

We decided to stick around during the COVID crisis so that we could help.



How we helped the NHS.



Following government and governing body guidelines, all routine non-urgent scanning appointments were cancelled. We decided that we should keep a skeleton service at our Harley Street centre to see patients and support emergency services for Maxillofacial, ENT, Orthopaedics and dental services during the entire time of lockdown, helping with diagnostic CBCT. We also developed an even closer relationship with our referrers and helped with liaising with the NHS.

The feedback from the patients we saw during the lockdown was tremendous, meaningful and uplifting for our team.



PPE: We offered 3D visors to the NHS when they did not have stock. They were 3D-printed quickly and gave the NHS the time to stock up on their usual visors.

Ventilator Connectors: In the first week of lockdown, UCLH Medical Physics were doing their best to use the ventilator equipment they had in stock but needed adaptors to be printed urgently. Using their own desktop printer meant staff being on duty at the weekend to change build trays and spend hours manually cleaning each printed piece. An additional complication was the national shortage of the cleaning agent needed to thoroughly clean printing residue off each part. We offered up all that we had in stock. After a discussion with UCLH, it was realised that adding these parts, more than 300, to the weekend single nylon build in our industrial size 3D printer was faster and more efficient. Nylon is also a patient-contact material and the cleaning procedure is much quicker and mostly automated. This

gained UCLH time and effort. They no longer had to come to work that weekend just to attend to their printer and collected their connectors on the Monday morning.

...Thank you for the advice.

Not all superheroes wear capes...



...some wear masks and gloves...

Most of our radiology consultants were given COVID responsibilities during the lockdown and therefore had frontline, vital knowledge. From the early radiology guidelines to the latest PPE advice, we developed our internal procedures and protocols in a safe, efficient, calm, rational and measured way. We felt good to have support to line up our infection control measures and scanning protocols with the latest guidance and daily updates.

Liaising with the NHS.



For many years now, we have been directly linked with the NHS national imaging network. During lockdown, we maintained this service to help with transferring diagnostic images for patients needing further hospital treatment. This immediate assistance saved the patients having further imaging and gained the surgical team precious time ♥♥♥

Learning in Lockdown and Beyond.



At Cavendish Imaging we have worked hard since the very beginning of CBCT in the U.K. to promote the technology and help our community to delve deeply into the subject so that they can make the most out of each and every CBCT examination.

Since 12th March 2020, our lives have changed in so many ways but our friends and colleagues were always on our mind, so Cavendish Imaging Education remained, but this time 100% online.

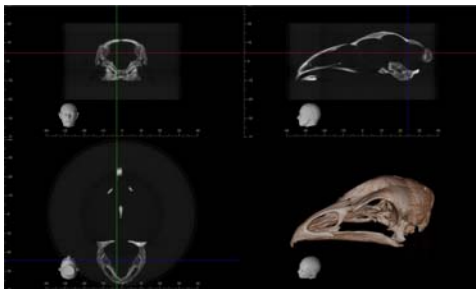
At the beginning of April, we launched our e-learning website so we could offer your CPD with our faculty of eminent consultant radiologists including Dr Jackie Brown, Dr Steve Colley and Dr Polly Richards, our own Dr Sauret-Jackson, Medical Physicist, as well as other experts in the field throughout lockdown.

By May we had uploaded much more content which as part of our "CPD in Your Own Time" option, offered most lectures completely free of charge. These lectures include [Interpretation](#)

[of Normal Anatomy](#), [Interpretation of Diseased Anatomy](#) and the latest [Rules and Regulations for CBCT](#). These are still available to you now.

Finally, as you know, the PHE new CBCT training guidelines have now been finalised and will be published imminently. Our [Level One \(Core\) Dental CBCT Training](#) course and our [Level Two \(Further\) Training in Dental CBCT](#) meet these guidelines. We believe that our e-learning approach will go from strength to strength post-lock-down and we hope that being accessible to all, our website will make it easy for you to get your certificates.

Unusual Scanning.



We had a very unusual request to take part in a study looking at the effect of EM waves in brains and CBCT-scanned a chicken skull. The CBCT was exceptional compared to the conventional CT scan performed: the CBCT voxels were sub-millimetric and isotropic which meant that the very detailed original perforations (foramina) of the chicken skull could easily be detected.



We have been busy during lockdown supporting you and the NHS, and **we hope that our small achievements are meaningful**. As we have had our first cohort of dentists completing their **CBCT course for referrers Level Two fully online** and with the operating of dental practices and surgeons **getting back to more routine timetables**, we are looking forward to seeing you and your patients and hearing how we can help and your practice.

