

Radiotherapy Department

FOI Enquiry

Please provide information relating to the questions below for the machine types and years listed Years: 2019, 2020, 2021, 2022.

Machine types: MRI scanner, PET scanner, CT scanner, linear accelerator (LINAC) and surgical robots (both Versius and Da Vinci).

For each year and for each machine type, how many units were owned or leased? (Please also provide dates for new machines that were either commissioned or decommissioned within a year).

For each machine that was either owned or leased between 2018 and 2022, please disclose a) the date of purchase, b) the capital value and c) whether the machine was still in use at the end of 2022 and, if not, the date it was decommissioned.

For each year and for each machine type, please provide details on the number of times they were used.

For each year and for each machine type, please provide details on their availability for use by number of scans/treatments/operations/procedures (apply when relevant).

| Site | Location | Room | Equipment Type | Manufacturer | Equipment Model | Year of installation | Comments |
|------|----------|-------|----------------|--------------|--------------------|---|---------------------------------|
| BCH | NICC | LA1 | LINAC | VARIAN | TrueBeam | Clinical Release 2020 | Managed Equipment Service (MES) |
| | | LA2 | | | TrueBeam | Clinical Release 2019 | MES |
| | | LA3 | | | TrueBeam | Clinical Release March 2019 | MES |
| | | LA4 | | | TrueBeam | Clinical Release July 2018 | MES |
| | | LA5 | | | TrueBeam | Clinical Release Nov 2017 | MES |
| | | LA6 | | | TrueBeam | Clinical Release Jan 2017 | MES |
| | | LA7 | | | TrueBeam | Clinical Release Aug 2013 | MES |
| | | LA8 | | | TrueBeam STx | Clinical Release Oct 2014 | MES |
| | | LA9 | | | TrueBeam | Clinical Release Dec 2022 | MES |
| | | LA10 | | | TrueBeam | Clinical Release 2012 | MES |
| | | Sim 1 | Simulator | Varian | Acuity | Clinical Release Nov 2013 | MES |
| | | Sim 1 | CT Simulator | Siemens | Somatom Confidence | Clinical Release Dec 2020 | MES |
| | | Sim 2 | CT Simulator | GE | Optima | Commissioned Oct 2013 Decommissioned Aug 2020 | MES |
| | | Sim 2 | CT Simulator | Siemens | Somatom Confidence | Clinical Release Dec 2020 | MES |
| | | Sim 3 | CT Simulator | GE | Optima | Decommissioned May 2021 | MES |

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| Equipment | Attendances/Fractions per machine | | | | Comments |
|---------------------------|-----------------------------------|-------------|-------------|-------------|--|
| Linear Accelerator | 2019 | 2020 | 2021 | 2022 | |
| LA1 | 5,529 | 1,222 | 3,361 | 4,111 | LA1 Replaced Dec 2019 - Sept 2020 |
| LA2 | 1,834 | 5233 | 4,566 | 4,926 | LA2 Replaced Apr 2019 – Nov 2019 |
| LA3 | 4,626 | 6319 | 4,649 | 4,781 | LA3 Replaced Aug 2018 – Mar 2019 |
| LA4 | 6,996 | 6461 | 4,709 | 5,556 | |
| LA5 | 5,917 | 4478 | 5,008 | 4,962 | |
| LA6 | 6,873 | 6895 | 4,423 | 4,726 | |
| LA7 | 7,461 | 6225 | 4,521 | 4,964 | |
| LA8 | 4,357 | 3695 | 3,667 | 3,977 | |
| LA9 | 6,210 | 6149 | 3,004 | 1,144 | LA9 Replaced April 2022 – Nov 2022 |
| LA10 | 6,261 | 6333 | 4,003 | 4,633 | |
| CT Scanners | | | | | |
| Sim 1 Acuity | 169 | 46 | - | - | Sim 1 Decommissioned 2020 Replaced - Dec 2020 |
| CT Sim 1 Replacement | - | - | 2201 | 2345 | |
| CT Sim 2 | 2344 | 802 | - | - | |
| CT Sim 2 Replacement | - | - | 2349 | 2331 | |
| CT Sim 3 | 2308 | 780 | 96 | - | Sim 3 Decommissioned May 2021 |