

Our Ref: 83  
JANUARY 2024

## Re: Your request made under the Freedom of Information Act 2000

Could you please answer the following:

### 1. Do(es) your hospital(s) have a solution to eliminate pathogens from the air?

1.1 In which departments?

Various different technologies in use, including fixed mechanical ventilation, Hydrogen Peroxide Vaporisation, UV and portable air filtration units utilising HEPA filtration

1.2 In which rooms?

Fixed mechanical ventilation in most clinical areas. Portable technologies deployed in various locations when required.

1.3 What technology(ies) are in use?:

Air circulation with Ultra Violet (UV) – Yes - portable units

Air Circulation with Air Filter - Yes - portable units

Air Circulation with Air Filter and UV - Yes - portable units

HVAC with UV - No

HVAC without UV - Yes

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?

Yes in all clinical departments

2.2 In which rooms?

All rooms

2.3 What technology(ies) are in use to kill pathogens?:

UV - Yes

What wavelength? 254nm

In which areas of the hospital?

Antimicrobial coating No

Which coating materials? N/A

In which areas of the hospital? N/A

Antimicrobial cleaning products

Which chemicals? Peroxide

In which areas of the hospital? All clinical areas

Antimicrobial materials

Which materials No

In which areas of the hospital? N/A

HVAC with UV – No

HVAC without UV \_ Yes

2.4 Other (Which technology?)

3. **What are the three most important areas to have a solution to kill pathogens from the air?**  
**Areas with less than optimum ventilation**  
**Theatres**  
**Respiratory wards**  
**Critical care**  
 This would require further analysis and risk assessment in conjunction with Infection Prevention and Control to provide an accurate and objective answer, which is beyond the scope of an FOI return.
4. **What are the three most important areas to have a solution to kill pathogens from the surfaces?**  
**All areas in a hospital are important**  
 This would require further analysis and risk assessment in conjunction with Infection Prevention and Control to provide an accurate and objective answer, which is beyond the scope of an FOI return.
5. **Which department(s) / professional(s) make(s) the procurement decisions regarding solutions to kill pathogens from the air?**  
 Infection Prevention and Control (IPC) – IPC will provide input  
 Facilities Management – Will provide input  
 Other (which?) – Finance, Procurement & Estates
6. **Which department(s) / professional(s) make(s) the procurement decisions regarding solutions to kill pathogens from the surfaces?**  
 Infection Prevention and Control– IPC will provide input  
 Facilities Management Will provide input  
 Other (which?) Finance & procurement
7. **Do you have an Infection Prevention and Control department or is(are) designated members of staff managing it? Yes**
8. **Are you planning to purchase a solution to kill pathogens from the air on the next**
  - 12 months? No
  - 24 months? No
9. **Are you planning to purchase a solution to kill pathogens from the surfaces on the next**
  - 12 months? – plan to continue with existing
  - 24 months? – plan to continue with existing
10. **Are you planning to purchase a solution to improve clinician hand hygiene on the next**
  - 12 months? - plan to continue with existing
  - 24 months? plan to continue with existing
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%...)**

To remain within trajectory for HAI NHS objectives

Quality improvement plans in relation to patient care – for example oral hygiene, catheter care

Aim to achieve 97% compliance with hand hygiene