Image enhancement plugin for CBCT reconstruction

IBEXTrueview®
CBCT
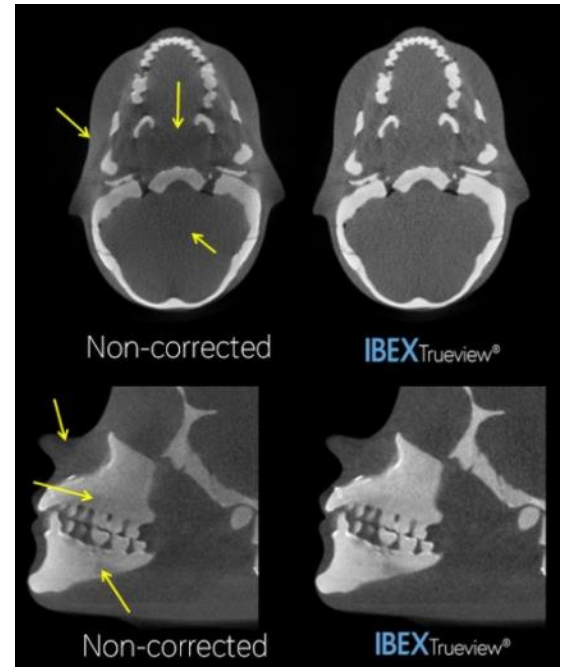
Supercharge your reconstruction engine with IBEX Trueview®

Physics and AI engine

Trueview is a powerful physics and AI engine that models all X-ray interactions between source, patient and detector. The outputs of the engine can be used to perform novel image enhancements such as accurate scatter correction and advanced denoise. Trueview is an image pre-correction so easily bolts-on to any reconstruction engine or algorithm.
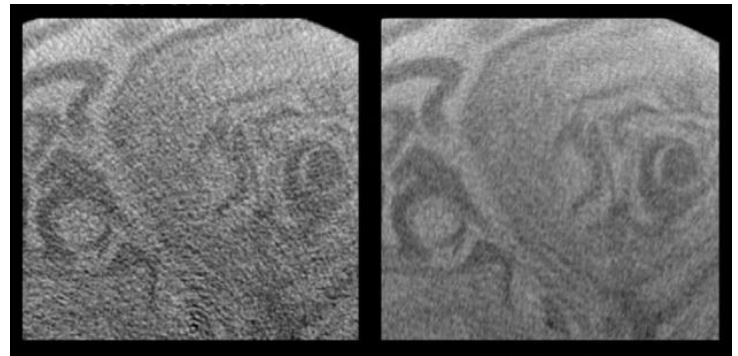

Non-corrected · IBEXTrueview®

Delivering Enhanced Image Quality

- Improved Hounsfield unit accuracy
- Bone and soft tissue contrast improved by up to 50%
- Reduced noise enabling low dose
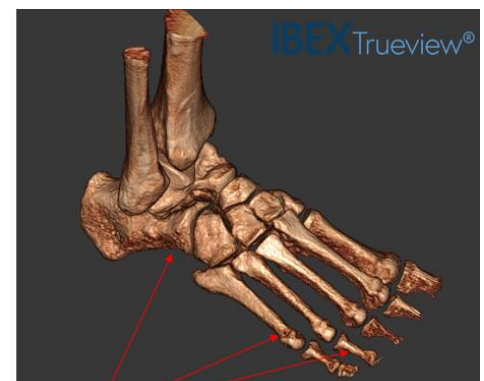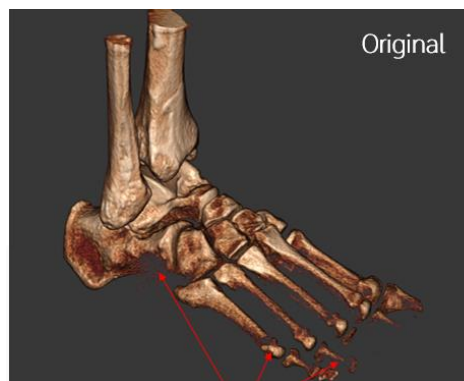- Reduced artefacts

Clinical Applications

- Orthopaedic and weight bearing 3D imaging
- Dental & Cranial 3D imaging
- C-arm Interventional radiology 2D/3D imaging
- Image guided radiation therapy

Performance

- Ultrafast operation, less than 50ms/frame
- Stable, Easy to use API supporting C, C++ and C# interfaces

Original · IBEXTrueview®

Learn more

Email us today at enquiries@ibexinnovations.co.uk to learn how Trueview for CBCT can improve your reconstruction engine.