

Date: 11th March 2024
Ref: CORP 2024 - 021

Dear xxxx

Freedom of Information request: Solutions for removing pathogens (CORP 2024 – 021)

Thank you for your request for information which the Trust received on 27th January 2024.
We apologise for the delay in responding.

Your Request:

- 1) *Do(es) your hospital(s) have a solution to eliminate pathogens from the air?*
 - 1.1. *In which departments?*
 - 1.2. *In which rooms?*
 - 1.3. *What technology(ies) are in use?*
 - 1.3.1. *Air circulation with Ultra-Violet (UV)*
 - 1.3.2. *Air circulation with Air Filter*
 - 1.3.3. *Air Circulation with Air Filter and UV*
 - 1.3.4. *HVAC with UV*
 - 1.3.5. *HVAC without UV*
 - 1.4. *Other (which technology?)*
- 2) *Do(es) your hospital(s) have a solution to eliminate pathogens from the surfaces?*
 - 2.1. *In which departments?*
 - 2.2. *In which rooms?*
 - 2.3. *What technology(ies) are in use to kill pathogens?*
 - 2.3.1. *UV*
 - 2.3.1.1. *What wavelength?*
 - 2.3.1.2. *In which areas of the hospital?*
 - 2.3.2. *Antimicrobial coating*
 - 2.3.2.1. *Which coating materials?*
 - 2.3.2.2. *In which areas of the hospital?*
 - 2.3.3. *Antimicrobial cleaning products*
 - 2.3.3.1. *Which chemicals?*
 - 2.3.3.2. *In which areas of the hospital?*
 - 2.3.4. *Antimicrobial materials*
 - 2.3.4.1. *Which materials?*
 - 2.3.4.2. *In which areas of the hospital?*
 - 2.3.5. *HVAC with UV*
 - 2.3.6. *HVAC without UV*
 - 2.4. *Other (which technology?)*
- 3) *What are the three most important areas to have a solution to kill pathogens?*
- 4) *What are the three most important areas to have a solution to kill pathogens from the surface?*

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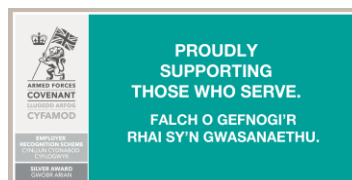


- 5) Which department(s)/professional(s) makes(s) the procurement decisions regarding solutions to kill pathogens from the air?
 - 5.1. Infection Prevention and Control (IPC)
 - 5.2. Facilities Management
 - 5.3. Other (which?)
- 6) Which department(s)/professional(s) makes(s) the procurement decisions regarding solutions to kill pathogens from the surfaces?
 - 6.1. Infection Prevention and Control (IPC)
 - 6.2. Facilities Management
 - 6.3. Other (which?)
- 7) Do you have an Infection Prevention and Control department or is(are) designated members of staff managing it?
- 8) Are you planning to purchase a solution to kill pathogens from the air in the next
 - 8.1. 12 months?
 - 8.2. 24 months?
- 9) Are you planning to purchase a solution to kill pathogens from the surfaces in the next:
 - 9.1. 12 months?
 - 9.2. 24 months?
- 10) Are you planning to purchase a solution to improve clinician hand hygiene in the next:
 - 10.1. 12 months?
 - 10.2. 24 months?
- 11) What are your Infection Prevention and control targets for the next five years (Ex.: reduce number of Hospital Acquired Infections reductions by x% (n), increase clinicians hands hygiene rate by x%, reduce pathogens levels from the air in patient areas by x%, reduce pathogens levels from the air in public areas by x%, reduce pathogens levels from the surfaces in patient areas by x%, reduce pathogens levels from the surfaces in public areas by x%...)

Please find the Trust's response below:

- 1) **Do(es) your hospital(s) have a solution to eliminate pathogens from the air? – Yes**
 - 1.1. **In which departments? – All clinical and non-clinical high-volume areas.**
 - 1.2. **In which rooms? – All patient rooms including high volume activity areas, treatment rooms, toilets and bathrooms.**
 - 1.3. **What technology(ies) are in use?**
 - 1.3.1. **Air circulation with Ultra-Violet (UV) – Yes**
 - 1.3.2. **Air circulation with Air Filter - No**
 - 1.3.3. **Air Circulation with Air Filter and UV - No**
 - 1.3.4. **HVAC with UV- No**
 - 1.3.5. **HVAC without UV – No**
 - 1.4. **Other (which technology?) – Photodynamic Inactivation/ Novaerus plasma coil**

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2) Do(es) your hospital(s) have a solution to eliminate pathogens from the surfaces? -

Yes

- 2.1. **In which departments?** – All departments where patients are treatment
- 2.2. **In which rooms?** – Treatment rooms, changing rooms, all toilets/bathrooms.
- 2.3. **What technology(ies) are in use to kill pathogens?**
 - 2.3.1. **UV** – Yes
 - 2.3.1.1. **What wavelength?** – 254nanometers
 - 2.3.1.2. **In which areas of the hospital?** – All clinical areas
 - 2.3.2. **Antimicrobial coating** – No
 - 2.3.2.1. **Which coating materials?** – N/A
 - 2.3.2.2. **In which areas of the hospital?** – N/A
 - 2.3.3. **Antimicrobial cleaning products** – Yes,
 - 2.3.3.1. **Which chemicals?** – universal detergent wipes and chlorine
 - 2.3.3.2. **In which areas of the hospital?** – All areas.
 - 2.3.4. **Antimicrobial materials** – No
 - 2.3.4.1. **Which materials?** – N/A
 - 2.3.4.2. **In which areas of the hospital?** – N/A
 - 2.3.5. **HVAC with UV**– N/A
 - 2.3.6. **HVAC without UV** – N/A
- 2.4. **Other (which technology?)** – N/A

3) What are the three most important areas to have a solution to kill pathogens?

All patient areas, toilets/bathrooms and areas of high volume.

4) What are the three most important areas to have a solution to kill pathogens from the surface?

All clinical areas including high volume, toilets/bathrooms and treatment rooms.

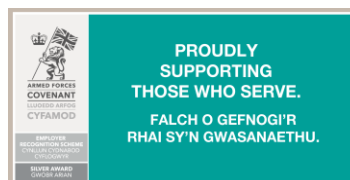
5) Which department(s)/professional(s) makes(s) the procurement decisions regarding solutions to kill pathogens from the air?

- 5.1. **Infection Prevention and Control (IPC)**
- 5.2. **Facilities Management**
- 5.3. **Other (which?)** – Trust ventilation group which has input from IPC, Estates, specialist engineers and Operational Services.

6) Which department(s)/professional(s) makes(s) the procurement decisions regarding solutions to kill pathogens from the surfaces?

- 6.1. **Infection Prevention and Control (IPC)**
- 6.2. **Facilities Management**
- 6.3. **Other (which?)** – Joint decision based on effectiveness, cost and usability, also required to be in line with All Wales Cleaning Standards.

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- 7) **Do you have an Infection Prevention and Control department or is(are) designated members of staff managing it?**
The Trust does have an Infection Prevention and Control Team.
- 8) **Are you planning to purchase a solution to kill pathogens from the air in the next**
8.1. 12 months? – No
8.2. 24 months? – No
- 9) **Are you planning to purchase a solution to kill pathogens from the surfaces in the next:**
9.1. 12 months? – Products to kill surface pathogens are part of the normal stock
9.2. 24 months? – Products to kill surface pathogens are part of the normal stock
- 10) **Are you planning to purchase a solution to improve clinician hand hygiene in the next:**
10.1. 12 months? – N/A - Governed by All Wales contracts for hand hygiene products.
10.2. 24 months? – N/A - Governed by All Wales contracts for hand hygiene products.
- 11) **What are your Infection Prevention and control targets for the next five years (Ex.: reduce number of Hospital Acquired Infections reductions by x% (n), increase clinicians hands hygiene rate by x%, reduce pathogens levels from the air in patient areas by x%, reduce pathogens levels from the air in public areas by x%, reduce pathogens levels from the surfaces in patient areas by x%, reduce pathogens levels from the surfaces in public areas by x%...)**

We refer you to the below link regarding national infection reduction targets:

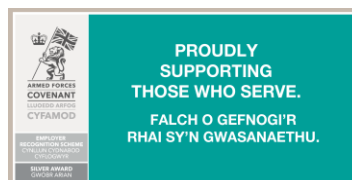
<https://www.gov.wales/sites/default/files/publications/2023-08/amr-hcai-improvement-goals-for-2023-24.pdf>

I trust this answers your request for information, however, should you not be satisfied with the information supplied or the process of supplying it, you have a right to complain and request a review. Please note that you must submit a request for a review within 40 days of the date of this letter.

You should forward your complaint to:

Mr Ian Bevan via FOI.VUNHST@wales.nhs.uk
Head of Information Governance
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2, Charnwood Court
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Should you wish to take your complaint further, if you are still unhappy with the decision after review, you can contact the:

Information Commissioner's Office - Wales
2nd Floor,
Churchill House,
Churchill Way,
Cardiff,
CF10 2HH
Telephone: 0330 414 6421
email: wales@ico.org.uk

Yours sincerely

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