



EXTREMITY CT PHOTON COUNTING SCANNER

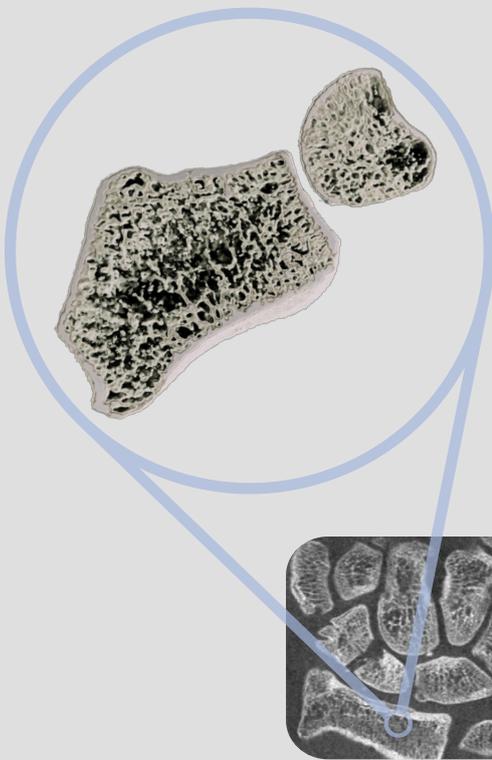
3D CT for Premium Imaging in the community



FDA 510(k) cleared

HIGH FIDELITY IMAGING

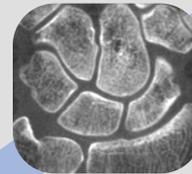
- 0.09 mm isotropic resolution
- Metal Artifact Reduction ¹
- Multi Planar Reconstruction, Color 3D



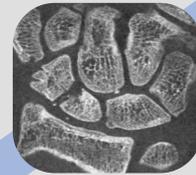
3D Dissectional view on Next Gen Marsvision



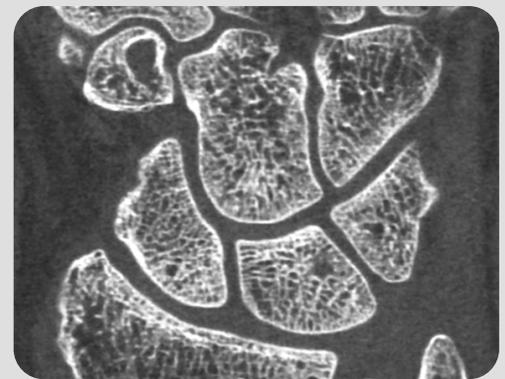
X-RAY



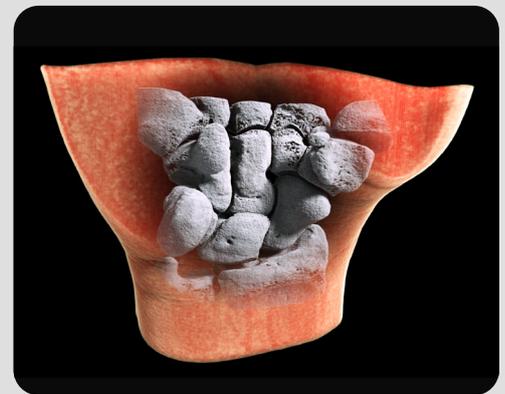
MDCT



MARS CT



Coronal Reconstruction on Marsvision



Color rendered 3D on Next Gen Marsvision

Medipix3 detector developed at CERN ³



HYPER LOW DOSE IMAGING

- Unique photon counting detector technology
- 5 times lower dose ²
- Shorter geometry design





Advanced 3D rendering on Next Gen Marsvision



Advanced 3D rendered imaging on Next Gen Marsvision



Color 3D rendered imaging on Marsvision



Native Advanced Metal Artifact Reduction



SPACE EFFICIENT DESIGN

- Only requires 0.8 sq meter area
- Scanner on wheels
- Plug & play
- No Lead shielded room required





BRINGING ADVANCED IMAGING TO THE COMMUNITY



Technical Specifications

Detector : CdTe PCD

X-ray Tube : 25KHU

Current : 0.010-0.35 mA

Gantry Bore : 12cm

MARS Vision software

REFERENCE

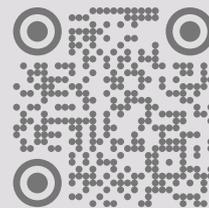
¹ Metal Artifact Reduction can be achieved through post scan reconstruction. It is not a post processing algorithm.

² 5 times lower dose calculated under skin dose category and achieved during a phantom scan study in Mars CT scanner and compared to 64 rows MDCT

Marsvision is a Mars proprietary post processing software

Next Gen Marsvision software under development and available in future release

³ CERN is the world's largest particle physics facility based in Geneva



Please scan me for more.

CONTACT US

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Specifications subject to change without notice.

Doc-1, version 1 - Extremity Scanner