

12-06-2024 - Oxford University Press

[Read more...](#)

4. Welcoming Discourse on the Approach for Gram-Negative Bacteremia and Candidemia in Cardiovascular Implantable Electronic Device Infections

12-06-2024 - Oxford University Press

[Read more...](#)

5. Polymerase Chain Reaction on Respiratory Tract Specimens of Immunocompromised Patients to Diagnose Pneumonia: A Systematic Review and Meta-analysis

11-06-2024 - Oxford University Press

This meta-analysis demonstrated very high diagnostic performance of PCR assays when used as screening tests for pneumonia in high-risk patient groups, regardless of HIV status. qPCR on bronchoalveolar lavage fluid samples provided optimal sensitivity, closely followed by qPCR on induced sputum, while also providing adequate specificity. [Read more...](#)

6. STI/HIV testing, STIs, and HIV PrEP use among men who have sex with men (MSM) and men who have sex with men and women (MSMW) in United States, 2019-2022

10-06-2024 - Oxford University Press

Among 81,716 MSM and MSMW aged 15-64 years at increased risk of HIV and STIs, STI/HIV testing rates were 57.9% for chlamydia, 58.1% for gonorrhea, and 52.2% for syphilis, and PrEP use and PrEP initiation were 30.9% and 19.1% in private settings. [Read more...](#)

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Clinical Microbiology and Infection

1. Re: lower (1,3)-beta-D-glucan sensitivity and in vitro levels in *Candida auris* and *Candida parapsilosis* strains by Mikulska et al

16-06-2024 - Ovid

Author Names: Adelman M.W., Tran T.T., Shukla B. Database Source: Embase Daily Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Re: lower (1,3)-beta-D-

glucan sensitivity and in vitro levels in *Candida auris* and *Candida parapsilosis* strains by Mikulska et al
Year: 2024 Issue: Volume: Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

2. Features of cryptococcosis among 652 HIV-seronegative individuals in France: a cross-sectional observational study (2005-2020)

16-06-2024 - Ovid

Author Names: Paccoud O., Desnos-Ollivier M., Persat F., Demar M., Boukris-Sitbon K., Bellanger A.-P., Bonhomme J., Bonnal C., Botterel F., Bougnoux M.-E., Brun S., Cassaing S., Cateau E., Chouaki T., Cornet M., Dannaoui E., Desbois-Nogard N., Durieux M.-F., Favennec L., Fekkar A., Gabriel F., Gangneux J.-P., Guitard J., Hasseine L., Huguenin A., Le Gal S., Letscher-Bru V., Mahinc C., Morio F., Nicolas M., Poirier P., Ranque S. [Read more...](#)

3. Effectiveness of financial incentives on influenza vaccination among older adults in China: a randomized clinical trial

16-06-2024 - Ovid

Author Names: Shen Y., Wang J., Nicholas S., Maitland E., Lv M., Yin T., Zhu D. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Effectiveness of financial incentives on influenza vaccination among older adults in China: a randomized clinical trial Year: 2024 Issue: 7 Volume: 30 Abstract: Objectives: To ... [Read more...](#)

4. Monetary incentives for vaccination: effectiveness and unintended consequences

16-06-2024 - Ovid

Author Names: Campos-Mercade P., Schneider F.H. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Monetary incentives for vaccination: effectiveness and unintended consequences Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey.io/libraries/1814/openurl?sid=OVID:emexc&genre=> ... [Read more...](#)

5. Women's acceptance of two strategies for preventing respiratory syncytial virus infant bronchiolitis: maternal immunization or monoclonal antibodies for newborns

16-06-2024 - Ovid

Author Names: Roblin A., Lachatre M., Charlier C., Launay O., Tsatsaris V., Anselem O. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Women's acceptance of two strategies for preventing respiratory syncytial virus infant bronchiolitis: maternal immunization or monoclonal antibodies for newborns Year: 2024 ... [Read more...](#)

6. 'Unexpected increase of severe *Mycoplasma pneumoniae* pneumonia in adults in Southern Switzerland' - Author's reply

16-06-2024 - Ovid

Author Names: Garzoni C., Bongiovanni M. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: 'Unexpected increase of severe *Mycoplasma pneumoniae* pneumonia in adults in Southern Switzerland' \\\- Author's reply Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

7. Alarming increase in fluoroquinolone resistance among non-typhoidal salmonella isolates

16-06-2024 - Ovid

Author Names: Besli Y., Keske, Dikenelli B.E., Palaoglu K.E., Ergonul O. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, Clinical Microbiology and Infection Article Title: Alarming increase in fluoroquinolone resistance among non-typhoidal salmonella isolates Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

8. Diagnostic value of maternal, cord blood and neonatal biomarkers for early-onset sepsis: a systematic review and meta-analysis

16-06-2024 - Ovid

Author Names: van Leeuwen L.M.,Fourie E.,van den Brink G.,Bekker V.,van Houten M.A. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Diagnostic value of maternal, cord blood and neonatal biomarkers for early-onset sepsis: a systematic review and meta-analysis Year: 2024 Issue: 7 Volume: 30 Abstract: ... [Read more...](#)

9. Time to positivity is a risk factor for death among patients with bloodstream infections: a population-based cohort

16-06-2024 - Ovid

Author Names: Laupland K.B.,Edwards F.,Dettrick Z.,Harris P.N.A. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Time to positivity is a risk factor for death among patients with bloodstream infections: a population-based cohort Year: 2024 Issue: 7 Volume: 30 Abstract: Objectives: Studies examining ... [Read more...](#)

10. Availability of drugs and resistance testing for bedaquiline, pretomanid, linezolid, and moxifloxacin (BPAL(M)) regimen for rifampicin-resistant tuberculosis in Europe

16-06-2024 - Ovid

Author Names: Gunther G.,Guglielmetti L.,Kherabi Y.,Duarte R.,Lange C. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Availability of drugs and resistance testing for bedaquiline, pretomanid, linezolid, and moxifloxacin (BPAL(M)) regimen for rifampicin-resistant tuberculosis in Europe Year: 2024 ... [Read more...](#)

11. Re: 'Unexpected increase of severe Mycoplasma pneumoniae pneumonia in adults in Southern Switzerland' by Garzoni et al

16-06-2024 - Ovid

Author Names: Zayet S.,Klopfenstein T. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Re: 'Unexpected increase of severe Mycoplasma pneumoniae pneumonia in adults in Southern Switzerland' by Garzoni et al Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

12. Prevalence of long COVID in the general adult population according to different definitions and sociodemographic and infection characteristics. A nationwide random sampling survey in France in autumn 2022

16-06-2024 - Ovid

Author Names: Coste J.,Delpierre C.,Richard J.-B.,Alleaume C.,Gallay A.,Tebeka S.,Lemogne C.,Robineau O.,Steichen O.,Makovski T.T. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Prevalence of long COVID in the general adult population according to different definitions and sociodemographic and ... [Read more...](#)

13. Cuterebra sp tracheopulmonary myiasis in a traveller returning from Costa Rica

16-06-2024 - Ovid

Author Names: Rio L.-P.,Conquet G.,Langlois B.,Varlet-Marie E.,Lachaud L.,Pasquier G. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Cuterebra sp tracheopulmonary myiasis in a traveller returning from Costa Rica Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

14. 'Vagus Nerve Dysfunction in the Post-COVID-19 Condition' - Author's reply

16-06-2024 - Ovid

Author Names: Lladós G.,Massanella M.,Paredes R.,Mateu L. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: 'Vagus Nerve Dysfunction in the Post-COVID-19 Condition' \\\|- Author's reply Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey.io/libraries/1814/openurl?sid=OVID:em> ... [Read more...](#)

15. Re: Diagnostic limitations and challenges in current clinical guidelines and potential application of metagenomic sequencing to manage pulmonary invasive fungal infections in patients with haematological malignancies by Park et al

16-06-2024 - Ovid

Author Names: Zhang S.X.,Ardura M.I.,Park S.Y. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Re: Diagnostic limitations and challenges in current clinical guidelines and potential application of metagenomic sequencing to manage pulmonary invasive fungal infections in patients with haematological ... [Read more...](#)

16. 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' - Author's reply

16-06-2024 - Ovid

Author Names: Aghlmandi S.,Bielicki J.,Bucher H.C. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' \\\- Author's reply Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver ... [Read more...](#)

17. Re: Persistent COVID-19 in immunocompromised patients-Israeli Society of Infectious Diseases consensus statement on diagnosis and management by Meijer et al

16-06-2024 - Ovid

Author Names: Maraolo A.E.,Moriello N.S.,Gentile I. Database Source: Embase Daily Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Re: Persistent COVID-19 in immunocompromised patients-Israeli Society of Infectious Diseases consensus statement on diagnosis and management by Meijer et al Year: 2024 Issue: Volume: Abstract: External ... [Read more...](#)

18. Re: 'Vagus nerve dysfunction in the post-COVID-19 condition' by Llados et al

16-06-2024 - Ovid

Author Names: Finsterer J. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Re: 'Vagus nerve dysfunction in the post-COVID-19 condition' by Llados et al Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey.io/libraries/1814/openurl?sid=OVID:emexc&genre=article&id=pmid:380423> ... [Read more...](#)

19. Contribution of APOBEC3G/F activity to the development of low-abundance drug-resistant human immunodeficiency virus type 1 variants

16-06-2024 - Ovid

Author Names: Noguera-Julian M.,Di Giallonardo F.,Daumer M.,Aitken S.,Ceccherini-Silberstein F.,D'Arminio Monforte A.,Booth C.L.,Michalik C.,Jansen K.,Bellecave P.,Kouyos R.D.,Castro E.,Furrer H.,Schultze A.,Gunthard H.F.,Paredes R.,Metzner K.J.,Cozzi-Lepri A.,Schuurman R.,Brun-Vezinet F.,Gunthard H.,Reqaoui F.,Kaiser R.,Geretti A.M.,Brockmeyer N.,Masquelier B. [Read more...](#)

20. Evaluation of two commercial broth microdilution systems for dalbavancin susceptibility testing of methicillin-resistant Staphylococcus aureus and other resistant Gram-positive cocci

16-06-2024 - Ovid

Author Names: Baccani I.,Antonelli A.,Cuffari S.,Ferretti C.,Giani T.,Rossolini G.M. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Evaluation of two commercial broth microdilution systems for dalbavancin susceptibility testing of methicillin-resistant Staphylococcus aureus and other resistant ... [Read more...](#)

21. Re: 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' by Aghlmandi et al

16-06-2024 - Ovid

Author Names: Pluss-Suard C.,Mueller Y.,Plate A.,Senn O.,Kronenberg A. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Re: 'Impact of the COVID-19 pandemic on antibiotic prescribing in high-prescribing primary care physicians in Switzerland' by Aghlmandi et al Year: 2024 Issue: 7 Volume: 30 Abstract: ... [Read more...](#)

22. The impact of armed conflict on the development and global spread of antibiotic resistance: a systematic review

16-06-2024 - Ovid

Author Names: Granata G.,Petersen E.,Capone A.,Donati D.,Andriolo B.,Gross M.,Cicalini S.,Petrosillo N. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: The impact of armed conflict on the development and global spread of antibiotic resistance: a systematic review Year: 2024 Issue: 7 Volume: 30 ... [Read more...](#)

23. Controlling the hospital aquatic reservoir of multidrug-resistant organisms: a cross-sectional study followed by a nested randomized trial of sink decontamination

16-06-2024 - Ovid

Author Names: Catho G.,Cave C.,Grant R.,Carry J.,Martin Y.,Renzi G.,Nguyen A.,Buetti N.,Schrenzel J.,Harbarth S. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Controlling the hospital aquatic reservoir of multidrug-resistant organisms: a cross-sectional study followed by a nested randomized trial of ... [Read more...](#)

24. Global epidemiological comparison of Streptococcus pyogenes emm-types associated with pharyngitis and pharyngeal carriage

16-06-2024 - Ovid

Author Names: de Crombrughe G.,Botteaux A.,Osowicki J.,Steer A.C.,Smeesters P.R. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Global epidemiological comparison of Streptococcus pyogenes emm-types associated with pharyngitis and pharyngeal carriage Year: 2024 Issue: Volume: Abstract: Objectives: To ... [Read more...](#)

25. Follow-up blood cultures do not reduce mortality in hospitalized patients with Gram-negative bloodstream infection: a retrospective population-wide cohort study

16-06-2024 - Ovid

Author Names: Ong S.W.X.,Luo J.,Fridman D.J.,Lee S.M.,Johnstone J.,Schwartz K.L.,Diong C.,Patel S.N.,MacFadden D.,Langford B.,Tong S.Y.C.,Brown K.A.,Daneman N. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Follow-up blood cultures do not reduce mortality in hospitalized patients with Gram-negative ... [Read more...](#)

26. Intradermal delivery of the third dose of the mRNA-1273 SARS-CoV-2 vaccine: safety and immunogenicity of a fractional booster dose

16-06-2024 - Ovid

Author Names: Roozen G.V.T.,Prins M.L.M.,Prins C.,Janse J.J.,de Gruyter H.L.M.,Pothast C.R.,Huisman W.,Koopman J.P.R.,Lamers O.A.C.,Kuijjer M.,Myeni S.K.,van Binnendijk R.S.,Hartog G.D.,Heemskerck M.H.M.,Jochems S.P.,Feltkamp M.C.W.,Kikkert M.,Rosendaal F.R.,Roestenberg M.,Visser L.G.,Roukens A.H.E. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection, ... [Read more...](#)

27. Comparative efficacy and safety of Pneumocystis jirovecii pneumonia prophylaxis regimens for people living with HIV: a systematic review and network meta-analysis of randomized controlled trials

16-06-2024 - Ovid

Author Names: Prosty C.,Katergi K.,Sorin M.,Rjeily M.B.,Butler-Laporte G.,McDonald E.G.,Lee T.C. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Comparative efficacy and safety of Pneumocystis jirovecii pneumonia prophylaxis regimens for people living with HIV: a systematic review and network ... [Read more...](#)

28. Orthopox viruses: is the threat growing?

16-06-2024 - Ovid

Author Names: Boehm E.,Summermatter K.,Kaiser L. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Orthopox viruses: is the threat growing? Year: 2024 Issue: 7 Volume: 30 Abstract: Background: Smallpox was a major cause of human mortality until its eradication, but the threat of orthopox viruses has not ... [Read more...](#)

29. Unexpected increase of severe Mycoplasma pneumoniae pneumonia in adults in Southern Switzerland

16-06-2024 - Ovid

Author Names: Garzoni C.,Bernasconi E.,Zehnder C.,Malossa S.F.,Merlani G.,Bongiovanni M. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Unexpected increase of severe Mycoplasma pneumoniae pneumonia in adults in Southern Switzerland Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: ... [Read more...](#)

30. Characteristics, management and outcome of Herpes Simplex and Varicella-Zoster virus encephalitis: a multicentre prospective cohort study

16-06-2024 - Ovid

Author Names: Poussier L.,Mailles A.,Tattevin P.,Stahl J.-P.,Abgrall S.,Argaud L.,Argemi X.,Asseray N.,Baille G.,Baldolli A.,Biberon J.,Biron C.,Blanchet-Fourcade G.,Blot M.,Bonnetain A.,Botelho-Nevers E.,Bourdain F.,Boutoille D.,Brasme H.,Bruel C.,Bruneel F.,Buzele R.,Canoui E.,Casenave P.,Castan B.,Cazanave C.,Cazorla C.,Challan-Belval T.,Chavanet P.,Chirouze C.,Chroboczek T.,Courjon J. [Read more...](#)

31. Susceptibility testing of the live attenuated tuberculosis vaccine BCG and the vaccine candidate MTBVAC to currently WHO-recommended anti-tuberculosis drugs by the European committee on antimicrobial susceptibility testing (EUCAST) method

16-06-2024 - Ovid

Author Names: Rabodoarivelo M.S.,Gomez A.B.,Pico Marco A.,Martin C.,Ramon-Garcia S. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: Susceptibility testing of the live attenuated tuberculosis vaccine BCG and the vaccine candidate MTBVAC to currently WHO-recommended anti-tuberculosis drugs by the ... [Read more...](#)

32. The case for the access, watch, and reserve (AWaRe) universal guidelines for antibiotic use

16-06-2024 - Ovid

Author Names: Yonga P.,Pulcini C.,Skov R.,Pano-Pardo J.R.,Schouten J. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article Title: The case for the access, watch, and reserve (AWaRe) universal guidelines for antibiotic use Year: 2024 Issue: 7 Volume: 30 Abstract: External Resolver Links: <https://libkey>. [Read more...](#)

33. The impact of the fluconazole trailing effect on the persistence of Candida albicans bloodstream infection when treated with fluconazole

16-06-2024 - Ovid

Author Names: Lin S.-Y.,Huang H.-Y.,Chang L.-L.,Wang Y.-L.,Chen T.-C.,Chang K.,Tu H.-P.,Lu P.-L.
Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical
Microbiology and Infection Article Title: The impact of the fluconazole trailing effect on the persistence of
Candida albicans bloodstream infection when treated with fluconazole Year: 2024 Issue: 7 ... [Read more...](#)

34. A prospective multicentre evaluation of BioFire Joint Infection Panel for the rapid microbiological documentation of acute arthritis

16-06-2024 - Ovid

Author Names: Gaillard T.,Dupieux-Chabert C.,Roux A.-L.,Tessier E.,Boutet-Dubois A.,Courboules
C.,Corvec S.,Bemer P.,Lavigne J.-P.,El Sayed F.,Marchandin H.,Munier C.,Chanard E.,Gazzano V.,Loiez
C.,Laurent F. Database Source: Embase Weekly Updates Journal Title: Clinical Microbiology and
Infection,Clinical Microbiology and Infection Article Title: A prospective multicentre evaluation of ... [Read
more...](#)

35. How I manage severe bacterial infections in people who inject drugs

16-06-2024 - Ovid

Author Names: Stewardson A.J.,Davis J.S.,Dunlop A.J.,Tong S.Y.C.,Matthews G.V. Database Source:
Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and
Infection Article Title: How I manage severe bacterial infections in people who inject drugs Year: 2024
Issue: 7 Volume: 30 Abstract: Background: Injecting drug use is a risk factor for severe ... [Read more...](#)

36. Which trial do we need? Gown and glove use versus standard precautions for patients colonized or infected with methicillin-resistant Staphylococcus aureus or vancomycin-resistant Enterococcus

16-06-2024 - Ovid

Author Names: Browning S.,White N.M.,Raby E.,Davis J.S.,Mitchell B.G. Database Source: Embase
Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and Infection Article
Title: Which trial do we need? Gown and glove use versus standard precautions for patients colonized or
infected with methicillin-resistant Staphylococcus aureus or vancomycin-resistant ... [Read more...](#)

37. Ampicillin susceptibility testing of Haemophilus influenzae in the routine clinical laboratory by the EUCAST methodology compared to broth microdilution and the presence of ftsl gene mutations

16-06-2024 - Ovid

Author Names: Sturm P.D.J.,Hermans N.T.H.,van der Zanden A.G.M.,Peters C.J.A.,Schulin T. Database
Source: Embase Weekly Updates Journal Title: Clinical Microbiology and Infection,Clinical Microbiology and
Infection Article Title: Ampicillin susceptibility testing of Haemophilus influenzae in the routine clinical
laboratory by the EUCAST methodology compared to broth microdilution and the ... [Read more...](#)

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Clinical Microbiology Reviews

1. Streptococcus dysgalactiae subsp. equisimilis infection and its intersection with Streptococcus pyogenes

10-06-2024 - American Society for Microbiology

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

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Current Opinion in Microbiology

1. Symbioses between fungi and bacteria: from mechanisms to impacts on biodiversity

14-06-2024 - ScienceDirect

Publication date: August 2024 Source: Current Opinion in Microbiology, Volume 80 Author(s): Teresa E Pawlowska [Read more...](#)

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Current Opinion in Virology

1. A comparative review of adenovirus A12 and C5 oncogenes

12-06-2024 - ScienceDirect

Publication date: August 2024 Source: Current Opinion in Virology, Volume 67 Author(s): Luca D Bertzbach, Wing-Hang Ip, Konstantin von Stromberg, Thomas Dobner, Roger J Grand [Read more...](#)

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Diagnostic Microbiology and Infectious Disease

1. The Development and Diagnostic Potential of a Novel Bartonella henselae-specific Immunoglobulin

14-06-2024 - ScienceDirect

Publication date: Available online 13 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Annette Daughtry, Robert Swanson, Martin Adelson, Eli Mordechai, Jason Trama [Read more...](#)

2. Bacterial vaginosis in pregnant women: A comparison of the Nugent Score with a multiplex PCR

14-06-2024 - ScienceDirect

Publication date: Available online 13 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Tom Theiler, Sarah Schoeler, Mareike Möllers, Franziska Schuler, Ioana D. Olaru, Frieder Schaumburg [Read more...](#)

3. Application of LAMP assay for detection of carbapenem-resistant Acinetobacter calcoaceticus-Acinetobacter baumannii complex in ICU admitted sepsis patients: A rapid and cost-effective diagnostic tool

13-06-2024 - ScienceDirect

Publication date: Available online 12 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Amit Sharma, Mudsser Azam, P.K Verma, Vandana Talwar, Subhasree Roy, Balaji Veeraraghavan, Ruchi Singh, Rajni Gaiind [Read more...](#)

4. Metagenomic next generation sequencing of bronchoalveolar lavage fluids for the identification of pathogens in patients with pulmonary infection: a retrospective study

12-06-2024 - ScienceDirect

Publication date: Available online 12 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Wenwen Qin, Tai Guo, Tiebin You, Ruixin Tian, Xiaoman Cui, Ping Wang [Read more...](#)

5. Transcriptome analysis of macrophages during Brucella abortus infection clarifies the survival mechanisms of the bacteria

12-06-2024 - ScienceDirect

Publication date: Available online 12 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Martina Pannetta, Marharyta Smal, Carlo Ferravante, Daniela Eletto, Domenico Di Rosa, Elena Alexandrova, Francesca Rizzo, Antonia Voli, Alessandra Tosco, Alessandro Weisz, Amalia Porta [Read more...](#)

6. Cover 2 - Aims/Scopes, Ed Board

12-06-2024 - *ScienceDirect*

Publication date: August 2024 Source: Diagnostic Microbiology and Infectious Disease, Volume 109, Issue 4 Author(s): [Read more...](#)

7. Cefazolin Inoculum Effect in Methicillin-Susceptible Staphylococcus aureus Clinical Isolates

11-06-2024 - *ScienceDirect*

Publication date: Available online 10 June 2024 Source: Diagnostic Microbiology and Infectious Disease Author(s): Shuma Tsuji, Kazuyoshi Gotoh, Tadahiro Manabe, Koji Iio, Shinnosuke Fukushima, Osamu Matsushita, Hideharu Hagiya [Read more...](#)

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Emerging Infectious Diseases Journal - CDC

1. Prevalence of and Risk Factors for Post-COVID-19 Condition during Omicron BA.5-Dominant Wave, Japan

14-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

A. Iba et al. [Read more...](#)

2. Engaging Communities in Emerging Infectious Disease Mitigation to Improve Public Health and Safety

13-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

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

3. Fatal Infection in Ferrets after Ocular Inoculation with Highly Pathogenic Avian Influenza A(H5N1)

12-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

J. A. Belser et al. [Read more...](#)

4. Relapsed Mpox Keratitis, St. Louis, Missouri, USA

12-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

C. Pi et al. [Read more...](#)

5. Strategies to Enhance COVID-19 Vaccine Uptake among Prioritized Groups, Uganda

12-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

D. Kiiza et al. [Read more...](#)

6. Germ Theory: Medical Pioneers in Infectious Diseases, 2nd Edition

12-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

R. N. Wofford [Read more...](#)

7. Genomic Epidemiology of Large Blastomycosis Outbreak, Ontario, Canada, 2021

12-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

L. R. McTaggart et al. [Read more...](#)

8. Vaccine Effectiveness against SARS-CoV-2 among Household Contacts during Omicron BA.2-Dominant Period, Japan

12-06-2024 - *Centers for Disease Control and Prevention (CDC) (USA)*

T. Ogata et al. [Read more...](#)

9. Alongshan Virus Infection in Rangifer tarandus Reindeer, Northeastern China

12-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

W. Xu et al. [Read more...](#)

10. Multicountry Spread of Influenza A(H1N1)pdm09 Viruses with Reduced Oseltamivir Inhibition, May 2023–February 2024

12-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

M. C. Patel et al. [Read more...](#)

11. Sialic Acid Receptor Specificity in Mammary Gland of Dairy Cattle Infected with Highly Pathogenic Avian Influenza A(H5N1) Virus

11-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

R. K. Nelli et al. [Read more...](#)

12. Rocky Mountain Spotted Fever Mimicking Multisystem Inflammatory Syndrome in Hospitalized Children, Sonora, Mexico

11-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

G. Álvarez-Hernández et al. [Read more...](#)

13. Electronic Health Record Data for Lyme Disease Surveillance, Massachusetts, USA, 2017–2018

05-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

K. Nagavedu et al. [Read more...](#)

14. Effect of Rodent Control Program on Incidence of Zoonotic Cutaneous Leishmaniasis, Iran

04-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

A. Abdoli et al. [Read more...](#)

15. Serosurvey of Chikungunya Virus in Old World Fruit Bats, Senegal, 2020–2022

14-05-2024 - Centers for Disease Control and Prevention (CDC) (USA)

W. M. de Souza et al. [Read more...](#)

16. Body Louse Pathogen Surveillance among Persons Experiencing Homelessness, Canada, 2020–2021

14-05-2024 - Centers for Disease Control and Prevention (CDC) (USA)

C. Boodman et al. [Read more...](#)

17. Evidence of *Orientia* spp. Endemicity among Severe Infectious Disease Cohorts, Uganda

10-05-2024 - Centers for Disease Control and Prevention (CDC) (USA)

P. W. Blair et al. [Read more...](#)

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European Journal of Clinical Microbiology and Infectious Disease

1. Bacteraemia associated with multiple septic localizations caused by *Klebsiella pneumoniae* sequence type ST660

13-06-2024 - Springer

[Read more...](#)

2. Self-swabbing versus assisted swabbing for viral detection by qRT-PCR: the experience from SARS-CoV-2 based on a meta-analysis of six prospectively designed evaluations conducted in a UK setting

10-06-2024 - Springer

[Read more...](#)

3. Pleurisy due to brucellosis

10-06-2024 - Springer

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4. Oral quinolones versus intravenous β -lactam for the treatment of acute focal bacterial nephritis: a retrospective cohort study

10-06-2024 - Springer

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Eurosurveillance

1. Detection of carbapenemase producing *Acinetobacter baumannii* ST19 from Georgia and Ukraine carrying blaOXA-23, blaOXA-72, and/or blaNDM-5, December 2019 to June 2023

13-06-2024 - Eurosurveillance

In 2003–2023, amid 5,436 *Acinetobacter baumannii* isolates collected globally through the Multidrug-Resistant Organism Repository and Surveillance Network, 97 were ST19PAS, 34 of which carbapenem-resistant. Strains ($n = 32$) sampled after 2019 harboured either blaOXA-23, blaOXA-72, and/or blaNDM-5. Phylogenetic analysis of the 97 isolates and 11 publicly available ST19 genomes revealed three ... [Read more...](#)

2. Refugees from Ukraine receiving antiretroviral therapy in destination countries and territories of the World Health Organization European Region, including EU/EEA countries, February 2022 to March 2023

13-06-2024 - Eurosurveillance

Between the start of the Russian Federation's invasion of Ukraine on 24 February 2022 and May 2023, more than 8 million individuals have been displaced from Ukraine. Ukraine has the second-largest HIV epidemic in the World Health Organization (WHO) European Region. From a humanitarian and public health perspective it is critical that Ukrainian refugees living with or at risk of HIV have ... [Read more...](#)

3. Hepatitis E virus infections in German blood donors: results of 8 years of screening, 2015 to 2022

13-06-2024 - Eurosurveillance

Background Awareness of transfusion-transmitted hepatitis E raised in recent years led to the mandatory testing of blood donations in some European countries for hepatitis E virus (HEV) RNA. However, little is known about the epidemiology of HEV infections. Aim To and describe and analyse the epidemiology of HEV infections in blood donors in Germany. Methods Data from routine testing of ... [Read more...](#)

4. The impact of living conditions and health interventions on tuberculosis, Denmark, 1876 to 2022

13-06-2024 - Eurosurveillance

Background Denmark possesses an exceptional historical data collection on tuberculosis (TB) from 1876 to the present, providing a unique opportunity to assess TB epidemiology over 147 years in Denmark. Aim Our

aim was to describe the TB disease burden in Denmark in relation to historical events, living conditions and health interventions during the past 147 years. [Read more...](#)

5. Epidemic of parvovirus B19 and disease severity in pregnant people, Denmark, January to March 2024

13-06-2024 - *Eurosurveillance*

We report an epidemic of parvovirus B19 infections in Denmark during the first quarter of 2024, with a peak incidence 3.5 times higher than during the most recent epidemic in 2017. In total, 20.1% (130/648) of laboratory-confirmed cases were pregnant. Severe adverse outcomes were observed among 12.3% (16/130) of pregnant people and included foetal anaemia, foetal hydrops and miscarriage. [Read more...](#)

6. Increase of pertussis cases in the Vallès region, Catalonia, Spain, September 2023 to April 2024

13-06-2024 - *Eurosurveillance*

We describe a pertussis outbreak in the Valles region of Catalonia, from September 2023 to April 2024. Incidence was high in children aged 10-14 years compared with previous outbreaks. Limited impact in newborns could be explained by the high vaccination coverage during pregnancy and at 11 months of age in 2022, at 85% and 94.1 %, respectively. A third booster vaccine dose during ... [Read more...](#)

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FEMS Microbiology Reviews

1. Determinants of bacterial survival and proliferation in blood

10-06-2024 - *Oxford University Press*

Pierre Lê-Bury and others FEMS Microbiology Reviews , Volume 48, Issue 3, May 2024, fuae013, <https://doi.org/10.1093/femsre/fuae013> This review provides an overview of the key factors evolved by bacteria to subvert immune defenses triggered by bloodstream infection, highlighting a combination of specific and universal molecular mechanisms that could be targeted by future therapies. [Read more...](#)

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Infection

1. Infection episodes and islet autoantibodies in children at increased risk for type 1 diabetes before and during the COVID-19 pandemic

14-06-2024 - *Springer*

[Read more...](#)

2. Presentation, management, and outcomes of older compared to younger adults with hospital-acquired bloodstream infections in the intensive care unit: a multicenter cohort study

13-06-2024 - *Springer*

[Read more...](#)

3. Correction: Interleukin-6 as a critical inflammatory marker for early diagnosis of surgical site infection after spine surgery

13-06-2024 - *Springer*

[Read more...](#)

4. Low expression of the CCL5 gene and low serum concentrations of CCL5 in severe invasive group a streptococcal disease

12-06-2024 - *Springer*

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5. Clinical characteristics and outcomes in pseudomonas endocarditis: a systematic review of individual cases

10-06-2024 - Springer

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6. Clinical characteristics and outcomes of aortic prosthetic valve endocarditis: comparison between transcatheter and surgical bioprostheses

10-06-2024 - Springer

[Read more...](#)

7. Scaling and periorificial crusts in a pediatric patient

10-06-2024 - Springer

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8. Disseminated septic arthritis caused by Ureaplasma urealyticum in an immunocompromised patient with hypogammaglobulinemia after rituximab therapy

10-06-2024 - Springer

[Read more...](#)

9. Minocycline-induced black bone disease of the skull

10-06-2024 - Springer

[Read more...](#)

10. Genetic basis of antimicrobial resistance, virulence features and phylogenomics of carbapenem-resistant Acinetobacter baumannii clinical isolates

10-06-2024 - Springer

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International Journal of Infectious Diseases

1. Tuberculosis and diabetes mellitus: The complexity of the comorbid interactions

16-06-2024 - ScienceDirect

Publication date: Available online 15 June 2024Source: International Journal of Infectious

DiseasesAuthor(s): Augustine Asare Boadu, Michelle Yeboah-Manu, Stephen Osei-Wusu, Dorothy Yeboah-Manu [Read more...](#)

2. Expanding Technical Assistance: A call for a more nuanced approach for Sustainable HIV Programs in Sub-Saharan Africa

15-06-2024 - ScienceDirect

Publication date: Available online 14 June 2024Source: International Journal of Infectious

DiseasesAuthor(s): Tafadzwa Dzinamarira, Enos Moyo [Read more...](#)

3. Real-world evidence of sotrovimab effectiveness for preventing severe outcomes in patients with COVID-19: A quality improvement propensity matched retrospective cohort study of a pan-provincial program in Alberta, Canada

15-06-2024 - ScienceDirect

Publication date: Available online 14 June 2024Source: International Journal of Infectious

DiseasesAuthor(s): Gregory Farmer, Khokan C. Sikdar, TKT Lo, John Conly, Jeremy Slobodan, Jordan

Ross, Samantha James, Hussain Usman, Kyle Kemp, Kristi Baker, Karen Doucette, Cheri Nijssen-Jordan, Lynora M. Saxinger, A. Mark Joffe [Read more...](#)

4. Coxsackievirus A24 Causing Acute Conjunctivitis in a 2023 outbreak in Vietnam

14-06-2024 - *ScienceDirect*

Publication date: Available online 13 June 2024
Source: International Journal of Infectious Diseases
Author(s): Huy Tran, Thao Ha, Linh Hoang, Yen Tran, Kevin Ruder, Lina Zhong, Cindi Chen, YuHeng Liu, Danny Yu, Thomas Abraham, Armin Hinterwirth, Michael Deiner, Travis C. Porco, Thomas M. Lietman, Thuy Doan, Gerami D. Seitzman, Lalitha Prajna, N. Venkatesh Prajna, Ramesh Gunasekaran, ...
[Read more...](#)

5. Efficacy and Safety of Vaccines to Prevent Respiratory Syncytial Virus Infection in Infants and Older Adults: A Systematic Review and Meta-analysis

14-06-2024 - *ScienceDirect*

Publication date: Available online 13 June 2024
Source: International Journal of Infectious Diseases
Author(s): Baoqi Zeng, Xiaozhi Liu, Qingqing Yang, Junjian Wang, Qingcui Ren, Feng Sun [Read more...](#)

6. No evidence of Monkeypox virus (MPXV) circulation in putative animal reservoirs in Gabon wildlife

14-06-2024 - *ScienceDirect*

Publication date: Available online 13 June 2024
Source: International Journal of Infectious Diseases
Author(s): Nadine N'dilimabaka, Laurgie Sulchérine Midanga Mougnoke, Joa Braïthe Mangombi-Pambou, Danielle Styvie Koumba Mavoungou, Linda Bohou Koumba, Schedy Koumba Moukouama, Ingrid Precylia Koumba Koumba, Florence Fenollar, Placid Mbala, Gaël Daren Maganga, Sonia Etenna Lekana-Douki, ... [Read more...](#)

7. Lack of selection of antimalarial drug resistance markers after intermittent preventive treatment of schoolchildren (IPTsc) against malaria in northeastern Tanzania

14-06-2024 - *ScienceDirect*

Publication date: Available online 13 June 2024
Source: International Journal of Infectious Diseases
Author(s): Frederik VonWowern, Geoffrey Makenga, Sarah WellmannThomsen, Louise WellmannThomsen, Emma FiltenborgHocke, Vito Baraka, Benjamin H. Opot, Daniel T.R. Minja, John P.A. Lusingu, Jean-Pierre Van-geertruyden, Helle Hansson, Michael Alifrangis [Read more...](#)

8. Corrigendum to “Microbial aetiology of community-acquired pneumonia in hospitalised adults: A prospective study utilising comprehensive molecular testing” [International Journal of Infectious Diseases 143 (2024) 107019]

12-06-2024 - *ScienceDirect*

Publication date: September 2024
Source: International Journal of Infectious Diseases, Volume 146
Author(s): Dagfinn Lunde Markussen, Øyvind Kommedal, Siri Tandberg Knoop, Marit Helen Ebbesen, Rune Oskar Bjørneklett, Christian Ritz, Lars Heggelund, Elling Ulvestad, Sondre Serigstad, Harleen M.S. Grewal [Read more...](#)

9. Opportunistic population screening as a hepatitis elimination strategy: The CRIVALVIR-FOCUS program

11-06-2024 - *ScienceDirect*

Publication date: Available online 11 June 2024
Source: International Journal of Infectious Diseases
Author(s): Enrique Ortega Gonzalez, María Dolores Ocete Mochón, Concepción Gimeno Cardona, María Martínez Roma, Moisés Diago Madrid, Neus Gómez Muñoz, Alba Carrodegua, José Luis González-Sánchez, Miguel García Deltoro [Read more...](#)

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Journal of Clinical Microbiology

1. Generation of recombinant viruses directly from clinical specimens of COVID-19 patients

14-06-2024 - *American Society for Microbiology*

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

2. CDC Triplex diagnostic assay underperforms in detection of circulating Chikungunya West African genotype

13-06-2024 - *American Society for Microbiology*

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

3. Headache, dizziness, and leg weakness with multiple cerebral nodules

12-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Volume 62, Issue 6, June 2024. [Read more...](#)

4. Answer to June 2024 Photo Quiz

12-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Volume 62, Issue 6, June 2024. [Read more...](#)

5. The Brief Case: Yeast, chlamydospores, and hyphae—a case of disseminated mucormycosis

12-06-2024 - *American Society for Microbiology*

Journal of Clinical Microbiology, Volume 62, Issue 6, June 2024. [Read more...](#)

6. Performance of rapid on-site evaluation of touch imprints of bronchoscopic biopsies or lung tissue biopsies for the diagnosis of invasive pulmonary filamentous fungi infections in non-neutropenic patients

10-06-2024 - *American Society for Microbiology*

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

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Journal of Hospital Infection

1. Architectural interventions to mitigate the spread of SARS-CoV-2 in emergency departments

15-06-2024 - *Journal of Hospital Infection*

Emergency departments (EDs) are a critical entry gate for infectious agents into hospitals. In this interdisciplinary study, we explore how infection prevention and control (IPC) architectural interventions mitigate the spread of emerging respiratory pathogens using the example of SARS-CoV-2 in a prototypical ED. [Read more...](#)

2. Salvage strategy for long-term central venous catheter-associated *Staphylococcus aureus* infections in children: a multicenter retrospective study in France

14-06-2024 - *Journal of Hospital Infection*

Catheter removal is recommended in adults with *S. aureus* central line-associated bloodstream infection (CLABSI) but is controversial in children with long-term central venous catheters (LTCVC). We evaluated the occurrence of catheter salvage strategy (CSS) in children with *S. aureus* LTCVC-associated CLABSI and assessed determinants of CSS failure. [Read more...](#)

3. “Impact of the introduction of the national antimicrobial stewardship standard across Queensland Health hospitals: Ecological observational study exploring patterns of antimicrobial use.”

14-06-2024 - *Journal of Hospital Infection*

Antimicrobial stewardship programs are a critical tool for addressing the rising threat of antimicrobial resistance. [Read more...](#)

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Journal of Infection

1. Reconstructive Breast Implant–Related Infections: Prevention, Diagnosis, Treatment, and Pearls of Wisdom

13-06-2024 - *Elsevier*

Implant-based reconstructions are increasingly utilized following mastectomy in the prevention and treatment of breast cancer. However, these implants are associated with a high rate of infection, which is a major complication that can lead to implant removal, delay in adjuvant radiation and chemotherapy, and increase in health care costs. Early clinical signs and symptoms of infection, ... [Read more...](#)

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Journal of Medical Microbiology

1. Levels of 5 α -reductase gene in intestinal lavage fluid decrease with progression of colorectal cancer

12-06-2024 - *Microbiology Society*

Introduction. Colorectal cancer (CRC) is a leading cause of cancer deaths, closely linked to the intestinal microbiota and bile acid metabolism. Secondary bile acids, like deoxycholic and lithocholic acid, are associated with increased CRC risk due to their disruption of vital cellular functions. In contrast, isoallothiocholic acid (isoalloLCA) shows potential health benefits, ... [Read more...](#)

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The Lancet

1. [Review] Persistent physical symptoms: definition, genesis, and management

14-06-2024 - *Elsevier*

Persistent physical symptoms (synonymous with persistent somatic symptoms) is an umbrella term for distressing somatic complaints that last several months or more, regardless of their cause. These symptoms are associated with substantial disability and represent a major burden for patients, health-care professionals, and society. Persistent physical symptoms can follow infections, injuries, ... [Read more...](#)

2. [Department of Error] Department of Error

24-05-2024 - *Elsevier*

Thornton J. Infected blood report release marks a day of shame for the UK. *Lancet* 2024 403: 2276–77—In this World Report, the included photograph, caption and copyright has been replaced. This change has been made to the online version as of May 24, 2024. [Read more...](#)

3. [Seminar] Hypopituitarism

09-05-2024 - *Elsevier*

Partial or complete deficiency of anterior or posterior pituitary hormone production leads to central hypoadrenalism, central hypothyroidism, hypogonadotropic hypogonadism, growth hormone deficiency, or arginine vasopressin deficiency depending on the hormones affected. Hypopituitarism is rare and likely to be underdiagnosed, with an unknown but rising incidence and prevalence. [Read more...](#)

The Lancet: Global Health

1. [Articles] Doxycycline for the treatment of nodding syndrome: a randomised, placebo-controlled, phase 2 trial

12-06-2024 - Elsevier

Nodding syndrome is strongly associated with O volvulus and the pathogenesis is probably mediated through an O volvulus induced autoantibody response to multiple proteins. Although it did not reverse disease symptoms, doxycycline or another prophylactic antibiotic could be considered as adjunct therapy to antiseizure medication, as it might reduce fatal complications from acute seizures and ... [Read more...](#)

2. [Health Policy] Diagnostic yield as an important metric for the evaluation of novel tuberculosis tests: rationale and guidance for future research

12-06-2024 - Elsevier

Better access to tuberculosis testing is a key priority for fighting tuberculosis, the leading cause of infectious disease deaths in people. Despite the roll-out of molecular WHO-recommended rapid diagnostics to replace sputum smear microscopy over the past decade, a large diagnostic gap remains. Of the estimated 10·6 million people who developed tuberculosis globally in 2022, ... [Read more...](#)

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Microbiology and Molecular Biology Reviews

1. An in-depth exploration of the multifaceted roles of EVs in the context of pathogenic single-cell microorganisms

13-06-2024 - American Society for Microbiology

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

2. The biology and pathogenicity of Clostridium perfringens type F: a common human enteropathogen with a new(ish) name

12-06-2024 - American Society for Microbiology

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

3. Bacterial cell volume regulation and the importance of cyclic di-AMP

10-06-2024 - American Society for Microbiology

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

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Morbidity and Mortality Weekly Report

1. Firearm Storage Behaviors — Behavioral Risk Factor Surveillance System, Eight States, 2021–2022

13-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes firearm storage behaviors reported through the Behavior Risk Factor Surveillance System survey. [Read more...](#)

2. Migration from Epi Info to District Health Information Software 2 for Vaccine-Preventable Disease Surveillance — World Health Organization African Region, 2019–2023

13-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes the implementation of the District Health Information Software 2 platform, a free and open-source software platform for electronic IDSR and case-based surveillance reporting, in the WHO African Region. [Read more...](#)

3. Notes from the Field: Rapid Linkage of a Salmonella Livingstone Outbreak to a Restaurant, Using Open-Ended Interviews and Patient Purchase Histories — Utah, 2023–2024

13-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes the rapid identification and response to cases of Salmonella Livingstone infections linked to a Utah restaurant. [Read more...](#)

4. Notes from the Field: Toxigenic *Corynebacterium ulcerans* in Humans and Household Pets — Utah and Colorado, 2022–2023

13-06-2024 - Centers for Disease Control and Prevention (CDC) (USA)

This report describes investigations in Utah and Colorado that found transmission of *Corynebacterium ulcerans* between humans and household pets occurred, although the direction of transmission could not be determined. [Read more...](#)

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Nature Reviews Microbiology

1. A virus hastens ageing in flies

14-06-2024 - Nature

Nature Reviews Microbiology, Published online: 14 June 2024 doi:10.1038/s41579-024-01070-w In this study, Niggs et al. show that *Drosophila A* virus infection modulates epithelial turnover in the intestine of *Drosophila melanogaster*, promoting premature intestinal dysplasia and reducing fly lifespan. [Read more...](#)

2. Supra-structures to target lipid II

12-06-2024 - Nature

Nature Reviews Microbiology, Published online: 11 June 2024 doi:10.1038/s41579-024-01066-6 This study reports that plectasin uses a supramolecular antimicrobial mode of action, whereby the oligomerized peptide sequesters lipid II. [Read more...](#)

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NEJM Journal Watch: Infectious Diseases

1. The Continued Promise of Long-Acting Injectable Therapy for HIV Treatment

14-06-2024 - Massachusetts Medical Society

In the African CARES trial, long-acting injectable therapy was noninferior to continued oral therapy. [Read more...](#)

2. A Message from Raja-Elie Abdunour, MD, NEJM Journal Watch Editor-in-Chief

13-06-2024 - Massachusetts Medical Society

Today's medical professionals need relevant, trusted, and timely medical information more than ever. [Read more...](#)

3. Expanding Long-Acting ART and Long-Acting PrEP to a Low-Barrier HIV Treatment Setting

12-06-2024 - Massachusetts Medical Society

Investigators describe their pilot program to utilize LA-ART and LA-PrEP for persons experiencing homelessness at a community health center. [Read more...](#)

4. Observations from ID and Beyond: The Mysteries and Challenges of the RPR — and a Proposed Clinical Trial

12-06-2024 - Massachusetts Medical Society

Dr. Paul Sax discusses the mysteries and challenges of the rapid plasma reagin in the management of syphilis in HIV and ID Observations. [Read more...](#)

5. Pathophysiology of Fatal Chikungunya Virus Infection

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6. BK-Virus–Specific T Cells: A Potential Treatment for Progressive Multifocal Leukoencephalopathy

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1. The real-time infection hospitalisation and fatality risk across the COVID-19 pandemic in England

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Author Names: Ward T., Fyles M., Glaser A., Paton R.S., Ferguson W., Overton C.E. Database Source: Embase Weekly Updates Journal Title: Nature Communications, Nature Communications Article Title: The real-time infection hospitalisation and fatality risk across the COVID-19 pandemic in England Year: 2024 Issue: 1 Volume: 15 Abstract: The COVID-19 pandemic led to 231,841 deaths and 940, ... [Read more...](#)

2. The role of melatonin in preventing amiodarone-induced rat liver damage

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Author Names: Petrovic D., Ilic M.D., Simonovic D., Stojanovic M., Stankovic M., Stanisic S., Stojanovic S., Arsic N., Sokolovic D.T. Database Source: Embase Weekly Updates Journal Title: Canadian journal of physiology and pharmacology Article Title: The role of melatonin in preventing amiodarone-induced rat liver damage Year: 2024 Issue: 6 Volume: 102 Abstract: Long-term exposure to amiodarone, ... [Read more...](#)

3. Examining the stability of viral RNA and DNA in wastewater: Effects of storage time, temperature, and freeze-thaw cycles

16-06-2024 - Ovid

Author Names: Williams R.C., Perry W.B., Lambert-Slosarska K., Fitcher B., Pellett C., Richardson-O'Neill I., Paterson S., Grimsley J.M.S., Wade M.J., Weightman A.J., Farkas K., Jones D.L. Database Source: Embase Weekly Updates Journal Title: Water Research, Water Research Article Title: Examining the stability of viral RNA and DNA in wastewater: Effects of storage time, temperature, ... [Read more...](#)

4. A comprehensive qualitative investigation of the factors that affect surgical site infection prevention in cardiac surgery in England using observations and interviews

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Author Names: Tanner J., Brierley Jones L., Westwood N., Rochon M., Wloch C., Vaja R., Rogers L.J., Dearling J., Wilson K., Kirmani B.H., Bhudia S.K., Rajakaruna C., Petrou M., Bailes L., Jawarchan A., Baker M., Murphy

G.J. Database Source: Embase Weekly Updates Journal Title: Journal of Hospital Infection,Journal of Hospital Infection Article Title: A comprehensive qualitative investigation of the factors ... [Read more...](#)

5. Genomic analysis of an outbreak of Shiga toxin-producing Escherichia coli O183:H18 in the United Kingdom, 2023

16-06-2024 - Ovid

Author Names: Greig D.R.,Quinn O.I.,Rodwell E.V.,Olonade I.,Swift C.,Douglas A.,Balasegram S.,Jenkins C. Database Source: Embase Weekly Updates Journal Title: Microbial Genomics Article Title: Genomic analysis of an outbreak of Shiga toxin-producing Escherichia coli O183:H18 in the United Kingdom, 2023 Year: 2024 Issue: 5 Volume: 10 Abstract: In June 2023, UKHSA surveillance systems detected ... [Read more...](#)

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

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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 Article Title: Emergency department attendances and inpatient admissions due to mpox infection, England, 2022 Year: 2024 Issue: Volume: Abstract: OBJECTIVES: In 2022, a global outbreak of mpox was reported. [Read more...](#)

7. A scoping review of behavioural science approaches and frameworks for health protection and emergency response

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Author Names: Zelenka Martin A.,Weston D.,Kesten J.M.,French C.E. Database Source: Embase Daily Updates Journal Title: Perspectives in Public Health,Perspectives in Public Health Article Title: A scoping review of behavioural science approaches and frameworks for health protection and emergency response Year: 2024 Issue: Volume: Abstract: Aims: Rapid intervention development, implementation, ... [Read more...](#)

8. Herbal products versus antibiotics for urinary tract infections-analysis of patient attitudes

16-06-2024 - Ovid

Author Names: Jovanovic A.,Drobac M.,Vidovic B.,Pavlovic D.,Krajnovic D.,Tadic I. Database Source: Embase Weekly Updates Journal Title: Journal of Herbal Medicine,Journal of Herbal Medicine Article Title: Herbal products versus antibiotics for urinary tract infections-analysis of patient attitudes Year: 2024 Issue: Volume: 46 Abstract: Introduction: Urinary tract infections (UTIs) are one of ... [Read more...](#)

9. Enantiospecific crystallisation behaviour of malic acid in mechanochemical reactions with vinpocetine

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Author Names: D'Abbrunzo I.,Birolo R.,Chierotti M.R.,Bucar D.-K.,Voinovich D.,Perissutti B.,Hasa D. Database Source: Embase Weekly Updates Journal Title: European Journal of Pharmaceutics and Biopharmaceutics,European Journal of Pharmaceutics and Biopharmaceutics Article Title: Enantiospecific crystallisation behaviour of malic acid in mechanochemical reactions with vinpocetine Year: 2024 ... [Read more...](#)

10. Advancing HER2-low breast cancer management: enhancing diagnosis and treatment strategies

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Author Names: Borstnar S.,Bozovic-Spasojevic I.,Cvetanovic A.,Plavetic N.D.,Konsoulova A.,Matos E.,Popovic L.,Popovska S.,Tomic S.,Vrdoljak E. Database Source: Embase Daily Updates Journal Title:

Radiology and oncology Article Title: Advancing HER2-low breast cancer management: enhancing diagnosis and treatment strategies Year: 2024 Issue: 2 Volume: 58 Abstract: BACKGROUND: Recent evidence ... [Read more...](#)

11. Mechanisms of cholera transmission via environment in India and Bangladesh: state of the science review

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Author Names: Shackleton D.,Memon F.A.,Nichols G.,Phalkey R.,Chen A.S. Database Source: Embase Weekly Updates Journal Title: Reviews on environmental health Article Title: Mechanisms of cholera transmission via environment in India and Bangladesh: state of the science review Year: 2024 Issue: 2 Volume: 39 Abstract: OBJECTIVES: Cholera has a long history in India and Bangladesh, ... [Read more...](#)

12. Improving healthcare professionals' interactions with patients to tackle antimicrobial resistance: a systematic review of interventions, barriers, and facilitators

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Author Names: Ayorinde A.,Ghosh I.,Shaikh J.,Adetunji V.,Brown A.,Jordan M.,Gilham E.,Todkill D.,Ashiru-Oredope D. Database Source: Embase Weekly Updates Journal Title: Frontiers in public health Article Title: Improving healthcare professionals' interactions with patients to tackle antimicrobial resistance: a systematic review of interventions, barriers, and facilitators Year: 2024 Issue: ... [Read more...](#)

13. Impact of rotavirus vaccination on diarrheal disease burden of children in South America

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Author Names: Bose T.,Borrow R.,Arkwright P.D. Database Source: Embase Weekly Updates Journal Title: Expert Review of Vaccines,Expert Review of Vaccines Article Title: Impact of rotavirus vaccination on diarrheal disease burden of children in South America Year: 2024 Issue: 1 Volume: 23 Abstract: Introduction: Rotavirus is a leading cause of severe diarrheal disease and death in children ... [Read more...](#)

14. Global Consensus Recommendations on Improving the Safety of Chronic Total Occlusion Interventions

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Author Names: Wu E.B.,Kalyanasundaram A.,Brilakis E.S.,Mashayekhi K.,Tsuchikane E.,Rafeh N.A.,Agostoni P.,Alaswad K.,Araya M.,Avran A.,Ayoub M.,Azzalini L.,Babunashvili A.M.,Bayani B.,Behnes M.,Bhindi R.,Boudou N.,Boukhris M.,Bozinovic N.Z.,Bryniarski L.,Bufe A.,Buller C.E.,Burke M.N.,Buettner H.J.,Cardoso P.,Carlino M.,Chan C.-K.,Chen J.,Christiansen E.H.,Colombo A.,Croce K. [Read more...](#)

15. A natural experiment during lockdown and on-going care-home COVID-19 outbreaks showed a single dose of vaccine reduced hospitalisation and deaths of care-home residents in North West England

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Author Names: Ghebrehewet S.,Stewart A.G.,MacPherson P. Database Source: Embase Weekly Updates Journal Title: Public Health,Public Health Article Title: A natural experiment during lockdown and on-going care-home COVID-19 outbreaks showed a single dose of vaccine reduced hospitalisation and deaths of care-home residents in North West England Year: 2024 Issue: Volume: 233 Abstract: Objective: ... [Read more...](#)

16. Convalescent human plasma candidate reference materials protect against Crimean-Congo haemorrhagic fever virus (CCHFV) challenge in an A129 mouse model

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Author Names: Kempster S.,Hassall M.,Graham V.,Kennedy E.,Findlay-Wilson S.,Salguero F.J.,Bagci B.,Elaldi N.,Oz M.,Tasseten T.,Charlton F.W.,Barr J.N.,Fontana J.,Duru C.,Ezeajughi E.,Matejtschuk P.,Arnold U.,Adedeji Y.,Mirazimi A.,Hewson R.,Dowall S.,Almond N. Database Source: Embase Weekly

Updates Journal Title: Virus Research, Virus Research Article Title: Convalescent human plasma candidate ... [Read more...](#)

17. A UK framework for the assessment and integration of different scientific evidence streams in chemical risk assessment

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Author Names: Doerr B., Botham P., Clare G., Gott D., Gowers A., Guercio V., Gunter Kuhnle, Loizou G., Lovell D.P., Pearce N., Rushton L., Toledano M., Wallace H.M., Boobis A.R. Database Source: Embase Weekly Updates Journal Title: Regulatory Toxicology and Pharmacology, Regulatory Toxicology and Pharmacology Article Title: A UK framework for the assessment and integration of different scientific evidence ... [Read more...](#)

18. Presence of phage-plasmids in multiple serovars of Salmonella enterica

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Author Names: Nair S., Barker C.R., Bird M., Greig D.R., Collins C., Painset A., Chattaway M., Pickard D., Larkin L., Gharbia S., Didelot X., Ribeca P. Database Source: Embase Preprint Journal Title: bioRxiv Article Title: Presence of phage-plasmids in multiple serovars of Salmonella enterica Year: 2024 Issue: Volume: Abstract: Evidence is accumulating in the literature that the horizontal spread of ... [Read more...](#)

19. Medical staff monitoring in interventional cardiology: over apron dosimeter placement based on measurements and simulations

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Author Names: Ferrari P., Venturi G., Campani L., Mariotti F., Becker F., Jansen J., Jovanovic Z., Krstic D., Teles P. Database Source: Embase Weekly Updates Journal Title: Radiation protection dosimetry Article Title: Medical staff monitoring in interventional cardiology: over apron dosimeter placement based on measurements and simulations Year: 2024 Issue: 8 Volume: 200 Abstract: Interventional ... [Read more...](#)

20. Polyethylene terephthalate (PET) micro- and nanoplastic particles affect the mitochondrial efficiency of human brain vascular pericytes without inducing oxidative stress

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Author Names: Gettings S.M., Timbury W., Dmochowska A., Sharma R., McGonigle R., MacKenzie L.E., Miquelard-Garnier G., Bourbia N. Database Source: Embase Weekly Updates Journal Title: NanoImpact Article Title: Polyethylene terephthalate (PET) micro- and nanoplastic particles affect the mitochondrial efficiency of human brain vascular pericytes without inducing oxidative stress Year: 2024 Issue: ... [Read more...](#)

21. Monkeypox and orthopedic presentation: A consideration

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Author Names: Mungmunpantipantip R., Wiwanitkit V. Database Source: Embase Weekly Updates Journal Title: JMS - Journal of Medical Society, JMS - Journal of Medical Society Article Title: Monkeypox and orthopedic presentation: A consideration Year: 2023 Issue: 3 Volume: 37 Abstract: [Read more...](#)

22. Essential Oil Constituents as Anti-Inflammatory and Neuroprotective Agents: An Insight through Microglia Modulation

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Author Names: Stojanovic N.M., Randelovic P.J., Simonovic M., Radic M., Todorovic S., Corrigan M., Harkin A., Boylan F. Database Source: Embase Weekly Updates Journal Title: International Journal of Molecular Sciences, International Journal of Molecular Sciences Article Title: Essential Oil Constituents as Anti-Inflammatory and Neuroprotective Agents: An Insight through Microglia Modulation Year: ... [Read more...](#)

23. The laboratory investigation, management, and infection prevention and control of Candida auris: a narrative review to inform the 2024 national guidance update in England

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Author Names: Jones C.R.,Neill C.,Borman A.M.,Budd E.L.,Cummins M.,Fry C.,Guy R.L.,Jeffery K.,Johnson E.M.,Manuel R.,Mirfenderesky M.,Moore G.,Patel B.,Schelenz S.,Staniforth K.,Taori S.K.,Brown C.S. Database Source: Embase Weekly Updates Journal Title: Journal of Medical Microbiology,Journal of Medical Microbiology Article Title: The laboratory investigation, management, ... [Read more...](#)

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

25. The impact and cost-effectiveness of pneumococcal immunisation strategies for the elderly in England

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Author Names: Danelian G.,Burton L.,Bayley T.,Sanchez-Marroquin A.,Park J.,Manley H.,Choi Y.,Andrews N.,Ladhani S.,Earnshaw A.,Gritzfeld J.F.,Trotter C.,Panovska-Griffiths J. Database Source: Embase Weekly Updates Journal Title: Vaccine,Vaccine Article Title: The impact and cost-effectiveness of pneumococcal immunisation strategies for the elderly in England Year: 2024 Issue: 18 Volume: 42 ... [Read more...](#)

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

16-06-2024 - 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...](#)

27. Staphylococcus aureus population structure and the incidence of methicillin-resistant S. aureus (MRSA) and Panton-Valentine Leucocidin (PVL) toxin among cystic fibrosis patients in two CF centres

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Author Names: Kenna D.T.,Jones A.M.,Green H.,Farrell P.,Ganner M.,Ryan Y.,Smith M.,Edwards G.,Coelho J.,Turton J.F. Database Source: Embase Weekly Updates Journal Title: Journal of Cystic Fibrosis Article Title: Staphylococcus aureus population structure and the incidence of methicillin-resistant S. aureus (MRSA) and Panton-Valentine Leucocidin (PVL) toxin among cystic fibrosis patients in ... [Read more...](#)

28. Designing functionalized nanodiamonds with hyaluronic acid-phospholipid conjugates for enhanced cancer cell targeting and fluorescence imaging capabilities

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Author Names: Sturari S.,Andreana I.,Apra P.,Binoletto V.,Kopecka J.,Mino L.,Zurletti B.,Stella B.,Riganti C.,Arpicco S.,Piccolo F. Database Source: Embase Daily Updates Journal Title: Nanoscale Article Title: Designing functionalized nanodiamonds with hyaluronic acid-phospholipid conjugates for enhanced cancer cell targeting and fluorescence imaging capabilities Year: 2024 Issue: Volume: ... [Read more...](#)

29. Development and evaluation of test methods for the detection and enumeration of opportunistic waterborne pathogens from the hospital environment

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Author Names: Inkster T.,Caldwell I.,Aird H.,Willis C.,Lai S.,Mallon J. Database Source: Embase Weekly Updates Journal Title: Journal of Hospital Infection,Journal of Hospital Infection Article Title: Development and evaluation of test methods for the detection and enumeration of opportunistic waterborne pathogens from the hospital environment Year: 2024 Issue: Volume: 149 Abstract: ... [Read more...](#)

30. International travel as a risk factor for gastrointestinal infections in residents of North East England

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Author Names: Love N.K.,Jenkins C.,McCarthy N.,Baker K.S.,Manley P.,Wilson D. Database Source: Embase Weekly Updates Journal Title: Epidemiology and Infection,Epidemiology and Infection Article Title: International travel as a risk factor for gastrointestinal infections in residents of North East England Year: 2024 Issue: Volume: Abstract: International travel is thought to be a major risk ... [Read more...](#)

31. Effects of primary or secondary prevention with vitamin A supplementation on clinically important outcomes: A systematic review of randomised clinical trials with meta-analysis and trial sequential analysis

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Author Names: Bjelakovic G.,Nikolova D.,Bjelakovic M.,Pavlov C.S.,Sethi N.J.,Korang S.K.,Gluud C. Database Source: Embase Weekly Updates Journal Title: BMJ Open,BMJ Open Article Title: Effects of primary or secondary prevention with vitamin A supplementation on clinically important outcomes: A systematic review of randomised clinical trials with meta-analysis and trial sequential analysis ... [Read more...](#)

32. Temporal variations in international air travel: implications for modelling the spread of infectious diseases

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Author Names: Wardle J.,Bhatia S.,Cori A.,Nouvellet P. Database Source: Embase Weekly Updates Journal Title: Journal of Travel Medicine,Journal of Travel Medicine Article Title: Temporal variations in international air travel: implications for modelling the spread of infectious diseases Year: 2024 Issue: 4 Volume: 31 Abstract: Background: The international flight network creates multiple ... [Read more...](#)

33. Exploring real-world vancomycin target attainment in neonatal intensive care in the context of Staphylococcal infections: a retrospective observational cohort study

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Author Names: Blank M.,Wilson R.C.,Wan Y.,Peters J.,Davies F.,Tyszczyk L.,Pichon B.,Riezk A.,Demirjian A.,Brown C.S.,Gilchrist M.,Holmes A.H.,Rawson T.M. Database Source: Embase Weekly Updates Journal Title: Journal of Infection,Journal of Infection Article Title: Exploring real-world vancomycin target attainment in neonatal intensive care in the context of Staphylococcal infections: a ... [Read more...](#)

34. The HyperPed-COVID international registry: Impact of age of onset, disease presentation and geographical distribution on the final outcome of MIS-C

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Author Names: Caorsi R.,Consolaro A.,Speziani C.,Sozeri B.,Ulu K.,Faugier-Fuentes E.,Menchaca-Aguayo H.,Ozen S.,Sener S.,Akhter Rahman S.,Imnul Islam M.,Haerynck F.,Simonini G.,Mastri M.V.,Avcin T.,Srsen S.,de Albuquerque Pedrosa Fernandes T.,Stanevicha V.,Vojinovic J.,Sobh A.,Fingerhutova S.,Minxova L.,Gagro A.,Rodrigues Fonseca A.,Pandya D.,Varbanova B.,Sanchez-Manubens J.,Ganeva M.,Montin D. [Read more...](#)

35. 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 & 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: Volume: Abstract: BACKGROUND: Excess weight is ... [Read more...](#)

36. Non-pharmaceutical interventions to reduce COVID-19 transmission in the UK: a rapid mapping review and interactive evidence gap map

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Author Names: Duval D.,Evans B.,Sanders A.,Hill J.,Simbo A.,Kavoi T.,Lyell I.,Simmons Z.,Qureshi M.,Pearce-Smith N.,Arevalo C.R.,Beck C.R.,Bindra R.,Oliver I. Database Source: Embase Weekly Updates Journal Title: Journal of public health (Oxford, England) Article Title: Non-pharmaceutical interventions to reduce COVID-19 transmission in the UK: a rapid mapping review and interactive evidence ... [Read more...](#)

37. Using machine learning algorithms and techniques for defining the impact of affective temperament types, content search and activities on the internet on the development of problematic internet use in adolescents' population

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Author Names: Jovic J.,Corac A.,Stanimirovic A.,Nikolic M.,Stojanovic M.,Bukumiric Z.,Ignjatovic Ristic D. Database Source: Embase Weekly Updates Journal Title: Frontiers in public health Article Title: Using machine learning algorithms and techniques for defining the impact of affective temperament types, content search and activities on the internet on the development of problematic ... [Read more...](#)

38. First evidence on a general disease ("d") factor underlying psychopathology and physical illness in adolescents

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Author Names: Stevanovic D.,Cirovic N.,Cortese S.,Knez R.,Kerekes N. Database Source: Embase Weekly Updates Journal Title: European Child and Adolescent Psychiatry,European Child and Adolescent Psychiatry Article Title: First evidence on a general disease ("d") factor underlying psychopathology and physical illness in adolescents Year: 2024 Issue: Volume: Abstract: The coexistence of mental ... [Read more...](#)

39. Capturing carbon dioxide from air with charged-sorbents

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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: Volume: Abstract: Emissions reduction and greenhouse gas removal ... [Read more...](#)

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