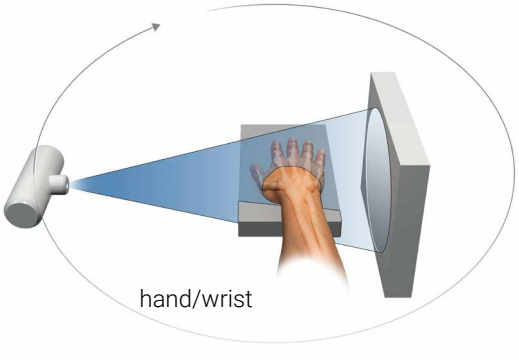
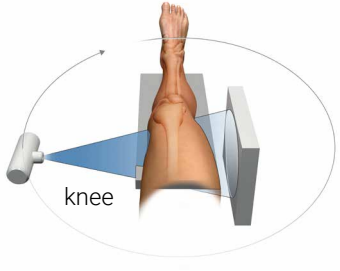
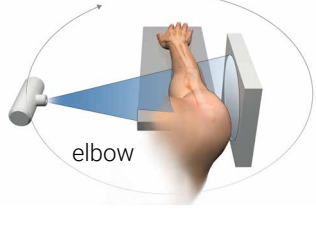
POINT-OF-CARE EXTREMITY CT IMAGING IS NOW IN REACH

CurveBeam AI

InReach®







Cone Beam CT

Captures the entire volume in a single 360-degree orbit. kVp choices are 100 or 120, based on target anatomy and/or patient size; and mA is fixed at 5. The resulting datasets are high contrast and provide ultra-fine trabecular detail.

3D renderings and custom MPR views were created in CubeVue, CurveBeam AI's custom visualization software.

The CurveBeam AI InReach is an extremity Cone Beam CT imaging system that images the hand, wrist, forearm, elbow and the lower extremities. High Resolution 3D scans of the extremities permit specialists to assess osseous structures with precision & clarity.

FITS ANYWHERE
23" x 36" footprint
Self-Shielded
Standard 115V (220 VAC International) Outlet

EASY TO OPERATE
Designed for easy entry & positioning
Straightforward kVp choices & fixed mA

QUICK SCAN TIMES
Less than **25** seconds per scan

0.2 MM SLICES + X-RAY VIEWS
3D Reconstructions, Multi-Planar Slices,
X-Ray views

ULTRA LOW DOSE

DICOM/PACS COMPATIBLE

MINIMAL MAINTENANCE

STANDARD BILLLING
CPT 73200* CT Upper Extremity
CPT 73700* CT Lower Extremity

Total Access to Images

- Optional workstation & high contrast monitor give specialists access to highest resolution images.
- CubeVue custom visualization software comes preloaded on to operator's console and enables:
  - Instant reformatting and re-orientation of MPR Slices and 3D renderings
  - Segmentation of individual bones
  - Creation of custom MPR slabs
  - Distance and angle measurement tools
  - Automatic presentation of SimX (Digitally Reconstructed Radiographs) with every scan
    - DRRs are synthesized X-ray views, mathematically reconstructed from the original CT volume. DRRs represent the actual anatomical sizes and angles with no magnification or distortion, and all standard and/or custom views are created from the original scan, without the need to re-position the patient.

CubeVue 3D Rendering + MPR Tab

CubeVue SimX Digitally Reconstructed Radiographs Tab

Technical Specifications	
3D Imaging Volume	17.2cm (6.8in) (h) x 16cm (6.3in) (d)
Resolution	0.2mm voxels
Scan Time	23.8 seconds
Max Exposure Time	5 seconds
Tube Voltage	100 - 120 kVp
Tube Current	5 mA
Image Detector	Amorphous silicon flat panel
Gray Scale	16 bit
Unit Dimensions	60in (h) x 36in (w) x 23in (d) 150cm (h) x 91cm (w) x 58cm (d)
Unit Weight	300 lbs; 136 kg
Power Requirements	115/230 VAC 50/60 Hz

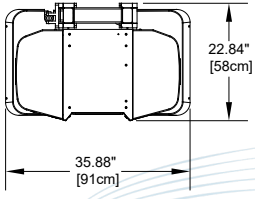
Technique	Micro Sieverts	Comparable Natural Background Radiation
Daily Background Exposure	8[1]	1 day
InReach Cone Beam CT hand/wrist	1.4[1]	4.2 hours
InReach Cone Beam CT foot/ankle	3.7[1]	11.1 hours
InReach Cone Beam CT knee	2.1[1]	6.3 hours
Bone Densitometry (DEXA)	1[2]	3 hours
Extremity X-Ray Radiography	1[2]	3 hours
Unilateral Foot & Ankle Helical CT (Siements CARE Dose)	70[3] 25[4]	8.75 days 3.13 days

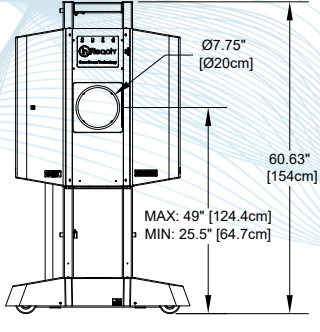
(1) John B. Ludlow, Brandon K Johnson, Marija Ivanovic, Estimation of effective doses from MDCT and CBCT imaging of extremities, Journal of Radiological Protection, 2018. (2) RSNA; Radiologyinfo.org/en/info.cfm?pg=safety-xray. (3) Biswas Debdut et al, Radiation Exposure from Musculoskeletal Computerized Tomographic Scans, Journal of Bone & Joint Surgery, Vol. 91-A, No. 8, August, 2009. (4) John B. Ludlow, Marija Ivanovic, Weightbearing CBCT, MDCT, and 2D Imaging Dosimetry of the Foot & Ankle, International Journal of Diagnostic Imaging, 2014, Vol. I, No. 2

FDA 510(k)
CE Marking
Health Canada

Accessories
Hand/wrist platform
Elbow platform
Magnetic lead shields
Patient chair

Wrist fracture series (clockwise from top left): 3D rendering PA view, MPR axial slice, MPR axial slice, 3D rendering AP view, MPR coronal slab (stack of slices)





About CurveBeam AI

CurveBeam AI, Ltd., combines market leading point-of-care diagnostic cone beam CT imaging solutions with artificial intelligence (AI) and deep learning AI (DLAI) expertise to deliver solutions across orthopedics and bone health (fragility fracture prevention). CurveBeam AI's global operations headquarters for product development, Regulatory, manufacturing, and operations including sales, marketing, and customer care will remain in Hatfield, PA, USA. CurveBeam AI's corporate office in Melbourne, VIC, Australia, will cover AI research & development, corporate finance, and IP functions.

HiRise: Weight bearing CT imaging for the entire lower extremities

LineUP: Weight Bearing CT imaging for feet & knees

CurveBeam AI

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Watch a Demo

** These guidelines are intended to outline the basis for coverage and reimbursement for certain imaging services to the extent the services may be covered by a particular payor. They do not in any way guarantee actual payment and are not intended as legal advice. Healthcare providers should exercise clinical judgement when selecting codes and submitting claims to accurately reflect the services rendered. Further, proper coding may require analysis of statutes, regulations or payor contracts and policies, and as a result, the proper code result may vary from one payor to another. It is the provider's responsibility to determine and submit appropriate codes, modifiers and charges for the services that are rendered. For appropriate code selection, you should contact your local payor prior to submitting claims.*