Adaptix

Transforming Radiology

Low-cost, low-dose,
3D veterinary imaging system

Bringing
low-cost,
low-dose,
3D imaging into
your practice

The Adaptix 3D veterinary imaging system provides access to 3D imaging without the need for a dedicated CT room, using a device with a similar cost and dose to traditional 2D X-ray systems.

We use Digital Tomosynthesis (DT) to provide a series of cross-sectional views moving through the depth of the patient, giving enhanced diagnostic confidence.

System features and benefits

- Low-cost, low-dose, 3D diagnostic imaging for dental and orthopaedic cases

- Enhanced diagnostic detail compared to 2D - increased diagnostic confidence

- Accelerated workflow - full set of dental x-rays in 2 extra-oral acquisitions. No intra-oral detector placement required

- DT in your existing radiology room - in medical practice DT is proven to reduce referrals to CT saving cost and dose

- Assessment of long-term 'life-cycle' conditions such as arthritis, osteomyelitis and metabolic bone disease

- Lightweight and compact device

- No metal streak artefacts as with CT

Point-of-care 3D diagnostic imaging

The portability, low-dose and enhanced diagnostic capability makes our imaging devices the future of clinical point-of-care veterinary imaging.

Product details

Acquisition Time:
<60s

Image Reconstruction Time:
<30s

Weight:
23kg

Detector Area:
15 * 11 cm

Product Dimensions:
35 * 41 * 71 cm (wdh)

Adaptix 3D veterinary
imaging system

Increased
practice
profitability

2D

Adaptix 3D

Patient benefits

- Rapid access to 3D diagnostics

- Reduced time for dental acquisitions

- Enhanced diagnostic confidence reducing misdiagnosis

- Assessment of long-term 'life-cycle' conditions such as arthritis, osteomyelitis and metabolic bone disease

Payer benefits

- 3D diagnostics for similar cost to 2D

- Reduced requirement to travel for 3D imaging

Practice benefits

- Accelerated workflow – fewer acquisitions required

- Greatly enhanced diagnostic confidence

- Reduced need to refer away

- Low cost 3D

- Increased practice profitability

- Low up front costs, billed on a pay per study basis

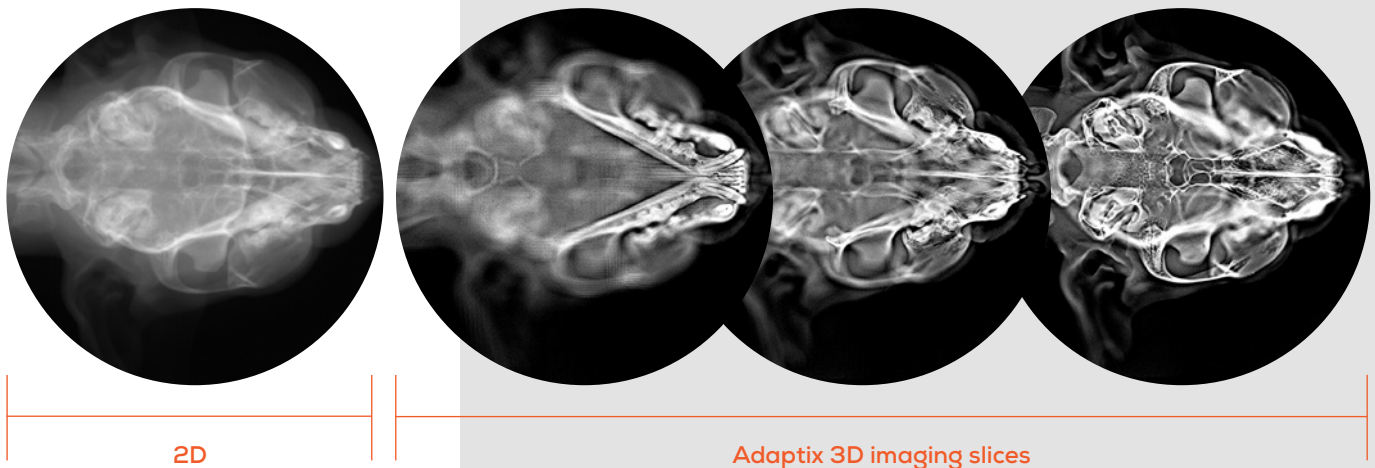# Transforming
the economics
of veterinary care

How it works

We take a series of low dose 2D projections from different positions and use them to reconstruct a 3D overview of the patient using a technique called tomosynthesis.

Reconstructed images are viewed as a stack which can be navigated using the mouse wheel, allowing features at different depths to be viewed independently.

The 3D reconstruction can reduce the need for multiple 2D images and lessens the need for stringent positioning protocols.
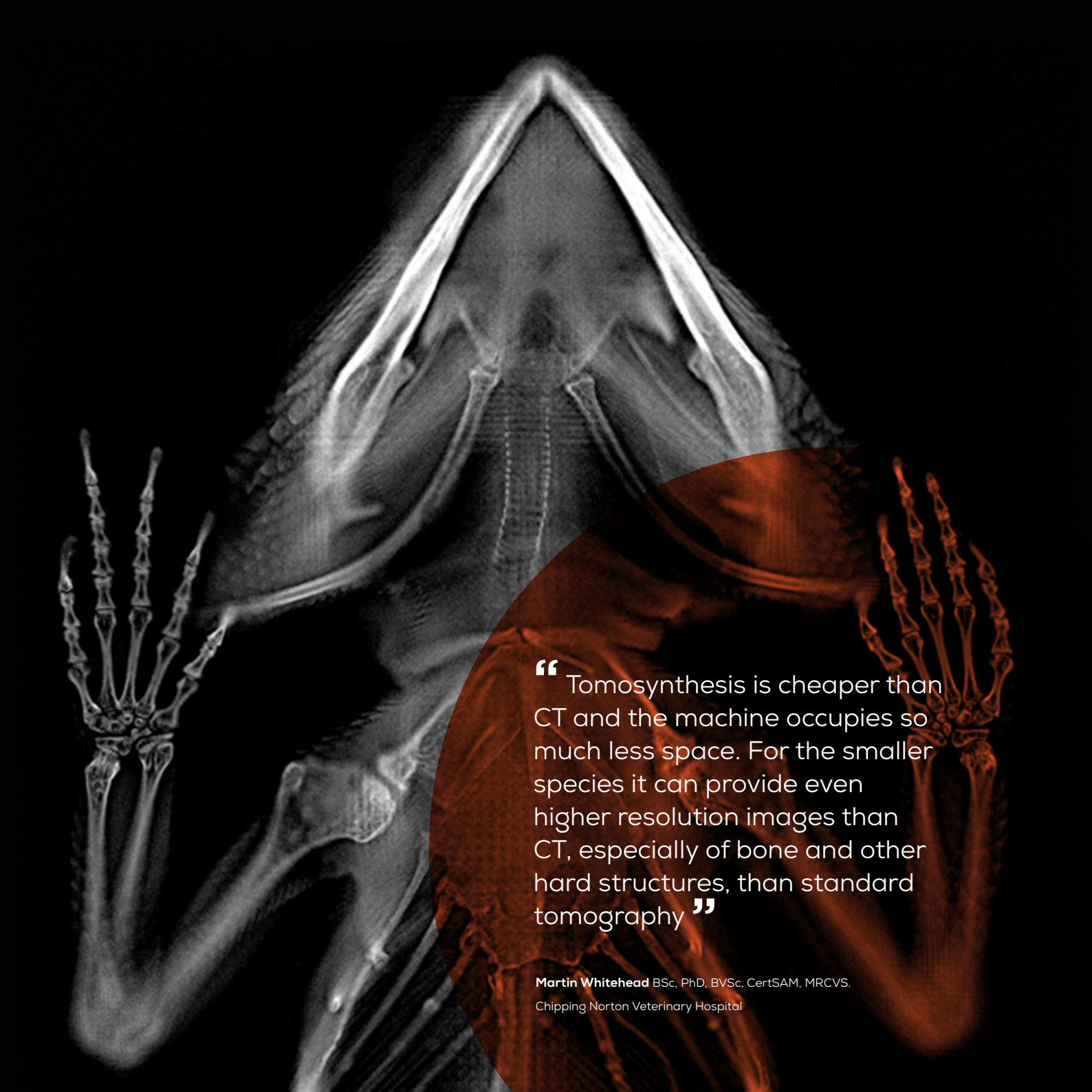

2D

Adaptix 3D imaging slices

Adaptix was founded by experts in medical devices to bring technology out of the lab and into the clinic.

Our team includes 11 PhDs/MDs, together with hardware, software, business, project and product leaders, and is backed by internationally recognised experts. Adaptix is ISO 13485 certified for design and development.

> **"** Tomosynthesis is cheaper than CT and the machine occupies so much less space. For the smaller species it can provide even higher resolution images than CT, especially of bone and other hard structures, than standard tomography **"**

Martin Whitehead BSc, PhD, BVSc, CertSAM, MRCVS.

Chipping Norton Veterinary Hospital

![Adaptix logo — Transforming Radiology]

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