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.

Please note: UKHSA KLS has created a page of resources about the coronavirus, which is available here.

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.

We do not accept responsibility for the availability or reliability of the items of content included in this alert and their inclusion is not an endorsement of any views that may be expressed.

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- Clinical Infectious Diseases - Advance Access - 10
- Clinical Microbiology and Infection - 9
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- Diagnostic Microbiology and Infectious Disease - 6
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- Nature Reviews Microbiology - Current Issue - 2
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NICE Alerts on infection related topics
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UKHSA affiliation
Infection-related journals

American Journal of Infection Control

The impact of the COVID-19 pandemic on Gram-negative bacteria susceptibility patterns in respiratory samples of intensive care units in the Brussels Capital Region, 2010-2021
29 Aug 2023
The effect of the Coronavirus Disease 2019 (COVID-19) pandemic on gram-negative bacteria (GNB) non-susceptibility to antibiotics is unclear.

Clinical Infectious Diseases - Advance Access

Correction to: Transmission of Carbapenem-Resistant Enterobacterales in an Overcrowded Emergency Department: Controlling the Spread to the Hospital
01 Sep 2023
Emerging Roles of (1→3)-β-D-glucan in Cerebrospinal Fluid for Detection and Therapeutic Monitoring of Invasive Fungal Diseases of the Central Nervous System
31 Aug 2023
Reflex Hepatitis C Virus Viral Load Testing Following an Initial Positive Hepatitis C Virus Antibody Test: A Global Systematic Review and Meta-analysis
30 Aug 2023
Comparison of bivalent and monovalent mRNA vaccine boosters
30 Aug 2023
Clinical Outcomes and Management of NAAT-Positive/Toxin-Negative Clostridioides difficile Infection: A Systematic Review and Meta-analysis
30 Aug 2023
The Socio-Economic and Demographic Risk Factors for SARS-CoV-2 Seropositivity Among Healthcare Workers in a UK Hospital: A Prospective Cohort Study
30 Aug 2023
ECMO-Dependent Fulminant Melioidosis from Caspase 4 Mutation Reversed by Interferon Gamma Therapy
30 Aug 2023
Individualized antibiotic plans as a quality improvement initiative to reduce carbapenem use for hematopoietic cell transplant patients at a freestanding pediatric hospital
30 Aug 2023
Correction to: The 2023 Duke-International Society for Cardiovascular Infectious Diseases Criteria for Infective Endocarditis: Updating the Modified Duke Criteria
29 Aug 2023
Clinical Microbiology and Infection

**Antibody responses to rVSV-ZEBOV vaccination for Ebola virus disease across doses and continents: five-year durability**
03 Sep 2023
Publication date: Available online 3 September 2023
Source: Clinical Microbiology and Infection
Author(s): Angela Huttner, Selidji Todagbe Agnandji, Olivier Engler, Jay W. Hooper, Steve Kwilas, Keersten Ricks, Tamara L. Clements, Hulda R. Jonsdottir, Sravya Sowdamin Nakka, Sylvia Rothenberger, Peter Kremsner, Roland Züst, Donata Medaglini, Tom Ottenhoff, Ali M

**Respiratory syncytial virus in adults with comorbidities: an update on epidemiology, vaccines, and treatments**
03 Sep 2023
Publication date: Available online 2 September 2023
Source: Clinical Microbiology and Infection
Author(s): Donia Bouzid, Benoit Visseaux, Valentine Marie Ferré, Nathan Peiffer-Smadja, Quentin Le Hingrat, Paul Loubet

**Genetic characterization of KPC-producing Klebsiella pneumoniae isolates with different susceptibility to ceftazidime/avibactam in patients with blood stream infections**
01 Sep 2023
Publication date: Available online 31 August 2023
Source: Clinical Microbiology and Infection
Author(s): Flavia Badalucco Ciotta, Francesca Saluzzo, Alessandra Pescò, Federico Di Marco, Silvia Carletti, Marco Ripa, Nicasio Mancini, Daniela Maria Cirillo, Antonella Castagna, Chiara Oltolini

**Rituals and behaviours in the operating theatre and preventing infection. Using the evidence and consensus opinion to provide practical advice.**
01 Sep 2023
Publication date: Available online 1 September 2023
Source: Clinical Microbiology and Infection
Author(s): Hilary Humphreys, Aggie Bak, Elisabeth Ridgway, A. Peter R. Wilson, Margreet C. Vos, Kate Woodhead, Claire Hall, Deborah Xuereb, Joanna M. Walker, Jennifer Bostock, Gemma L. Marsden, Thomas Pinkney, Rashmi Kumar, Peter Hoffman

**Bacteremia with gram positive bacteria - when and how do I need to look for endocarditis?**
01 Sep 2023
Publication date: Available online 1 September 2023
Source: Clinical Microbiology and Infection
Author(s): Magnus Rasmussen, Pattrik Gilje, Erika Fagman, Andreas Berge

**Profuse diarrhoea in an immunocompetent returning traveller**
31 Aug 2023
Publication date: Available online 30 August 2023
Source: Clinical Microbiology and Infection
Author(s): Alireza Abdolrasouli, Christopher D. Cousins

**Which trial do we need? A sequential multiple Assignment randomized trial to determine the optimal Clostridioides difficile treatment sequence**
30 Aug 2023
Publication date: Available online 29 August 2023
Source: Clinical Microbiology and Infection
Author(s): Joffrey van Prehn, Cornelis H. van Werkhoven, Andrew M. Skinner, Benoit Guery, Erik R. Dubberke, Ed J. Kuijper
Development of phage resistance in multidrug-resistant Klebsiella pneumoniae is associated with reduced virulence: A case report of a personalised phage therapy

30 Aug 2023
Publication date: Available online 29 August 2023Source: Clinical Microbiology and InfectionAuthor(s): Jianhui Li, Bo Yan, Bin He, Lisha Li, Xin Zhou, Nannan Wu, Qingming Wang, Xiaokui Guo, Tongyu Zhu, Jinhong Qin

ESCMID guidelines on diagnosis and treatment of brain abscess in children and adults

29 Aug 2023
Publication date: Available online 29 August 2023Source: Clinical Microbiology and InfectionAuthor(s): Jacob Bodilsen, Quintino Giorgio D’Alessandris, Hilary Humphreys, Mildred A. Iro, Matthias Klein, Katharina Last, Inmaculada López Montesinos, Pasquale Pagliano, Oğuz Reşat Sipahi, Rafael San-Juan, Pierre Tattevin, Majda Thurnher, Rogelio de J. Treviño-Rangel, Matthijs C

Current Opinion in Microbiology

Bacteriophage communities are a reservoir of unexplored microbial diversity in neonatal health and disease

29 Aug 2023
Publication date: October 2023Source: Current Opinion in Microbiology, Volume 75Author(s): Gregory R Young, Andrew Nelson, Christopher J Stewart, Darren L Smith

Current Opinion in Virology

The more the merrier? Gene duplications in the coevolution of primate lentiviruses with their hosts

30 Aug 2023
Publication date: October 2023Source: Current Opinion in Virology, Volume 62Author(s): Martin Müller, Daniel Sauter

Antigenic evolution of SARS coronavirus 2

29 Aug 2023
Publication date: October 2023Source: Current Opinion in Virology, Volume 62Author(s): Anna Z Mykytyn, Ron AM Fouchier, Bart L Haagmans

Diagnostic Microbiology and Infectious Disease

Introducing "Rapid phage susceptibility testing" (RPST): an accelerated lytic phage activity test for routine diagnostic laboratories within eight hours

03 Sep 2023
Publication date: Available online 3 September 2023Source: Diagnostic Microbiology and Infectious DiseaseAuthor(s): R. Skusa, J. Kohlen, A. Podbielski, P. Warnke

Quality of the sample based RNA determines the real time RT-PCR results in the laboratory diagnosis of COVID-19

03 Sep 2023
Publication date: Available online 2 September 2023Source: Diagnostic Microbiology and Infectious DiseaseAuthor(s): Sibra RM Shihab, Bushran N Iqbal, Shiyamalee Arunasalam, Faseeha Noordeen
Evaluation of two anti-SARS-CoV-2 antibody immunoassays for monitoring patients on pre-exposure prophylaxis
29 Aug 2023
Publication date: Available online 28 August 2023
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Camille Vellas, Chloé Dimeglio, Emma Joncour, Laetitia Staes, Thibaut Jamme, Marcel Miedougé, Isabelle Da-Silva, Marion Porcheron, Marion Miguere, Nassim Kamar, Jacques Izopet

COVID-19 in Brazil: A Three-Year Update
28 Aug 2023
Publication date: Available online 27 August 2023
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Jéssica Paula Martins, Bianca Aparecida Siqueira, Nathalia Mariana Santos Sansone, Fernando Augusto Lima Marson

Mixed (multiple-genotype) Helicobacter pylori infections in Bulgarian patients
28 Aug 2023
Publication date: Available online 27 August 2023
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Lyudmila Boyanova, Liliya Boyanova, Petyo Hadzhyski, Nayden Kandilarov, Daniel Yordanov, Raina Gergova, Rumyana Markova

Lemierre Syndrome: The Clinical Triad of Tonsillitis, Septic Thrombophlebitis, and Pulmonary Infiltrates
28 Aug 2023
Publication date: Available online 27 August 2023
Source: Diagnostic Microbiology and Infectious Disease
Author(s): Steven H. Yale, Halil Tekiner, Eileen S. Yale

Emerging Infectious Diseases Journal - ahead of print

Mpx in Children and Adolescents during Multicountry Outbreak, 2022–2023
30 Aug 2023
A. Hoxha et al.

Community Outbreak of Pseudomonas aeruginosa Infections Associated with Contaminated Piercing Aftercare Solution, Australia, 2021
30 Aug 2023
B. T. Trevitt et al.

Characteristics of and Deaths among 333 Persons with Tuberculosis and COVID-19 in Cross-Sectional Sample from 25 Jurisdictions, United States
30 Aug 2023
S. A. Nabity et al.

Estimated Costs of 4-Month Pulmonary Tuberculosis Treatment Regimen, United States
30 Aug 2023
C. A. Winston et al.

Expansion of Invasive Group A Streptococcus M1UK Lineage in Active Bacterial Core Surveillance, United States, 2019–2021
28 Aug 2023
Y. Li et al.

Effects of COVID-19 on Maternal and Neonatal Outcomes and Access to Antenatal and Postnatal Care, Malawi
28 Aug 2023
L. Mndala et al.
Emergence of SARS-CoV-2 Delta Variant and Effect of Nonpharmaceutical Interventions, British Columbia, Canada
28 Aug 2023
Y. Chan et al.

Estimate of COVID-19 Deaths, China, December 2022–February 2023
28 Aug 2023
Z. Du et al.

Eurosurveillance latest updates

Job vacancy at the European Centre for Disease Prevention and Control (ECDC)
31 Aug 2023

Reversed urban–rural gradient in COVID-19 seroprevalence and related factors in a nationally representative survey, Poland, 29 March to 14 May 2021
31 Aug 2023

Background We anticipated that people in rural areas and small towns with lower population density, lower connectivity and jobs less dependent on social interaction will be less exposed to COVID-19. Still, other variables correlated with socioeconomic inequalities may have a greater impact on transmission

Ongoing measles outbreaks in Romania, March 2023 to August 2023
31 Aug 2023

Measles cases have recently been increasing in Romania, with 460 confirmed cases by August 2023. From March 2023, measles cases increased, and outbreaks were recorded in Cluj, Bistrita Nasaud, Sibiu and Mures counties. New D8 virus variants were identified, different from the variants detected in Romania before the COVID-19 pandemic

Asymptomatic infection with clade 2.3.4.4b highly pathogenic avian influenza A(H5N1) in carnivore pets, Italy, April 2023
31 Aug 2023

In April 2023, an outbreak of clade 2.3.4.4b highly pathogenic avian influenza A(H5N1) viruses carrying the T271A mammalian adaptive mutation in the PB2 protein was detected in a backyard poultry farm in Italy. Five domestic dogs and one cat living on the premises had seroconverted in the absence of clinical signs

Infection

Characterization and diagnosis spectrum of patients with cerebrospinal fluid pleocytosis
01 Sep 2023

Abstract Purpose There is an overlap in the cerebrospinal fluid (CSF) characteristics of patients presenting with different etiologies of CSF pleocytosis. Here, we characterized patients with CSF pleocytosis treated in a large hospital

Efficacy of a novel patient-focused intervention aimed at increasing adherence to guideline-based preventive measures in asplenic patients: the PrePSS trial
01 Sep 2023

Abstract Purpose To determine whether a novel intervention improves the adherence to guideline-based preventive measures in asplenic patients at risk of post-splenectomy sepsis (PSS). Methods We used a prospective controlled, two-armed historical control group design to compare a novel, health action process approach (HAPA)-based telephonic intervention involving both patients and their
Laboratory and clinical management capacity for invasive fungal infections: the Italian landscape
01 Sep 2023
Abstract Background We assessed the laboratory diagnosis and treatment of invasive fungal disease (IFD) in Italy to detect limitations and potential for improvement. Methods The survey was available online at www.clinicalsurveys
Real-time, random-access organ screening for carbapenem-resistant organisms (CRO) reduces CRO-associated, donor-derived infection mortality in lung transplant recipients
31 Aug 2023
Abstract Purpose Donor-derived infection (DDI) has become an important factor affecting the prognosis of lung transplantation patients. The risks versus benefits of using donor organs infected with multidrug-resistant organisms (MDRO), especially carbapenem-resistant organisms (CRO), are frequently debated
Old foes following news ways?—Pandemic-related changes in the epidemiology of viral respiratory tract infections
29 Aug 2023
Abstract Introduction Following lockdown periods and restricting public health measures in response to the COVID-19 pandemic, respiratory tract infections (RTIs) rose significantly worldwide. This led to an increased burden on children’s hospitals compromising medical care of acutely and chronically ill children

International Journal of Infectious Diseases

Case report: Falsarthrobacter nasiphocae periprosthetic joint infection
03 Sep 2023
Publication date: Available online 3 September 2023Source: International Journal of Infectious DiseasesAuthor(s): Sun Tee Tay, Azhar Mahmood Merican, Kartini Abdul Jabar, Rukumani Velayuthan, Khairul Anwar Ayob, Jiang Lin Lee, Jennifer Chong, Rina Karunakaran
Bangladesh's 2023 Dengue outbreak – age/gender-related disparity in morbidity and mortality and geographic variability of epidemic burdens
03 Sep 2023
Publication date: Available online 1 September 2023Source: International Journal of Infectious DiseasesAuthor(s): Najmul Haider, Md Asaduzzaman, Mohammad Nayeem Hassan, Mahbubur Rahman, Ahmed Raihan Sharif, Shah Ali Akbar Ashrafi, Shui Shan Lee, Alimuddin Zumla
Erratum to “Assessing the effect of outer membrane permeabilization for potentiating the antibacterial activity of cefiderocol on pseudomonas aeruginosa” [International Journal of Infectious Diseases 134S1 (2023) Pages S12]
03 Sep 2023
Publication date: October 2023Source: International Journal of Infectious Diseases, Volume 135Author(s): L. Daoud, M.A. Alshamsi, S.M. AlNuaimi, A.I. Alhammadi, M.N. Alfadli, A.A. Alali, F. Al Marzooq
Presence of SARS-CoV-2 in middle ear fluid and characterization of otitis media with effusion in COVID-19 patients
01 Sep 2023
Publication date: Available online 1 September 2023Source: International Journal of Infectious DiseasesAuthor(s): Yue Fan, Ruzhen Gao, Yingying Shang, Xu Tian, Yang Zhao, Xingming Chen
Interpretation of molecular detection of avian influenza A virus in respiratory specimens collected from live bird market workers in Dhaka, Bangladesh: Infection or contamination?
30 Aug 2023
Publication date: Available online 29 August 2023
Source: International Journal of Infectious Diseases
Author(s): Dr. Md. Zakiul Hassan, Dr. Katharine Sturm-Ramirez, Dr. Md. Saiful Islam, Dr. Sadia Afreen, Dr. Mohammed Ziaur Rahman, Mohammad Abdullah Heel Kafi, Dr. Sukanta Chowdhury, Salah Uddin Khan, Dr. Mustafizur Rahman, Dr. Sharifa Nasreen, Dr. C. Todd Davis, Dr. Min Z

Molecular characterization and geographical distribution of Zika virus worldwide from 1947 to 2022
30 Aug 2023
Publication date: Available online 29 August 2023
Source: International Journal of Infectious Diseases
Author(s): Pirom Noisumdaeng, Worawat Dangsagul, Kantima Sangsiriwut, Jarunee Prasertsopon, Don Changsom, Sutee Yoksan, Pravech Ajawatanawong, Rome Buathong, Pilaipan Puthavathanha

Local budesonide therapy in the management of persistent hyposmia in suspected non-severe COVID-19 patients: Results of a randomized controlled trial
30 Aug 2023
Publication date: Available online 29 August 2023
Source: International Journal of Infectious Diseases
Author(s): Charlotte Hautefort, Alain Corré, Guillaume Poillon, Clément Jourdaine, Juliette Housset, Michael Eliezer, Benjamin Verillaud, Dorsaf Slama, Denis Ayache, Philippe Herman, Amélie Yavchitz, Jessica Guillaume, Camille Hervé, Wissame El Bakkouri, Dominique Salmon, Mary Daval

Early Life Surface Colonization with Multi-drug Resistant Organisms in the NICU
29 Aug 2023
Publication date: Available online 28 August 2023
Source: International Journal of Infectious Diseases
Author(s): Marcus Wing Choy Loe, Kee Thai Yeo

Prevalence and associated outcomes of co-infection between SARS-CoV-2 and influenza: a systematic review and meta-analysis
29 Aug 2023
Publication date: Available online 28 August 2023
Source: International Journal of Infectious Diseases
Author(s): Xiaolong Yan, Ke Li, Zhiqun Lei, Jiayao Luo, Qi Wang, Sheng Wei

Journal of Clinical Microbiology

Antimicrobial resistance profiles of Streptococcus suis isolated from pigs, wild boars, and humans in France between 1994 and 2020
01 Sep 2023
Journal of Clinical Microbiology, Ahead of Print.

Development of a rapid lateral flow assay for detection of anti-coccidioidal antibodies
01 Sep 2023
Journal of Clinical Microbiology, Ahead of Print.

Journal of Hospital Infection

Harnessing the real time location system for contact tracing in the busy emergency department
01 Sep 2023
With the persistent threat of emerging infectious diseases (EID), digital contact tracing (CT) tools can augment conventional CT for the prevention of healthcare-associated infectious disease transmissions. However, their performance has yet to be comprehensively evaluated in the fast-paced emergency department (ED).

**Association Between β-lactam Allergy Documentation and Outpatient Antibiotic Prescribing in Primary Healthcare Facilities in China**

31 Aug 2023

Penicillin allergy (Pen-A) and cephalosporin allergy (Cep-A), constituting β-lactam allergy (BL-A), reactions are reported by approximately 5%~15% and 2% of patients globally [1]. However, the majority of documented BL-A are unverified, with 95% of these patients proving to be non-allergic [2], but impelling unnecessary avoidance of first-line β-lactams therapy, while contributing to the

**Tailored positioning and number of hand rub dispensers: the fundamentals for optimized hand hygiene compliance**

31 Aug 2023

To carry out indication-based hand rub, availability of alcohol-based hand rub (ABHR) dispensers at positions adapted to the workflow of healthcare workers (HCW) is decisive. Although requirements and guidelines regarding positioning of ABHR dispensers are in place, scientific evidence is often lacking

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**Journal of Infection**

**Robust generation of neutralising antibodies against omicron variants following bivalent mRNA booster vaccine in elderly people aged >80 years**

01 Sep 2023

Dear Editor,

**Nasal mucosal IgA levels against SARS-CoV-2 and seasonal coronaviruses are low in children but boosted by reinfection**

01 Sep 2023

Repeated coronavirus infections in childhood drive progressive maturation of systemic immune responses into adulthood. Analyses of immune responses in children have focused primarily upon systemic assessment but the importance of mucosal immunity is increasingly recognised

**Longitudinal analysis of neutralization in sera from HCWs receiving 2 doses of Omicron BA.4/5-adapted bivalent vaccine**

31 Aug 2023

Dear editor,

**SARS-CoV-2–specific antibody and T-cell immunity in convalescents after infection wave in Beijing in late 2022**

29 Aug 2023

To evaluate SARS-CoV-2–specific antibody and T-cell responses in convalescents 5 months after infection wave in Beijing from December 2022 to January 2023 to prevent reinfection and severe disease.

**Differences caused by blood and secretion samples for the detection of Klebsiella pneumoniae using metagenomic next-generation sequencing: a comparative analysis**

29 Aug 2023

Dear Editors,
Caecum OX40+CD4+ T-cell subset associates with mucosal damage and key markers of disease in treated HIV-infection
03 Sep 2023
Publication date: Available online 2 September 2023
Source: Journal of Microbiology, Immunology and Infection
Author(s): Isaac Rosado-Sánchez, Inés Herrero-Fernández, Salvador Sobrino, Ana E. Carvajal, Miguel Genebat, Laura Tarancón-Díez, María del Carmen García-Guerrero, María del Carmen Puertas, Rocío M. de Pablos, Rocío Ruiz, Javier Martínez-Picado, Manuel Leal, Yolanda M. Pacheco

Prognostic factors for poor outcomes in patients with severe COVID-19 treated with remdesivir plus dexamethasone in Taiwan
03 Sep 2023
Publication date: Available online 1 September 2023
Source: Journal of Microbiology, Immunology and Infection
Author(s): Yi-Hsuan Lai, Yi-Chih Lee, I-Ren Chen, Shih-Neng Lin, Yuh-Lih Chang, Chih-Chia Lu, Ping-Feng Wu, Yi-Tsung Lin

Molecular characteristics and clinical features of Staphylococcus epidermidis healthcare-associated late-onset bacteremia among infants hospitalized in neonatal intensive care units
01 Sep 2023
Publication date: Available online 1 September 2023
Source: Journal of Microbiology, Immunology and Infection
Author(s): Yi-Hsuan Huang, Yu-Rou Yeh, Rey-In Lien, Ming-Chou Chiang, Yhu-Chering Huang

Coexistent diffuse large B-cell lymphoma and disseminated Mycobacterium avium complex infection in a person with AIDS
01 Sep 2023
Publication date: Available online 1 September 2023
Source: Journal of Microbiology, Immunology and Infection
Author(s): Tao-Hung Ou, Ming-Jui Tsai, Ta-Chuan Yu, Wang-Da Liu, Shang-Ju Wu, Chien-Ching Hung

Journal of Virology Current Issue

Isolation of ACE2-dependent and -independent sarbecoviruses from Chinese horseshoe bats
01 Sep 2023
Journal of Virology, Ahead of Print.

Boosting of vaginal HSV-2-specific B and T cell responses by intravaginal therapeutic immunization results in diminished recurrent HSV-2 disease
01 Sep 2023
Journal of Virology, Ahead of Print.

Virus hijacking of host epigenetic machinery to impair immune response
01 Sep 2023
Journal of Virology, Ahead of Print.

Lancet

[Correspondence] What constitutes high-quality evidence for malaria vector control?
01 Sep 2023
The 21st century has seen remarkable progress against malaria, particularly from 2005 to 2015. Although wide implementation of insecticide-treated mosquito nets and indoor residual spraying of insecticide, in African countries with a high burden, has resulted in an 80%
<table>
<thead>
<tr>
<th>Title</th>
<th>Date</th>
<th>Summary</th>
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<tbody>
<tr>
<td>Morbidity and Mortality Weekly Report (MMWR)</td>
<td></td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------</td>
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<tr>
<td>Nonfatal and Fatal Falls Among Adults Aged ≥65 Years - United States, 2020-2021</td>
<td>31 Aug 2023</td>
<td>This report describes the percentage of nonfatal and fatal falls among older adults during the previous year.</td>
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<td>Erratum: Vol. 71, No. 48</td>
<td>31 Aug 2023</td>
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<td>Possible Exposures Among Mpox Patients Without Reported Male-to-Male Sexual Contact - Six U.S. Jurisdictions, November 1-December 14, 2022</td>
<td>31 Aug 2023</td>
<td>This report describes possible mpox exposures among patients who did not report male-to-male sexual contact.</td>
</tr>
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<td>Outbreak of Multidrug-Resistant Tuberculosis - Kansas, 2021-2022</td>
<td>31 Aug 2023</td>
<td>This report describes a multidrug-resistant tuberculosis outbreak in Kansas.</td>
</tr>
<tr>
<td>Notes from the Field: Outbreak of Norovirus Illness Caused by Consumption of Oysters Harvested from Galveston Bay, Texas - November-December 2022</td>
<td>31 Aug 2023</td>
<td>This report describes an outbreak of norovirus in Texas associated with consumption of oysters.</td>
</tr>
<tr>
<td>QuickStats: Age-Adjusted Rates of Death Involving Exposure to Excessive Heat Among States with the Highest Numbers of Deaths - National Vital Statistics System, United States, 2021</td>
<td>31 Aug 2023</td>
<td>This report describes death rates involving exposure to excessive heat in states with the highest numbers of deaths.</td>
</tr>
</tbody>
</table>

Nature Reviews Microbiology - Current Issue

Disinfectants and antiseptics: mechanisms of action and resistance

Nature Reviews Microbiology, Published online: 30 August 2023; doi:10.1038/s41579-023-00958-3 In this Review, Maillard and Pascoe examine the mechanisms of action of biocides,
as well as the bacterial intrinsic and acquired resistance to these biocides and its implications in environmental and clinical settings.

The rapid emergence of antifungal-resistant human-pathogenic fungi
30 Aug 2023
Nature Reviews Microbiology, Published online: 30 August 2023; doi:10.1038/s41579-023-00960-9 In this Review, Lockhart, Chowdhary and Gold discuss the global emergence and spread of three emerging antifungal-resistant fungi: Candida auris, azole-resistant Aspergillus fumigatus and Trichophyton indotineae, with the common thread that all three are currently emerging across the globe and have a

Sexually Transmitted Infection Online First

Using infection prevalence, seroprevalence and case report data to estimate chlamydial infection incidence
30 Aug 2023
Objectives To measure the effectiveness of chlamydia control strategies, we must estimate infection incidence over time. Available data, including survey-based infection prevalence and case reports, have limitations as proxies for infection incidence. We therefore developed a novel method for estimating chlamydial incidence

HIV-1 DNA drug resistance testing to guide successful suppression of low-level viraemia: a case report
28 Aug 2023
A treatment-naive 10-year-old female patient living with HIV-1 infection started antiretroviral therapy (ART) in April 2018 with zidovudine+lamivudine+nevirapine, which was changed 19 months later to zidovudine+lamivudine+efavirenz. The HIV-1 RNA load ranged between 55 and 420 copies/mL between February 2020 and May 2021, and was 485 copies/mL in January 2022

NICE Alerts on infection related topics

NICE News

More people could be treated out of hospital this winter through new draft NICE guidance to help identify and manage acute respiratory infections
01 Sep 2023
More people could be treated out of hospital in the NHS’s new respiratory hubs and virtual wards following new NICE draft guidance on the initial assessment and management of suspected acute respiratory infections (ARIs) published today (Friday, 1 September). The draft guideline covers diagnosing and managing suspected ARIs, including pneumonia, respiratory viruses, and flu in adults

UKHSA affiliation

UKHSA affiliation (Sources)

Exploring the cost-effectiveness of high versus low perioperative fraction of inspired oxygen in the prevention of surgical site infections
among abdominal surgery patients in three low- and middle-income countries.

02 Sep 2023
Author Names: anonymous Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <September 01, 2023> Journal Title: BJA Open Article Title: Exploring the cost-effectiveness of high versus low perioperative fraction of inspired oxygen in the prevention of surgical site infections among abdominal surgery patients in three low- and middle-income countries

Building the evidence base for Integrated Disease Surveillance as a tool for strengthened health security.

02 Sep 2023
Author Names: Squires N, Hanefeld J, Sandifer Q Database Source: Ovid MEDLINE(R) Daily Update <September 01, 2023> Journal Title: Public Health Article Title: Building the evidence base for Integrated Disease Surveillance as a tool for strengthened health security. Year: 2023 Issue: Volume: 221 Abstract:

Refinement of an ovine-based immunoglobulin therapy against SARS-CoV-2, with comparison of whole IgG versus F(ab')2 fragments

02 Sep 2023

MULTI-SPECIALITY AND MULTI-AGENCY WORKING TO TACKLE THE EPIDEMIC OF SYPHILIS IN THE NORTH EAST

02 Sep 2023
Author Names: Viney R, Scurr K, Hussy J, Foster K. Database Source: Embase Weekly Updates Journal Title: Sexually Transmitted Infections Article Title: MULTI-SPECIALITY AND MULTI-AGENCY WORKING TO TACKLE THE EPIDEMIC OF SYPHILIS IN THE NORTH EAST Year: 2023 Issue: Supplement 1 Volume: 99 Abstract: Introduction Syphilis rates in the North East have been rising

Establishment of a Nipah Virus Disease Model in Hamsters, including a Comparison of Intranasal and Intraperitoneal Routes of Challenge

02 Sep 2023
Author Names: Findlay-Wilson S, Flett L, Salguero F J, Ruedas-Torres I, Fotheringham S, Easterbrook L, Graham V, Dowall S. Database Source: Embase Daily Updates Journal Title: Pathogens Pathogens Article Title: Establishment of a Nipah Virus Disease Model in Hamsters, including a Comparison of Intranasal and Intraperitoneal Routes of Challenge Year: 2023 Issue: 8 Volume: 1

HUMAN PAPILLOMAVIRUS (HPV) VACCINATION OF GBMSM: EVALUATION OF APPARENT MISSED OPPORTUNITIES ACROSS THREE URBAN SPECIALIST SEXUAL HEALTH SERVICES (SSHS)

02 Sep 2023
Author Names: Ratnappuli A, Slater L, Murphy C, Nguyen H, Sargent P, Soldan K. Database Source: Embase Weekly Updates Journal Title: Sexually Transmitted Infections Article Title: HUMAN PAPILLOMAVIRUS (HPV) VACCINATION OF GBMSM: EVALUATION OF APPARENT MISSED OPPORTUNITIES ACROSS THREE URBAN SPECIALIST SEXUAL HEALTH SERVICES (SSHS) Year: 2023 Issue: Supplement 1 Volume: 99 Abstract:

THE INCREASING EQUITY GAPS OF PRE-EXPOSURE PROPHYLAXIS (PREP) ACCESS FOLLOWING ITS COMMISSIONING IN ENGLAND - A PREP-TO-NEED RATIO INVESTIGATION

02 Sep 2023
PROPHYLAXIS (PREP) ACCESS FOLLOWING ITS COMMISSIONING IN ENGLAND - A PREP-TO-NEED RATIO INVESTIGATION

Database Source: Embase Weekly Updates
Journal Title: Sexually Transmitted Infections
Article Title: MYCOPLASMA GENITALIUM ANTIMICROBIAL RESISTANCE SURVEILLANCE (MARS): PROTOCOL FOR A NATIONAL SENTINEL SURVEILLANCE PROGRAMME IN ENGLAND
Year: 2023 Issue: Supplement 1 Volume: 99
Abstract: Introduction

AN OUTBREAK OF HEPATITIS A AMONGST GAY AND BISEXUAL MEN LINKED TO A SEX-ON-PREMISES VENUE IN LONDON: THE INCIDENT RESPONSE

Author Names: Roy P., Heathcock S.T., Bullock M., Nutland W., Mandal S.
Database Source: Embase Weekly Updates
Journal Title: Sexually Transmitted Infections
Article Title: AN OUTBREAK OF HEPATITIS A AMONGST GAY AND BISEXUAL MEN LINKED TO A SEX-ON-PREMISES VENUE IN LONDON: THE INCIDENT RESPONSE
Year: 2023 Issue: Supplement 1 Volume: 99
Abstract: Introduction Following the 2016/17 UK and
REDUCED SUSCEPTIBILITY OF PHARYNGEAL NEISSERIA GONORRHOEAE INFECTIONS TO CURRENT RECOMMENDED THERAPEUTICS IN ENGLAND AND WALES USING NATIONAL SURVEILLANCE DATA (GRASP)

Author Names: Sun S., Redai A.H., Thorley K., Ivanov Z., Day M., Pitt R., Sinka K., Mohammed H., Cole M., Fifer H.
Database Source: Embase Weekly Updates
Journal Title: Sexually Transmitted Infections
Article Title: REDUCED SUSCEPTIBILITY OF PHARYNGEAL NEISSERIA GONORRHOEAE INFECTIONS TO CURRENT RECOMMENDED THERAPEUTICS IN ENGLAND AND WALES USING NATIONAL SURVEILLANCE DATA (GRASP)
Year: 2023 Issue: Supplement 1 Volume: 35
Abstract: Objective: Complex regional pain syndrome type I is characterised

EVALUATION PAIN INTENSITY IN COMPLEX REGIONAL PAIN SYNDROME BY INFRARED THERMOGRAPHY

Author Names: Dimitrijevic I., Kocic M., Lazovic M., Mancic D., Filipov R.
Database Source: Embase Weekly Updates
Journal Title: Aging Clinical and Experimental Research
Article Title: EVALUATION PAIN INTENSITY IN COMPLEX REGIONAL PAIN SYNDROME BY INFRARED THERMOGRAPHY
Year: 2023 Issue: Supplement 1 Volume: 35
Abstract: Objective: Complex regional pain syndrome type I is characterised

Influence of Heat Stress on Body Temperatures Measured by Infrared Thermography, Blood Metabolic Parameters and Its Correlation in Sheep

Author Names: Cukic A., Rakonjac S., Djokovic R., Cincovic M., Bogosavljevic-Boskovic S., Petrovic M., Savic Z., Andjusic L., Andjelic B.
Database Source: Embase Weekly Updates
Journal Title: Metabolites
Article Title: Influence of Heat Stress on Body Temperatures Measured by Infrared Thermography, Blood Metabolic Parameters and Its Correlation in Sheep
Year: 2023 Issue: 8 Volume:

Sample pretreatment and HPLC determination of antiplatelet drug ticagrelor in blood plasma from patients with acute coronary syndromes

Author Names: Sunaric S., Mladenov K., Nikolic V., Pavlovic M.
Database Source: Embase Weekly Updates
Journal Title: Biomedical Chromatography
Article Title: Sample pretreatment and HPLC determination of antiplatelet drug ticagrelor in
blood plasma from patients with acute coronary syndromes Year: 2023 Issue: 9 Volume: 37

Abstract: A simple HPLC method was

Use of expanded Neisseria meningitidis serogroup B panels with the serum bactericidal antibody assay for the evaluation of meningococcal B vaccine effectiveness

02 Sep 2023

Author Names: Borrow R., Martinon-Torres F., Abitbol V., Andani A., Preiss S., Muzzi A., Serino L., Sohn W.-Y.

Database Source: Embase Weekly Updates

Journal Title: Expert Review of Vaccines

Article Title: Use of expanded Neisseria meningitidis serogroup B panels with the serum bactericidal antibody assay for the evaluation of meningococcal B vaccine effectiveness

2022 ESC Guidelines on cardio-oncology developed in collaboration with the European Hematology Association (EHA), the European Society for Therapeutic Radiology and Oncology (ESTRO) and the International Cardio-Oncology Society (IC-OS)

02 Sep 2023


Scoring epidemiological forecasts on transformed scales

02 Sep 2023

Author Names: Bosse N.I., Abbott S., Cori A., van Leeuwen E., Bracher J., Funk S.

Database Source: Embase Daily Updates

Journal Title: PLoS computational biology

Article Title: Scoring epidemiological forecasts on transformed scales

Year: 2023 Issue: 8 Volume: 19

Abstract: Forecast evaluation is essential for the development of predictive epidemic models and can inform their use for

Persistent symptoms after COVID-19 are not associated with differential SARS-CoV-2 antibody or T cell immunity

02 Sep 2023


Database Source: Embase Weekly Updates

Journal Title: Nature Communications

Article Title: Persistent symptoms after COVID-19 are not associated with differential SARS-CoV-2

Retrospective cohort study assessing coverage, uptake and associations with hepatitis B vaccination among females who engage in sex work attending sexual health services in England between 2015 and 2019

02 Sep 2023

Author Names: Hibbert M., Simmons R., Ratna N., Mandal S., Sabin C., Desai M., Mohammed H.

Database Source: Embase Weekly Updates

Journal Title: Sexually Transmitted Infections

Article Title: Retrospective cohort study assessing coverage, uptake and associations with hepatitis B vaccination among females who engage in sex work attending sexual health services in

Omicron infection following vaccination enhances a broad spectrum of immune responses dependent on infection history

02 Sep 2023

Recurrent Campylobacter jejuni Infections with In Vivo Selection of Resistance to Macrolides and Carbapenems: Molecular Characterization of Resistance Determinants

02 Sep 2023


Global comment on the use of hydroxychloroquine during the periconception period and pregnancy in women with autoimmune diseases

02 Sep 2023


CD4+ and CD8+ T cells and antibodies are associated with protection against Delta vaccine breakthrough infection: a nested case-control study within the PITCH study.

02 Sep 2023


02 Sep 2023

Author Names: Werny MJ., Zarupski J., Ten Have IC., Piovano A., Hendriksen C., Friederichs NH., Meier F., Groppo E., Weckhuysen BM. Database Source: Ovid MEDLINE(R) PubMed-not-MEDLINE <September 01, 2023> Journal Title: JACS Au Article Title: Correlating the Morphological Evolution of Individual Catalyst Particles to the Kinetic Behavior of Metallocene-Based Ethylene Polymerization Catalysts


02 Sep 2023


Trends in invasive bacterial diseases during the first 2 years of the COVID-19 pandemic: analyses of prospective surveillance data from 30 countries and territories in the IRIS Consortium

02 Sep 2023


DEVELOPING AN HIV CARE PATHWAY TO SUPPORT LOCAL IMPLEMENTATION OF THE HIV ACTION PLAN

02 Sep 2023
DEVELOPING AN HIV CARE PATHWAY TO SUPPORT LOCAL IMPLEMENTATION OF THE HIV ACTION PLAN Year: 2023 Issue: Supplement 1 Volume: 99 Abstract: Introduction To meet the UNAIDS targets of zero new HIV

'I DON'T CARE IF I DIE AT THIS POINT' - THE TRIALS AND TRIBULATIONS OF TRICHOMONAS VAGINALIS (TV) TREATMENT FAILURE

Introduction to the trials and tribulations of Trichomonas vaginalis (TV) treatment failure.

CHLAMYDIA TESTING AND DIAGNOSES AMONG PEOPLE IN PRISON IN ENGLAND, 2017-2021


Anaplasma phagocytophilum Ecotype Analysis in Cattle from Great Britain

Analysis of Anaplasma phagocytophilum ecotypes in cattle from Great Britain.

DETECTION OF GYRA MUTATIONS IN MYCOPLASMA GENITALIUM FROM INDIVIDUALS WHO FAILED TREATMENT

Detection of GyrA mutations in Mycoplasma genitalium from individuals who failed treatment.

SURVEILLANCE OF MPOX CASES ATTENDING SEXUAL HEALTH SERVICES IN ENGLAND (SOMASS): DESIGN, IMPLEMENTATION AND INITIAL FINDINGS FROM THE SOMASS DATA COLLECTION TOOL, 2022

Surveillance of Monkeypox cases attending sexual health services in England (SOMASS): Design, implementation, and initial findings.

TRANS AND GENDER DIVERSE PEOPLES' PERSPECTIVES ON SEXUAL HEALTH SERVICES IN THE UNITED KINGDOM

Perspectives of trans and gender diverse people on sexual health services in the United Kingdom.
FRACTURE FREQUENCY, RISK FACTORS AND OSTEODENZITOMETRIC FINDING WITH POSTMENOPAUSAL WOMEN AT THE FIRST EXAMINATION
02 Sep 2023
Author Names: Markovic K.S.,Filipov R.,Bacevic S.,Bacevic B.M. Database Source: Embase Weekly Updates Journal Title: Aging Clinical and Experimental Research Article Title: FRACTURE FREQUENCY, RISK FACTORS AND OSTEODENZITOMETRIC FINDING WITH POSTMENOPAUSAL WOMEN AT THE FIRST EXAMINATION Year: 2023 Issue: Supplement 1 Volume: 35 Abstract: Background: Reduced bone density is the most
Antidiabetic effects of polyherbal mixture made of Centaurium erythraea, Cichorium intybus and Potentilla erecta
02 Sep 2023
02 Sep 2023
02 Sep 2023
02 Sep 2023
02 Sep 2023
Comparison of two COVID-19 mortality measures used during the pandemic response in England

02 Sep 2023
Author Names: Seghezzo G., Allen H., Griffiths C., Pooley J., Beardsmore L., Caul S., Glickman M., Clare T., Dabrera G., Kall M. Database Source: Embase Weekly Updates Journal Title: International journal of epidemiology Article Title: Comparison of two COVID-19 mortality measures used during the pandemic response in England Year: 2023 Issue: Volume: 29 Abstract:

Health impact assessment for air pollution in the presence of regional variation in effect sizes: The implications of using different meta-analytic approaches

02 Sep 2023

As the pandemic evolves, so must global monitoring of COVID-19

02 Sep 2023
Author Names: Castanon A., Tillo M., Mesher D., Russell K. Database Source: Embase Weekly Updates Journal Title: Public Health, Public Health Article Title: As the pandemic evolves, so must global monitoring of COVID-19 Year: 2023 Issue: Volume: 222 Abstract:

Prevalence and Persistence of Antibiotic Resistance Determinants in the Gut of Travelers Returning to the United Kingdom is Associated with Colonization by Pathogenic Escherichia coli

02 Sep 2023

COVID-19 vaccine effectiveness against hospitalisation and death of people in clinical risk groups during the Delta variant period: English primary care network cohort study

02 Sep 2023

Acquisition of a large virulence plasmid (pINV) promoted temperature-dependent virulence and global dispersal of O96:H19 enteroinvasive Escherichia coli.

02 Sep 2023
Author Names: Miles SL, Torraca V, Dyson ZA, Lopez-Jimenez AT, Foster-Nyanko E, Lobato-Marquez D, Jenkins C, Holt KE, Mostowy S Database Source: Ovid MEDLINE(R) In-Process & In-Data-Review Citations <September 01, 2023> Journal Title: mBio Article Title: Acquisition of a large virulence plasmid (pINV) promoted temperature-dependent virulence and global dispersal of O96:H19 enteroinvasive Escherichia coli.

Health impact assessment for air pollution in the presence of regional variation in effect sizes: The implications of using different meta-analytic approaches.

02 Sep 2023
Author Names: Lee D, Walton H, Evangelopoulos D, Katsouyanni K, Gowers AM, Shaddick G, Mitsakou C Database Source: Ovid MEDLINE(R) Epub Ahead of Print <September 01,

Global impact and cost-effectiveness of one-dose versus two-dose human papillomavirus vaccination schedules: a comparative modelling analysis

Early evaluation of the safety, reactogenicity, and immune response after a single dose of modified vaccinia Ankara-Bavaria Nordic vaccine against mpox in children: a national outbreak response

NEISSERIA GONORRHOEAE SEQUENCE TYPING FOR ANTIMICROBIAL RESISTANCE (NG-STAR) FOR CASES OF DISSEMINATED GONOCOCCAL INFECTION (DGI)

LOW PREVALENCE OF ASYMPTOMATIC MPOX VIRUS IN MEN ATTENDING SEXUAL HEALTH SERVICES IN ENGLAND

TRENDS AND RISK FACTORS FOR TRICHOMONIASIS AMONG PEOPLE ATTENDING SEXUAL HEALTH SERVICES, ENGLAND, 2015 TO 2021
INCIDENCE OF SYPHILIS REINFECTION AND ASSOCIATED RISK FACTORS AMONG GAY, BISEXUAL AND OTHER MEN WHO HAVE SEX WITH MEN IN ENGLAND, 2017-2021

02 Sep 2023

Author Names: Bell J., Ratna N., Migchelsen S.J., Mohammed H., Saunders J.

Database Source: Embase Weekly Updates

Journal Title: Sexually Transmitted Infections

Article Title: INCIDENCE OF SYPHILIS REINFECTION AND ASSOCIATED RISK FACTORS AMONG GAY, BISEXUAL AND OTHER MEN WHO HAVE SEX WITH MEN IN ENGLAND, 2017-2021

Year: 2023 Issue: Supplement 1 Volume: 99

Abstract: Introduction Syphilis

How do different bile acid derivatives affect rat macrophage function - Friends or foes?

02 Sep 2023

Author Names: Stojanovic N.M., Randjelovic P.J., Maslovaric A., Kostic M., Raicevic V., Sakac M., Bedov S.

Database Source: Embase Daily Updates

Journal Title: Chemico-Biological Interactions

Article Title: How do different bile acid derivatives affect rat macrophage function - Friends or foes?

Year: 2023 Issue: Volume: 383

Abstract: Due to an increased

RELATIONSHIP BETWEEN BONE MINERAL DENSITY, ANTIBODY STATUS AND EUSTAR DISEASE ACTIVITY SCORE IN SYSTEMIC SCLEROSIS

02 Sep 2023

Author Names: Stamenkovic B., Stojanovic S., Nedovic J., Dimic N., Jocic J., Cvetkovic J., Stankovic A.

Database Source: Embase Weekly Updates

Journal Title: Aging Clinical and Experimental Research

Article Title: RELATIONSHIP BETWEEN BONE MINERAL DENSITY, ANTIBODY STATUS AND EUSTAR DISEASE ACTIVITY SCORE IN SYSTEMIC SCLEROSIS

Year: 2023 Issue: Supplement 1 Volume: 35

Abstract: Objective: Osteoporosis represents one of the

RISK FACTORS AND BONE MINERAL DENSITY IN MEN WITH AND WITHOUT HIP FRACTURE

02 Sep 2023

Author Names: Filipov R.N., Stojanovic D.R., Markovic K.S., Dimitrijevic I., Jovanovic Vasovic I., Mitic S.

Database Source: Embase Weekly Updates

Journal Title: Aging Clinical and Experimental Research

Article Title: RISK FACTORS AND BONE MINERAL DENSITY IN MEN WITH AND WITHOUT HIP FRACTURE

Year: 2023 Issue: Supplement 1 Volume: 35

Abstract: Objective: Osteoporosis represents one of the

A Systematic Review of the Prevalence of Persistent Gastrointestinal Symptoms and Incidence of New Gastrointestinal Illness after Acute SARS-CoV-2 Infection

02 Sep 2023

Author Names: Hawkings M.J., Vaselli N.M., Charalampopoulos D., Brierley L., Elliot A.J., Buchan I., Hungerford D.

Database Source: Embase Weekly Updates

Journal Title: Viruses

Article Title: A Systematic Review of the Prevalence of Persistent Gastrointestinal Symptoms and Incidence of New Gastrointestinal Illness after Acute SARS-CoV-2 Infection

Year: 2023 Issue: Volume: 15

Performance of the beta-glucan test for the diagnosis of invasive fusariosis and scedosporiosis: A meta-analysis

02 Sep 2023


Integration of disease surveillance in the English context: a qualitative study

02 Sep 2023
The potential cost-effectiveness of next generation influenza vaccines in England and Wales: A modelling analysis

Asthma hospitalisations and heat exposure in England: A case-crossover study during 2002-2019

National point-prevalence survey of healthcare-associated infections and antimicrobial use: UK-PAS/UKHSA joint call to action for all paediatric services

Clinical outcomes following COVID-19 infection in ethnic minority groups in the UK: a systematic review and meta-analysis

Effects of High-Intensity Interval Training (HIIT) on Physical Performance in Female Team Sports: A Systematic Review

Cytokine Gene Polymorphisms in Patients with Chronic Inflammatory Demyelinating Polyneuropathy

Case Report: Recurrent Mpox in a Healthcare Worker in Nigeria
Author Names: Ogoina D., Oru Oru I., Yinka-Ogunleye A., Ihekweazu C., Ndodo N., Aruna O.
Database Source: Embase Weekly Updates Journal Title: The American journal of tropical medicine and hygiene Article Title: Case Report: Recurrent Mpox in a Healthcare Worker in Nigeria Year: 2023 Issue: Volume: Abstract: We report the first case of recurrent Mpox from Africa

Lifting Universal School Masking - Covid-19 Incidence among Students and Staff.
02 Sep 2023

Consequences of coronavirus disease in women with breast cancer.
02 Sep 2023
Author Names: Cvetkovic JL Database Source: Ovid MEDLINE(R) Daily Update <September 01, 2023> Journal Title: Journal of Public Health Article Title: Consequences of coronavirus disease in women with breast cancer

Pilot of asymptomatic swabbing of humans following exposures to confirmed avian influenza A(H5) in avian species in England, 2021/2022
02 Sep 2023
Author Names: Capelastegui F., Smith J., Kumbang J., Humphreys C., Padfield S., Turner J., Mumford A., Richardson N., Oliver I., Dabrera G. Database Source: Embase Weekly Updates Journal Title: Influenza and other Respiratory Viruses Article Title: Pilot of asymptomatic swabbing of humans following exposures to confirmed avian influenza A(H5) in avian species

DEVELOPING AN APPROACH TO SUPPORT THE REGIONAL IMPLEMENTATION OF 'TOWARDS ZERO - AN ACTION PLAN TOWARDS ENDING HIV TRANSMISSION, AIDS AND HIV-RELATED DEATHS IN ENGLAND - 2022 TO 2025' IN THE WEST MIDLANDS
02 Sep 2023
Author Names: Jayes D., Tahir M., Saunders J., Buitendam E., Folkard K. Database Source: Embase Weekly Updates Journal Title: Sexually Transmitted Infections Article Title: DEVELOPING AN APPROACH TO SUPPORT THE REGIONAL IMPLEMENTATION OF 'TOWARDS ZERO - AN ACTION PLAN TOWARDS ENDING HIV TRANSMISSION, AIDS AND HIV-RELATED DEATHS IN ENGLAND - 2022 TO 2025' IN THE WEST MIDLANDS Year: 2023

ESTIMATING THE IMPACT OF DOXYCYCLINE POSTEXPOSURE PROPHYLAXIS ON THE INCIDENCE OF SYPHILIS AMONG GAY, BISEXUAL AND OTHER MEN WHO HAVE SEX WITH MEN IN ENGLAND - A MODELLING STUDY
02 Sep 2023
Author Names: Loman L., Laurence T., Bell J., Hounsome L., Cumming F., Mohammed H., Sinka K., Saunders J., Fifer H. Database Source: Embase Weekly Updates Journal Title: Sexually Transmitted Infections Article Title: ESTIMATING THE IMPACT OF DOXYCYCLINE POSTEXPOSURE PROPHYLAXIS ON THE INCIDENCE OF SYPHILIS AMONG GAY, BISEXUAL AND OTHER MEN WHO HAVE SEX WITH MEN IN ENGLAND - A MODELLING STUDY

PREVALENCE OF MPXV-SPECIFIC ANTIBODIES IN SERA COLLECTED BETWEEN JANUARY - SEPTEMBER 2022 IN ENGLAND. A CROSS-SECTIONAL SEROPREVALENCE STUDY
02 Sep 2023
Article Title: PREVALENCE OF MPOX-SPECIFIC ANTIBODIES IN SERA COLLECTED BETWEEN JANUARY - SEPTEMBER 2022 IN ENGLAND
SEXUALLY TRANSMISSIBLE ENTERIC INFECTIONS IN MEN WHO HAVE SEX WITH MEN (STEIM) PILOT STUDY: STUDY RECRUITMENT, LONGITUDINAL SAMPLING, AND PRELIMINARY PREVALENCE
02 Sep 2023
Author Names: Charles H., Thorley K., Richardson D., Fountain H., Walsh M., Baker K., Jenkins C., H Mercer C., Mohammed H., Mitchell H. Database Source: Embase Weekly Updates
Journal Title: Sexually Transmitted Infections Article Title: SEXUALLY TRANSMISSIBLE ENTERIC INFECTIONS IN MEN WHO HAVE SEX WITH MEN (STEIM) PILOT STUDY: STUDY RECRUITMENT, LONGITUDINAL SAMPLING, AND PRELIMINARY PREVALENCE

REASSESSING ETHNIC INEQUALITIES IN STI DIAGNOSIS RATES IN ENGLAND USING CENSUS 2021 DATA
02 Sep 2023
Author Names: Daahir U., Ratna N., Michelsen S., Mohammed H. Database Source: Embase Weekly Updates
Journal Title: Sexually Transmitted Infections Article Title: REASSESSING ETHNIC INEQUALITIES IN STI DIAGNOSIS RATES IN ENGLAND USING CENSUS 2021 DATA Year: 2023 Issue: Supplement 1 Volume: 99 Abstract: Introduction While there is a marked ethnic disparity in gonorrhoea diagnosis
CORRELATION OF OSTEOPOROSIS WITH MARKERS OF SYSTEMIC INFLAMMATION, HEMATOLOGICAL PARAMETERS AND CYTOKINES IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS
02 Sep 2023
Author Names: Zivkovic V. Database Source: Embase Weekly Updates Journal Title: Aging Clinical and Experimental Research Article Title: CORRELATION OF OSTEOPOROSIS WITH MARKERS OF SYSTEMIC INFLAMMATION, HEMATOLOGICAL PARAMETERS AND CYTOKINES IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS Year: 2023 Issue: Supplement 1 Volume: 35 Abstract: Objective: Osteoporosis significantly

Giant conjunctival melanoma treated with excision and primary reconstruction using a partial thickness skin graft
02 Sep 2023
Author Names: Cekic S.P., Kovacevic P.T., Krstic M.S. Database Source: Embase Weekly Updates Journal Title: Nigerian journal of clinical practice Article Title: Giant conjunctival melanoma treated with excision and primary reconstruction using a partial thickness skin graft Year: 2023 Issue: 8 Volume: 26 Abstract: Conjunctival melanoma is a rare type of malignancy of ocular surface

Four-Component Recombinant Protein-Based Vaccine Effectiveness Against Serogroup B Meningococcal Disease in Italy
02 Sep 2023

Lifting Universal School Masking - Covid-19 Incidence among Students and Staff
02 Sep 2023
CT scan and conventional x-ray in multiple injured patient care: diagnostic strategies and outcomes analysed from the TraumaRegister DGU

Temporal analysis of non-ST segment elevation-acute coronary syndrome (NSTEACS) outcomes in 'young' patients under the age of fifty: A nationwide cohort study

Antimicrobial Activity Evaluation of Black Currant (Ribes nigrum L.) Variety Cacanska Crna Juice and Extract

Knowledge support for optimising antibiotic prescribing for common infections in general practices: evaluation of the effectiveness of periodic feedback, decision support during consultations and peer comparisons in a cluster randomised trial (BRIT2) - study protocol

Effectiveness of successive booster vaccine doses against SARS-CoV-2 related mortality in residents of long-term care facilities in the VIVALDI study

Detection, survival, and persistence of Staphylococcus capitis NRCS-A in neonatal units in England
Updates Journal Title: Journal of Hospital Infection Article Title: Detection, survival, and persistence of Staphylococcus capitis NRCS-A in neonatal units in England Year: 2023 Issue: SWAMPy: Simulating SARS-CoV-2 Wastewater Amplicon Metagenomes with Python
02 Sep 2023
Author Names: Boulton W., Fidan F.R., Denise H., De Maio N., Goldman N. Database Source: Embase Preprint Journal Title: bioRxiv Article Title: SWAMPy: Simulating SARS-CoV-2 Wastewater Amplicon Metagenomes with Python Year: 2022 Issue: Abstract: Motivation: Tracking SARS-CoV-2 variants through genomic sequencing has been an important part of the global response to the pandemic

Enhancing the training of community engagement officers to address vaccine hesitancy: a university and local authority collaboration.
02 Sep 2023
Author Names: Murdan S, Ali N, Darlow J, Christopher E, Tolani F, Ashiru-Oredope D Database Source: Ovid MEDLINE(R) Daily Update <September 01, 2023> Journal Title: Perspectives in Public Health Article Title: Enhancing the training of community engagement officers to address vaccine hesitancy: a university and local authority collaboration. Year: 2023 Issue: 4 Volume: 143 Abstract:

As the pandemic evolves, so must global monitoring of COVID-19.
02 Sep 2023
Author Names: Castanon A, Tillo M, Mesher D, Russell K Database Source: Ovid MEDLINE(R) Daily Update <September 01, 2023> Journal Title: Public Health Article Title: As the pandemic evolves, so must global monitoring of COVID-19. Year: 2023 Issue: Volume: 222 Abstract:

Problems Affecting Accurate Dose Measurement in Small-Field for Linear Accelerator
02 Sep 2023

The Co-Occurrence of Post-Traumatic Stress Disorder and Depression in Individuals with and without Traumatic Brain Injury: A Comprehensive Investigation
02 Sep 2023

FEASIBILITY AND ACCEPTABILITY OF LONGITUDINAL SAMPLE AND DATA COLLECTION: LEARNING FROM THE SEXUALLY TRANSMISSIBLE ENTERIC INFECTIONS IN MEN WHO HAVE SEX WITH MEN (STEIM) PILOT STUDY
02 Sep 2023
Author Names: Reid D., Ogaz D., Richardson D., Charles H., Thorley K., Baker K., Jenkins C., Mercer C., Mohammed H., Mitchell H. Database Source: Embase Weekly Updates Journal Title: Sexually Transmitted Infections Article Title: FEASIBILITY AND ACCEPTABILITY OF LONGITUDINAL SAMPLE AND DATA COLLECTION: LEARNING FROM THE SEXUALLY TRANSMISSIBLE ENTERIC INFECTIONS IN MEN WHO HAVE SEX WITH MEN (STEIM) CHARACTERISING THE INCREASE IN SYPHILIS IN ENGLAND BETWEEN 2012 AND 2021 BY STAGE OF INFECTION AT DIAGNOSIS
CHARACTERISING THE INCREASE IN SYPHILIS IN ENGLAND BETWEEN 2012 AND 2021 BY STAGE OF INFECTION AT DIAGNOSIS

ARE SELF-COLLECTED VAGINAL SWABS ACCEPTABLE AND FEASIBLE IN A HOUSEHOLD GENERAL POPULATION SURVEY (BRITAIN'S FOURTH NATIONAL SURVEY OF SEXUAL ATTITUDES AND LIFESTYLES-4, NATSAL-4)

USING THE SYPHILIS CARE PATHWAY DASHBOARD TO SUPPORT THE IMPLEMENTATION OF THE SYPHILIS ACTION PLAN AND LOCAL ACTION PLANNING IN STOKE-ON-TRENT

MPOX DIAGNOSIS HISTORY, BEHAVIOURAL RISK MODIFICATION, AND VACCINATION UPTAKE IN GAY, BISEXUAL, AND OTHER MEN WHO HAVE SEX WITH MEN IN THE UK: FINDINGS FROM A LARGE, ONLINE COMMUNITY SURVEY (RIISH-MPOX) UNDERTAKEN DECEMBER 2022

FRACTURE RISK ASSESSMENT IN POSTEMENOPAUSAL WOMEN: A SINGLE CENTRE EXPERIENCE IN SERBIA

Values of Nitric Oxide and Superoxide Dismutase in Cerebrospinal Fluid of Patients with Sporadic Amyotrophic Lateral Sclerosis

Swab pooling enables rapid expansion of high-throughput capacity for SARS-CoV-2 community testing
Feasibility and clinical utility of local rapid Nanopore influenza A virus whole genome sequencing for integrated outbreak management, genotypic resistance detection and timely surveillance
02 Sep 2023

Estimating the hospital costs of care for people living with HIV in England using routinely collected data
02 Sep 2023

Cancer mortality after low dose exposure to ionising radiation in workers in France, the United Kingdom, and the United States (INWORKS): Cohort study
02 Sep 2023

Risk Factors Associated with Coronavirus Disease 2019-Related Hospitalization in Rheumatoid Arthritis Patients
02 Sep 2023

Implementation of the national antimicrobial stewardship competencies for UK undergraduate healthcare professional education within undergraduate pharmacy programmes: a survey of UK schools of pharmacy
02 Sep 2023
Implementation of the national antimicrobial stewardship competencies for UK undergraduate healthcare professional education within undergraduate

Population Pharmacokinetic Modeling to Inform Sertraline Dosing Optimization in Patients with Depression
02 Sep 2023
Author Names: Stoiljkovic M., Nikolic V.N., Ilic N., Vujovic M., Popovic D., Milovanovic J., Jankovic S.M. Database Source: Embase Weekly Updates Journal Title: Pharmacology, Pharmacology Article Title: Population Pharmacokinetic Modeling to Inform Sertraline Dosing Optimization in Patients with Depression Year: 2023 Issue: 4 Volume: 108 Abstract: Sertraline is one of the most prescribed

Temporal analysis of non-ST segment elevation-acute coronary syndrome (NSTEACS) outcomes in 'young' patients under the age of fifty: A nationwide cohort study.
01 Sep 2023
01 Sep 2023

How do different bile acid derivatives affect rat macrophage function - Friends or foes?
01 Sep 2023
Author Names: Stojanovic NM, Randjelovic PJ, Maslovaric A, Kostic M, Raicevic V, Sakac M, Bjedov S Database Source: Ovid MEDLINE(R) Epub Ahead of Print <August 31, 2023> Journal Title: Chemico-Biological Interactions Article Title: How do different bile acid derivatives affect rat macrophage function - Friends or foes?

A Systematic Review of the Prevalence of Persistent Gastrointestinal Symptoms and Incidence of New Gastrointestinal Illness after Acute SARS-CoV-2 Infection.
01 Sep 2023

Problems Affecting Accurate Dose Measurement in Small-Field for Linear Accelerator.
01 Sep 2023

Long COVID in Children and Young after Infection or Reinfection with the Omicron Variant: A Prospective Observational Study.
01 Sep 2023
Phospholipid headgroup composition modulates the molecular interactions and antimicrobial effects of sulfobetaine zwitterionic detergents against the "ESKAPE" pathogen Pseudomonas aeruginosa.

01 Sep 2023

Perceived current and future roles of UK-based community pharmacy professionals in the long-term management of acne.

01 Sep 2023


01 Sep 2023

Persistent symptoms after COVID-19 are not associated with differential SARS-CoV-2 antibody or T cell immunity.

31 Aug 2023

Effectiveness of successive booster vaccine doses against SARS-CoV-2 related mortality in residents of long-term care facilities in the VIVALDI study.

31 Aug 2023


31 Aug 2023

Prevalence and Persistence of Antibiotic Resistance Determinants in the Gut of Travelers Returning to the United Kingdom is Associated with Colonization by Pathogenic Escherichia coli.

Case-control study to estimate odds of death within 28 days of positive test for SARS-CoV-2 prior to vaccination for residents of long-term care facilities in England, 2020-2021.

The Co-Occurrence of Post-Traumatic Stress Disorder and Depression in Individuals with and without Traumatic Brain Injury: A Comprehensive Investigation.

Four-Component Recombinant Protein-Based Vaccine Effectiveness Against Serogroup B Meningococcal Disease in Italy.


Knowledge support for optimising antibiotic prescribing for common infections in general practices: evaluation of the effectiveness of periodic feedback, decision support during consultations and peer comparisons in a cluster randomised trial (BRIT2) - study protocol.
The impact of the COVID-19 pandemic on antibiotic consumption and prevalence of pathogens in primary and secondary healthcare settings in Northern Ireland.

31 Aug 2023
Database Source: Ovid MEDLINE(R) <July Week 4 2023 to August Week 4 2023>
Journal Title: British Journal of Clinical Pharmacology
Article Title: The impact of the COVID-19 pandemic on antibiotic consumption and prevalence of pathogens in primary and secondary healthcare settings in Northern Ireland.

Towards the development of a SARS-CoV-2 variant risk assessment tool: expert consultation on the assessment of scientific evidence on emerging variants.

31 Aug 2023
Author Names: Worp N, Subissi L, Perkins MD, Van Kerkhove MD, Agrawal A, Chand M, van Beek J, Oude Munnik BB, Koopmans MPG
Database Source: Ovid MEDLINE(R) Epub Ahead of Print <August 30, 2023>
Journal Title: The Lancet. Microbe
Article Title: Towards the development of a SARS-CoV-2 variant risk assessment tool: expert consultation on the assessment of scientific evidence on emerging variants


31 Aug 2023
Author Names: Capelastegui F, Smith J, Kumbang J, Humphreys C, Padfield S, Turner J, Mumford A, Richardson N, Oliver I, Dabrera G
Database Source: Ovid MEDLINE(R) Daily Update <August 30, 2023>
Journal Title: Influenza & Other Respiratory Viruses
Article Title: Pilot of asymptomatic swabbing of humans following exposures to confirmed avian influenza A(H5) in avian species in England, 2021/2022

Cytokine Gene Polymorphisms in Patients with Chronic Inflammatory Demyelinating Polyneuropathy.

31 Aug 2023
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Mpox virus DNA contamination can still be detected by qPCR analysis after autoclaving.

31 Aug 2023
Database Source: Ovid MEDLINE(R) Daily Update <August 30, 2023>
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Modifiable risk factors for diphtheria: A systematic review and meta-analysis.

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Clinical outcomes following COVID-19 infection in ethnic minority groups in the UK: a systematic review and meta-analysis.

31 Aug 2023
Author Names: Siddiq S, Ahmed S, Akram I
Database Source: Ovid MEDLINE(R) <July Week 4 2023 to August Week 4 2023>
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Article Title: Clinical outcomes following COVID-19 infection in ethnic minority groups in the UK: a systematic review and meta-analysis.
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Cancer mortality after low dose exposure to ionising radiation in workers in France, the United Kingdom, and the United States (INWORKS): cohort study.

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Feasibility and clinical utility of local rapid Nanopore influenza A virus whole genome sequencing for integrated outbreak management, genotypic resistance detection and timely surveillance.

31 Aug 2023


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Article Title: Feasibility and clinical utility of local rapid Nanopore influenza A virus whole genome

Swab pooling enables rapid expansion of high-throughput capacity for SARS-CoV-2 community testing.

31 Aug 2023


Database Source: Ovid MEDLINE(R) Epub Ahead of Print <August 30, 2023>

Journal Title: Journal of Clinical Virology

Article Title: Swab pooling enables rapid expansion of high-throughput capacity for SARS-CoV-2

Scale-Up of Rifapentine and Isoniazid for Tuberculosis Prevention Among Household Contacts in 2 Urban Centers: An Effectiveness Assessment.

31 Aug 2023


Database Source: Ovid MEDLINE(R) <July Week 4 2023 to August Week 4 2023>

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Article Title: Scale-Up of Rifapentine and Isoniazid for Tuberculosis

Giant conjunctival melanoma treated with excision and primary reconstruction using a partial thickness skin graft.

31 Aug 2023

Author Names: Cekic SP, Kovacevic PT, Krstic MS

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Refinement of an ovine-based immunoglobulin therapy against SARS-CoV-2, with comparison of whole IgG versus F(ab')2 fragments.

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Laser-Based Manufacturing of Ceramics: A Review.
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Spatial assessment of the attributable burden of disease due to transportation noise in England.
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Indoor air quality guidelines from across the world: An appraisal considering energy saving, health, productivity, and comfort.
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