



Trueview



Enhanced multi-energy
Cone Beam CT



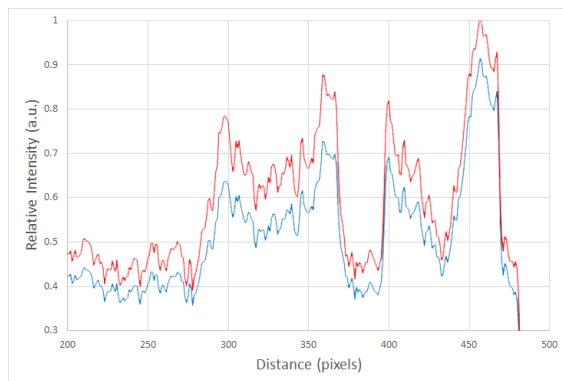
IBEX Trueview

- Gridless scatter-correction for CBCT
- Materials composition from single energy scans
- Compatible with any CBCT system

Gridless scatter correction

Accurate scatter correction based on X-ray physics.

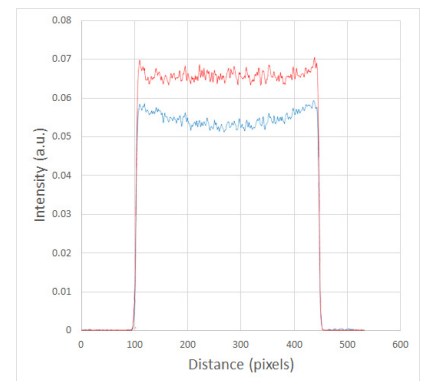
Effective for any body part – no prior knowledge of morphology required.



Line profile through knee with Trueview correction (red) and without (blue)



IBEX Trueview

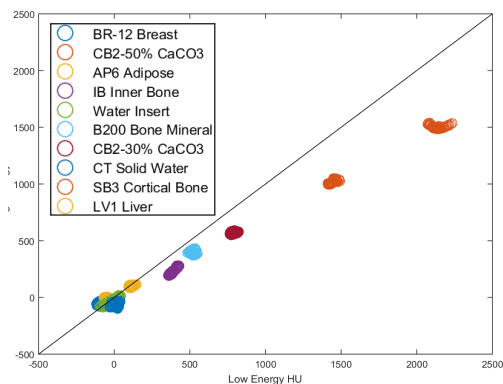


Line profile through water bottle with Trueview correction (red) and without (blue)

Materials Composition

Electron density and Z_{eff} from a single energy CBCT scan.

Outputs compatible with Dual Energy reconstruction algorithms.



System Description

Component parts: Thin passive metallic structure added between patient and detector

Software DLLs integrated to system imaging chain

Compatibility: CMOS and TFT flat panel detectors – no size limitation



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