

Infection Control

Current Awareness Bulletin

June 2021

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Policies



[Infection control in the built environment \(HBN 00-09\)](#)

Published on: 21 May 2021

Last modified on: 28 May 2021

[\(HBN 14-02\) Medicines storage in clinical areas](#)

Published on: 28 May 2021

Last modified on: 28 May 2021

[Adult in-patient facilities: planning and design \(HBN 04-01\)](#)

Published on: 21 May 2021

Last modified on: 28 May 2021



GOV.UK

[Arrangements for visiting out of the care home](#)

Sets out how care homes can support residents on visits outside of the care home.

- Updated: 17 June 2021

[COVID-19: infection prevention and control \(IPC\)](#)

Guidance on infection prevention and control for COVID-19. Sustained community transmission is occurring across the UK.

- Updated: 1 June 2021

[Ultrasound gel: good infection prevention practice](#)

This is interim guidance on the safe use of ultrasound gel to reduce risk of transmission of infection during ultrasound and related procedures.

- Updated: 12 February 2021

[COVID-19: guidance for stepdown of infection control precautions and discharging patients to home settings](#)

Advice on appropriate infection prevention and control precautions for stepdown in hospital or discharge to home or residential settings for COVID-19 patients.

- Updated: 22 March 2021

Point of care

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[COVID-19: General approach to infection control in the health care setting](#)

Literature review current through: Jun 2021. | This topic last updated: May 19, 2021.

[Infection control measures to prevent seasonal influenza in health care settings](#)

Literature review current through: Jun 2021. | This topic last updated: Dec 12, 2019.

[Infection prevention: Precautions for preventing transmission of infection](#)

Literature review current through: Jun 2021. | This topic last updated: Dec 17, 2020.

Journal Articles

If you would like help obtaining any of the articles, please contact the Library.

[Olanexidine gluconate formulations as environmental disinfectants for enveloped viruses infection control.](#)

Author(s) Imai ; Hagi, A.; Yamagawa, S.; Sano, D.; Imai, Kaoru [et al.](#)

Source Journal of Hospital Infection; Jun 2021; vol. 112 ; p. 37-41

Language English

Publication Date Jun 2021

DOI [10.1016/j.jhin.2021.03.014](#)

ISSN 01956701

Database CINAHL

This study investigated the potential of olanexidine gluconate as environmental disinfectant against enveloped viruses in the suspension test and three non-porous surface tests. In the suspension test, olanexidine gluconate showed immediate virucidal activity. In addition, non-porous surface tests demonstrated that, although the immediate effect of aqueous formulations was weak, the final virucidal efficacy outcompeted that of ethanol for disinfection. Furthermore, the effectiveness of olanexidine gluconate persisted even after drying on environmental surfaces. This study demonstrated the potential usage of olanexidine gluconate formulations as an environmental disinfectant in the infection control of enveloped viruses.

[Available in full text at The Journal of hospital infection from Unpaywall](#)

[A cross sectional study of organizational factors and their impact on job satisfaction and emotional burnout in a group of Australian nurses: infection control practitioners.](#)

Author(s) Page ; Graves, Nicholas

Source BMC Health Services Research; May 2021; vol. 21 (no. 1); p. 1-8

Language English

Publication Date May 2021

DOI [10.1186/s12913-021-06477-2](#)

ISSN 14726963

Database CINAHL

This study provides new evidence about the organizational context of ICPs in Australia, and about the factors that impact on job satisfaction and emotional burnout. These findings may be used to modify national infection prevention and control programs to suit local organizational contexts. Further research is needed to determine the precise nature of these relationships and the downstream impacts on hospital-wide infection control outcomes.

[Available in full text at BMC health services research from BioMed Central](#)

[Available in full text at BMC health services research from Europe PubMed Central - Open Access](#)

[Comparison of infection control strategies to reduce COVID-19 outbreaks in homeless shelters in the United States: a simulation study.](#)

Author(s) Chapman ; Kushel, Margot; Cox, Sarah N.; Scarborough, Ashley; Cawley, Caroline [et al.](#)

Source BMC Medicine; May 2021; vol. 19 (no. 1); p. 1-13

Language English

Publication Date May 2021

DOI [10.1186/s12916-021-01965-y](#)

ISSN 17417015

Database CINAHL

Conclusions: In high-risk homeless shelter environments and locations with high community incidence of COVID-19, even intensive infection control strategies (incorporating daily symptom screening, frequent PCR testing, and universal mask wearing) are unlikely to prevent outbreaks, suggesting a need for non-congregate housing arrangements for people experiencing homelessness. In lower-risk environments, combined interventions should be employed to reduce outbreak risk.

[Available in full text at BMC medicine from BioMed Central](#)

[Available in full text at BMC medicine from Europe PubMed Central - Open Access](#)

[The implementation of an infection control bundle within a Total Care Burns Unit.](#)

Author(s) Mcwilliams ; Twigg, Di; Hendricks, Joyce; Wood, Fiona Melanie; Ryan, Jane [et al.](#)

Source Burns (03054179); May 2021; vol. 47 (no. 3); p. 569-575

Language English

Publication Date May 2021

DOI [10.1016/j.burns.2019.12.012](#)

ISSN 03054179

Database CINAHL

The implementation of an infection prevention and control bundle was effective in reducing healthcare associated burn wound infections, pneumonia and sepsis within our paediatric burns unit. Urinary tract infections remain a challenge for future improvement.

[COVID-19 infection control measures and outcomes in urban dialysis centers in predominantly African American communities.](#)

Author(s) Apata ; Cobb, Jason; Navarrete, Jose; Burkart, John; Plantinga, Laura [et al.](#)

Source BMC Nephrology; Mar 2021; vol. 22 (no. 1); p. 1-9

Language English

Publication Date Mar 2021

DOI [10.1186/s12882-021-02281-6](#)

ISSN 14712369

Database CINAHL

We successfully implemented recommended COVID-19 infection control measures aimed at mitigating the spread of SARS-CoV-2. Most of the patients with COVID-19 required hospitalizations. Dialysis facilities should remain vigilant and monitor for possible transmission of COVID-19 in the facility.

[Available in full text at BMC nephrology from BioMed Central](#)

[Available in full text at BMC nephrology from Europe PubMed Central - Open Access](#)

[Observational study of compliance with infection control practices among healthcare workers in subsidized and private residential care homes.](#)

Author(s) Au ; Suen, Lorna Kwai Ping; Lam, Simon Ching

Source BMC Infectious Diseases; Jan 2021; vol. 21 (no. 1); p. 1-11

Language English

Publication Date Jan 2021

DOI [10.1186/s12879-021-05767-8](#)

ISSN 14712334

Database CINAHL

Despite the fact that the practice of hand hygiene, the use of gloves, and respiratory protection were the important elements of ICP, overall compliance to these elements was still poor. Personal care workers had the most frequent contact with the residents, but they had the worst compliance rate. Hence, continued monitoring and training among healthcare workers is needed, particularly personal care workers, in this healthcare service setting.

[Available in full text at BMC infectious diseases from BioMed Central](#)

[Available in full text at BMC infectious diseases from Europe PubMed Central - Open Access](#)

[University students' perceptions of airborne infection control: exploratory study using Q methodology.](#)

Author(s) Lee ; Kim, Hyun Jin; Cheong, Chang Heon

Source BMC Public Health; Jan 2021; vol. 21 (no. 1); p. 1-12

Language English

Publication Date Jan 2021

DOI [10.1186/s12889-020-09909-6](#)

ISSN 14712458

Database CINAHL

The major contribution of this study is to clarify university students' perceptions of airborne infection. These findings can be used in formulating effective strategies for health education, media reporting, and public health policy to improve airborne infection management.

[Available in full text at BMC public health from BioMed Central](#)

[Available in full text at BMC public health from Europe PubMed Central - Open Access](#)

[Structure, staffing, and factors affecting infection control nurses: Hospital based exploratory survey- A study protocol](#)

Author(s) Assariparambil, Anil R; Nayak, Shalini G; Sugunan, Aswin; Mukhopadhyay, Chiranjay; Shankar, Ravi [et al.](#)

Source Journal of Advanced Nursing; Feb 2021; vol. 77 (no. 2); p. 1062

Publication Date Feb 2021

DOI [10.1111/jan.14658](#)

ISSN 0309-2402

Database BNI

Healthcare Associated Infection (HAI) affects the care quality of millions of people around the globe. Many researchers have explored the evidence for causes and measures to contain infection. However, there are hardly few researches from the perspective to structure, staffing pattern and factors affecting ICNs. As staffing is considered as a vital component in infection prevention, there is a necessity for optimization to reduce the global burden related to HAI.

[Standard surgical masks may be 'insufficient' for nurses on Covid-19 wards](#)

29 June, 2021

The risk of hospital nurses contracting Covid-19 from patients can be “effectively mitigated” by giving staff higher-grade face masks, a trial at a hospital in Cambridge has suggested.

[RCN renews call for more cautious PPE guidance amid latest Covid-19 variant](#)

19 May, 2021

The UK is “lagging significantly behind” other countries in its approach to personal protective equipment (PPE) and infection control, the Royal College of Nursing has warned as it renews its call for better protection for nurses amid the new highly transmissible variant of Covid-19 first identified in India.

[Isolation rule scrapped for care home residents on 'low risk' trips](#)

04 May, 2021

Care home residents in England will now be able to leave their home for what are deemed “low risk” visits without having to self-isolate on their return, the government has confirmed.

This current awareness bulletin contains an inexhaustive selection of information that has not been critically appraised by library staff. It is therefore the responsibility of the reader to appraise this information for accuracy and relevance.

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