



Patient Information

Cobalt Imaging Centre Cone Beam CT

www.cobalthhealth.co.uk

Registered Charity No: 1090790



WHAT YOU NEED TO KNOW

What is Cone Beam CT?

Cone Beam CT (Computerised Tomography) enables us to take images of elbows, hands, knees, ankles and feet. This state-of-the-art scanner can provide high definition 2D and 3D images which can help your doctor plan appropriate treatment for your condition. This scanner enables us to take images of your leg or foot when you are standing (weight bearing), so doctors can see the nature of any injury when actually using the leg or foot.

How long do Cone Beam CT scans take?

The actual scan will only take 25 seconds. The full examination including set up and getting you in position will be 15 minutes.

Do I have to be still during the scan?

Yes, while the scan is taking place, there are comfortable handles to support you and help you to stay still.

What is the difference between Cone Beam CT and traditional CT?

While both of these equipment types fall into the category of Computerised Tomography (CT), there are some major differences. Traditional CT scans require patients to lie on an imaging table that moves through the core of the CT machine. As the table moves through, individual 'slices' of the anatomy are captured and used to create a 3D image. In a CBCT scan, the image is captured as the system rotates around the body part. The results is a more comprehensive set of 3D high resolution images.

Will I feel anything during the scan?

No, this type of examination is completely painless and non-invasive.

I don't like being in enclosed spaces. Does the OnSight System enclose my entire body?

No, you only need to place your affected body part in the imaging bore. The system also has an access doors you can easily step into and out of the system for standing exams.

I have a metal plate in my body in the area that is due to be scanned, is this okay?

Yes, this is fine, metal plates or pins do not effect the safety or the quality of the images. Please make the Cobalt staff aware before your scan, so any adjustments to the equipment settings can be made.

How do I prepare for my Cone Beam CT scan?

Wear comfortable loose fitting clothes or we may give you special clothing to wear. Please leave jewellery at home because metal objects of this type may affect your images.

Who performs and reads the scan?

A qualified CT radiographer will perform your examination and a consultant radiologist will interpret the images, usually within 5 working days

Can I bring somebody with me?

If you would like to bring a friend or relative to come with you, they may wait in the waiting room. Children are welcome to visit Cobalt, however we do ask that all children under 16 years of age are supervised by an appropriate adult in the waiting room at all times.





ABOUT US

We believe everyone should have access to the best medical imaging for their diagnosis. We are a charity that invests in equipment, research and education to help this happen

Our imaging service has been scanning patients since 1993. We have achieved the ISO 9001:2008 Quality Standard for the quality of service that we provide to our patients. We were also the first imaging service in the UK to have met the Imaging Service Accreditation Scheme (ISAS) quality standards. This shows that we have the ability to provide a safe service that is focused around patients.

We use the state-of-the-art equipment including

- The UK's first high field open MRI (Magnetic Resonance Imaging) scanner
- The only 3.0 Tesla mobile MRI service in Europe
- The latest PET/CT (Positron Emission Tomography/ Computerised Tomography) scanner
- The world's first Cone Beam CT 3D Extremity Scanner
- Digital X-ray
- Ultrasound

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