

FOI REF: 24/085

22nd May 2024

FREEDOM OF INFORMATION ACT

I am responding to your request for information under the Freedom of Information Act. The answers to your specific questions are as follows:

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

Yes.

1.1 **In which departments?**

Facilities provided as required by the departments function.

1.2 **In which rooms?**

Please see response above 1.1.

1.3 **What technology(ies) are in use?:**

- a) **Air circulation with Ultra Violet (UV)**
- b) **Air Circulation with Air Filter**
- c) **Air Circulation with Air Filter and UV**
- d) **HVAC with UV**
- e) **HVAC without UV**

Fixed UCV (ultra clean ventilation) systems where required, mechanical ventilation systems filtered as required by the requirements of the department served, some with HEPA (high efficiency particulate arrestance). LEV (local exhaust ventilation) systems where necessary. Mobile ventilation systems to address immediate problems often fitted with HEPA filtration and UV (ultra violet) facilities.

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1.4 Other (Which technology?)

Hydrogen Peroxide Vapour.

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

Enhanced cleaning procedures, chlorine and detergent based, peracetic acid, chemical disinfection, hydrogen peroxide vaporisation.

2.1 In which departments?

Where necessary enhanced cleaning procedures are used, using chlorine and detergent based products. Peracetic acid, chemical disinfection and hydrogen peroxide are used where necessary depending upon the department's requirements and the level of contamination.

2.2 In which rooms?

Please see response above 2.1.

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

a) UV

Yes.

b) What wavelength?

UV-C 100 – 280nm.

c) In which areas of the hospital?

Where necessary.

d) Antimicrobial coating

Many product are brought new with antimicrobial coatings.

e) Which coating materials?

Not known.

f) In which areas of the hospital?

All areas.

g) Antimicrobial cleaning products

Clinell wipes, alcohol wipes/tristel.

h) Which chemicals?

Peracetic acid/chlorine/tristel.

i) In which areas of the hospital?

All areas that need it - Wards/endoscopy/pathology.

j) Antimicrobial materials

No.

k) Which materials

Not applicable.

l) In which areas of the hospital?

Wherever needed.

m) HVAC with UV

The Trust does not have any fixed HVAC systems with UV facilities.

n) HVAC without UV

Mobile HVAC systems are often fitted with UV facilities.

2.4 Other (Which technology?)

3. What are the three most important areas to have a solution to kill pathogens from the air?

Isolation and respiratory wards.

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

All areas.

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

5.1 Infection Prevention and Control (IPC)

Yes.

5.2 Facilities Management

Yes.

5.3 Other (which?)

Estates, Ventilation steering group.

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

6.1 Infection Prevention and Control

Yes.

6.2 Facilities Management

Yes.

6.3 Other (which?)

Decontamination group.

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 in the next:

a) 12 months?

b) 24 months?

Currently there are no plans to purchase a solution to kill pathogens from the air.

9. Are you planning to purchase a solution to kill pathogens from the surfaces in the next:

a) 12 months?

b) 24 months?

Currently there are no plans to purchase a solution to kill pathogens from surfaces.

10. Are you planning to purchase a solution to improve clinician hand hygiene in the next:

a) 12 months?

b) 24 months?

Currently there are no plans to purchase a solution to improve clinician hand hygiene.

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11. What are your Infection Prevention and control targets for the next five years (Example.: 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%...)

Reduce all potentially avoidable healthcare associated infections.

If I can be of any further assistance, please do not hesitate to contact me.

Should you be dissatisfied with the Trust's response to your request, you have the right to request an internal review. Please write to the Freedom of Information Department (esh-tr.foi@nhs.net), quoting the above reference, within 40 working days. The Trust is not obliged to accept an internal review after this date.

Should you still be dissatisfied with your FOI request, you have the right of complaint to the Information Commissioner at the following address:

The Information Commissioner's Office
Wycliffe House
Water Lane
Wilmslow
Cheshire SK9 5AF

Telephone: 0303 123 1113

Yours sincerely

Freedom of Information Department
esh-tr.foi@nhs.net