



# Wrightington, Wigan and Leigh Teaching Hospitals

NHS Foundation Trust

Information Governance Department

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Date Received: 16<sup>th</sup> March 2023

Response Due: 17<sup>th</sup> April 2023

Date: 4<sup>th</sup> April 2023

Dear Sir/Madam

You asked:

I would like to know:

**Q1)**

**a) Is 3D printing technology being used at your facilities?**

Yes

**If the answer to Q1a is Yes then skip to Q2.**

**If the answer to Q1a is No then:**

**b) Do you plan on utilizing 3D Printing technology in the near future?**

**c) If the answer to Q1b is No then you may skip the rest of the questionnaire.**

**If the answer to Q1b is Yes then:**

**d) What part(s) do you intent to 3D print (e.g. Prosthetic limbs, hearing aids etc.)?**

**Q2) What 3D Printers are being used for producing the parts (Brand name & model)?**

Stratasys – Object 260 connex 3

Ultimaker - 3 Extended

SLA printer

**Q3) What type of parts/products are being printed (e.g. Prosthetic hand, prosthetic leg, splint, hip joint etc.) Please be specific.**

Anatomical Models and Surgical Guides

**Q4) What materials are being commonly used for 3D printing at your facilities?**

FDM – PLA  
Polyjet – Vero, Agilus30 by Stratasys  
SLA – Nylon

**Q5) What ISO standards and/or other ASTM/BS standards are being followed when producing the parts/products?**

ISO13485

**Q6) Please briefly describe the ethics process that is required for using 3D printing parts in patients?**

The devices are supplied as custom made devices under the Medical Device Regulations

If you are not entirely satisfied with this response, please do not hesitate to contact the Information Governance Department via the email address provided. If we do not hear from you within 28 days, we will assume that we have been able to accommodate your request under the Freedom of Information Act 2000.

Yours sincerely,



Malcolm Gandy  
Chief Information Officer

**PLEASE NOTE:**

If you are unhappy with the service you have received in relation to your request and wish to make a complaint or request a review of our decision, you should write to: Information Governance Department, Wrightington, Wigan and Leigh NHS Foundation Trust, Suite 9, Buckingham Row, Brick Kiln Lane, Wigan, WN1 1XX.

If you are not content with the outcome of your complaint, you may apply directly to the Information Commissioner for a decision at:

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

Helpline number: 0303 123 111