Hardware

1. Computer -

* First choice - IIYAMA ProLite XCB3494WQSN-B1
* Alternative - HP 22-df0041na All-in-One PC - Pentium®

1. Laptop -

* First choice - LENOVO IdeaPad Flex 3i 11.6" 2 in 1 Laptop
* Alternative - **MacBook Air**

1. Router -

* First choice - Cisco Catalyst 8300 Series Edge Platforms
* Alternative - DrayTek Vigor

1. Switch

* First choice - [ICRL-U-4RJ45/SFP-G-DIN](https://www.pepperl-fuchs.com/great_britain/en/classid_8220.htm?view=productdetails&prodid=98910)
* Alternative - [ICRL-U-4RJ45/SFP-PoE-G-DIN](https://www.pepperl-fuchs.com/great_britain/en/classid_8220.htm?view=productdetails&prodid=102891)

1. Ethernet cables -

* First choice – fiberoptic cable
* Alternative – cat5 or 6

1. Tablet -

* First choice - SAMSUNG Galaxy Tab A8 10.5" Tablet - 32 GB, Graphite
* Alternative - ACER ACTAB1022 10" Tablet - 32 GB, Gun Grey

1. Mobile -

* First choice - I phone 14 plus
* Alternative –google pixel 6a

1. Printer

* First choice - [HP DeskJet 2710e All-in-One HP+ enabled Wireless Colour Printer with 6 Months Instant Ink](https://www.hp.com/gb-en/shop/product.aspx?id=26K72B&opt=687&sel=PRN)
* Alternative - CANON PIXMA TS5350a All-in-One Wireless Inkjet Printer

1. WAP -

* First choice - [Ubiquiti U6-LITE UniFi 6 Lite Access Point](https://www.amazon.co.uk/Ubiquiti-UniFi-Lite-Access-Point/dp/B08T6CKG5B/ref=sr_1_4?c=ts&keywords=Wireless+Access+Points&qid=1673536473&s=computers&sr=1-4&ts_id=430580031)
* Alternative - NETGEAR Wireless Access Point

Software

Firewall – next generation firewall

Office 365 -

Anti-virus

VPN -

Website -

Cloud server -

My-Mediset -

Laws

Data protection act -

Health and safety act -

Equal pay act -

Genral data protection regulations -

The digital technologies that might be used in the dental office include **CAD/CAM (computer-assisted design, computer-assisted manufacture), cone beam CT, digital X-rays, intra-oral camera, dental lasers, and optical scanners**, among them.

<https://www.walshmedicalmedia.com/open-access/information-technology-in-dentistry-2161-1122-1000e120.pdf>