

MORITA

Thinking ahead. Focused on life.

3D Accuitomo 170

High quality images with low radiation exposure



Highlights

- Freely positionable in the entire head area
- Easy positioning due to scout function and laser light sights (Positioning via monitor possible)
- Highest resolution: over 2 lp/mm with a voxel size up to 0.08 mm
- Different FOVs can be displayed depending on the indication



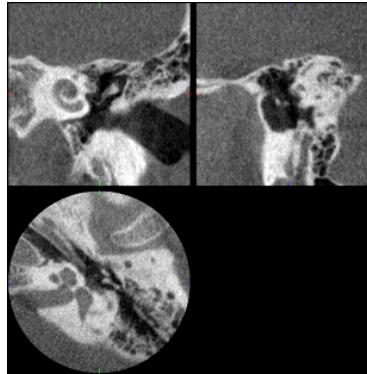
- Zoom reconstruction also possible afterwards up to 80 μm
- Incl. capture, server PC and diagnostic monitor
- DICOM 3 standard
- VDDS*
- 3 years warranty

* VDDS is the interface for the exchange of multimedia data between the practice management software and the X-ray / camera software from the Association of German Dental Software Companies.

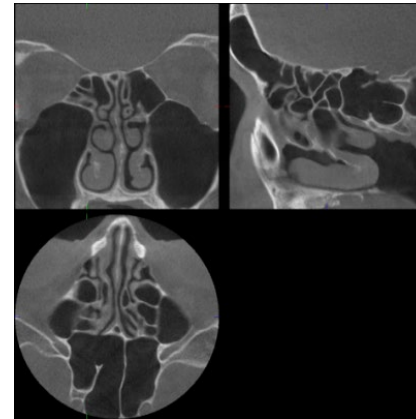


Fields of View

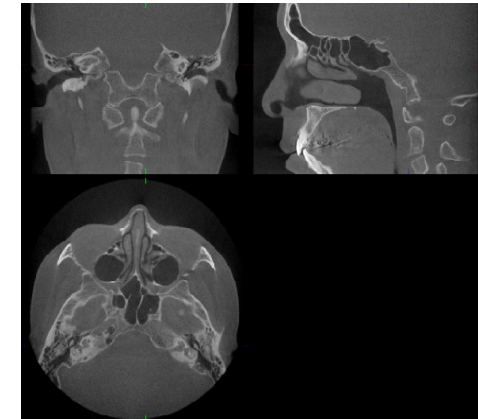
- 9 fields of view
- Appropriate FOV – sizes can be selected as required for a variety of clinical indications
- With a voxel size of minimum 80 μm



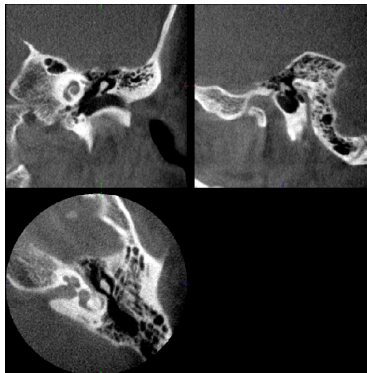
$\Phi 40 \times 40 \text{mm}$



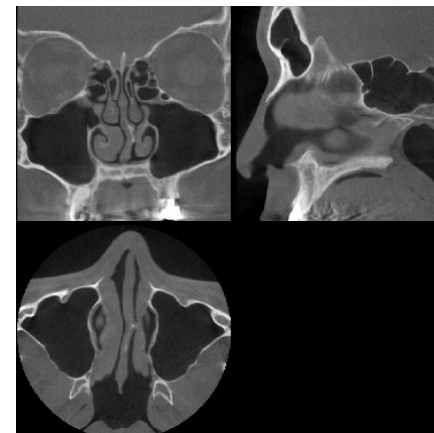
$\Phi 80 \times 80 \text{mm}$



$\Phi 170 \times 120 \text{mm}$



$\Phi 60 \times 60 \text{mm}$



$\Phi 100 \times 100 \text{mm}$

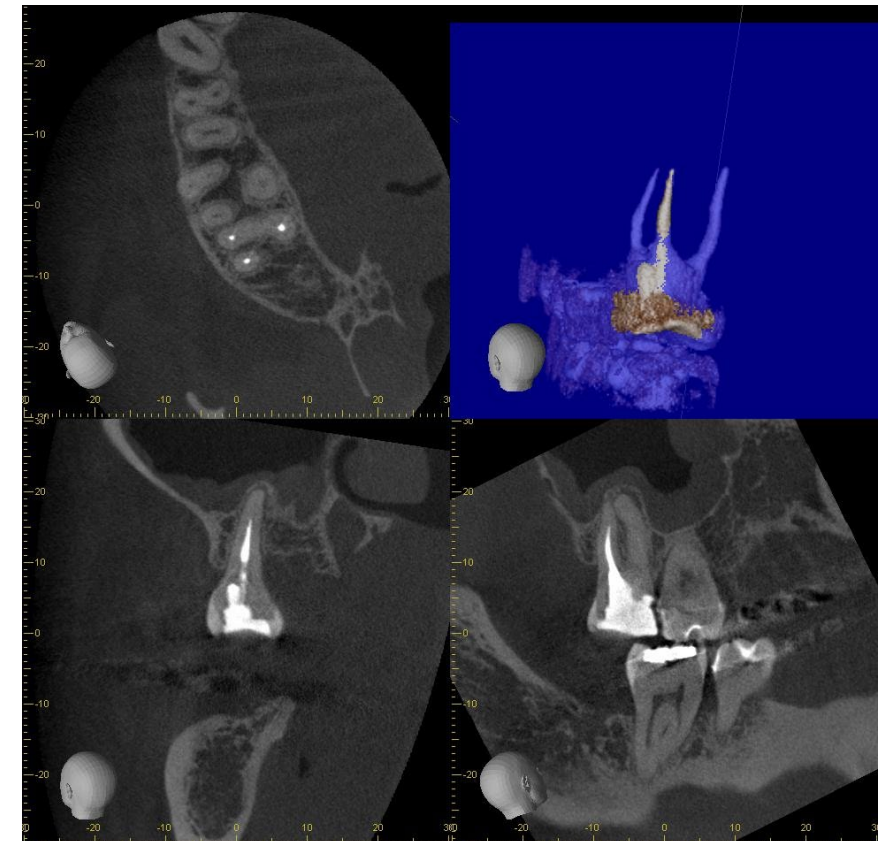
Clinical indication periodontology

- Depiction of the marginal bone structure
- Three-dimensional depiction of periodontal pockets and furcation infestation



Clinical indication endodontics

- Structure of the root canals
- Length determination
- Redundant canals
- Anatomical variations



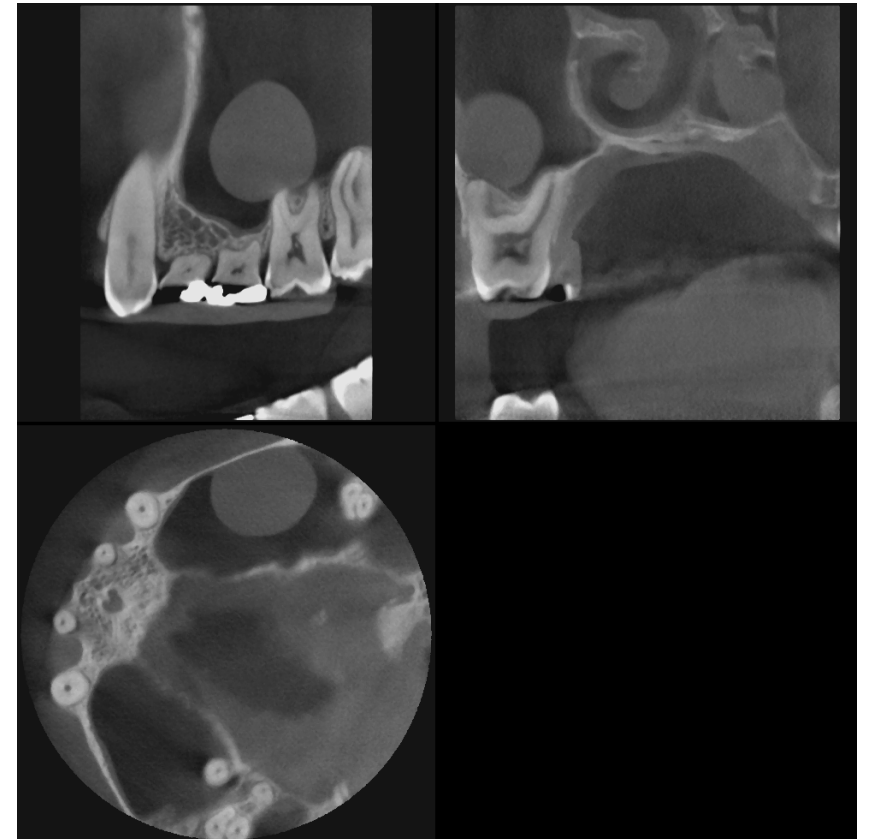
Clinical indication orthodontics

- Formations of the roots
- Position of the teeth and dental buds
- Resorptions
- Movement impediments
- Presence of a periodontal gap (Ankylosis)

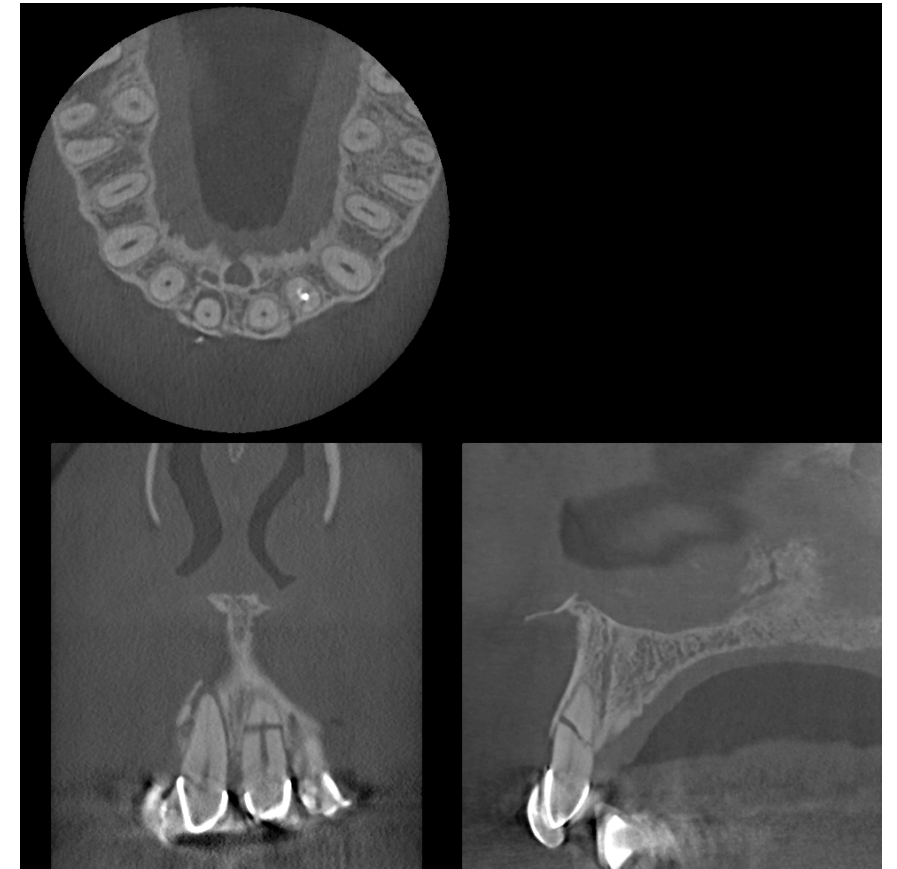


Clinical indication dental surgery

- Apical periodontitis
- Radicular cysts



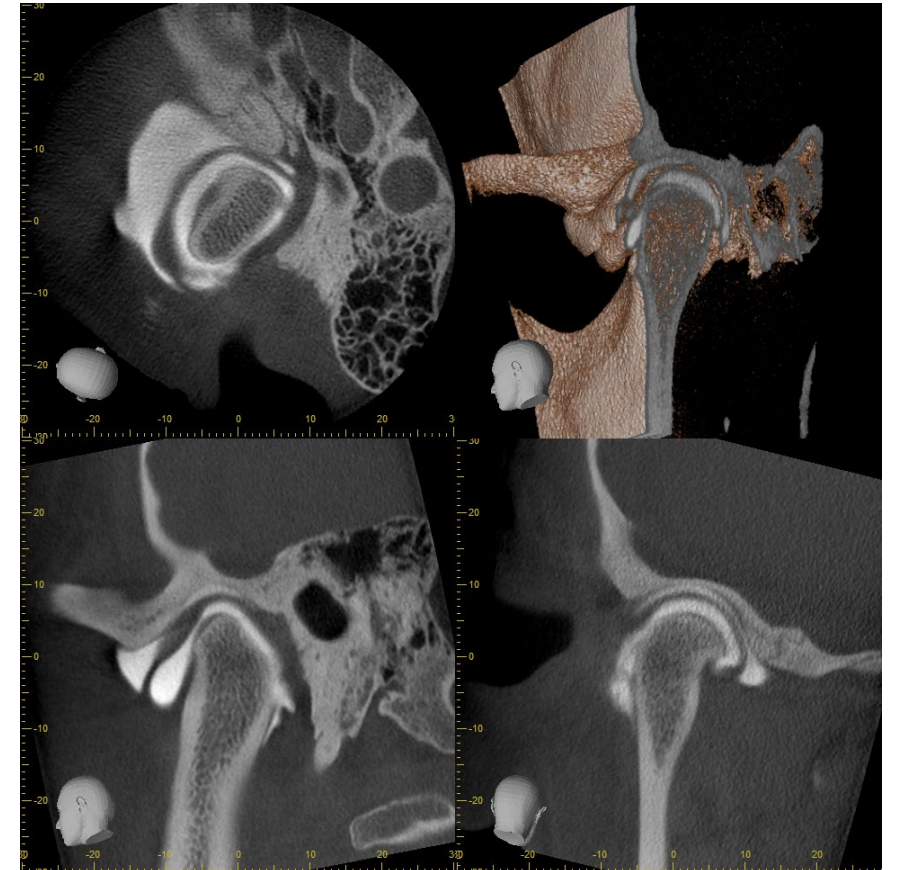
- Pre- and post-operative for depicting important anatomical structures (course of the inferior alveolar nerve, mental foramen, nasal floor, bony sinus boundaries) for the dental surgery procedures, fractures



- Implantat planning and control
- Patients with lip-palate-jaw clefts
(Depiction of the bone structure in the region of the cleft jaw)

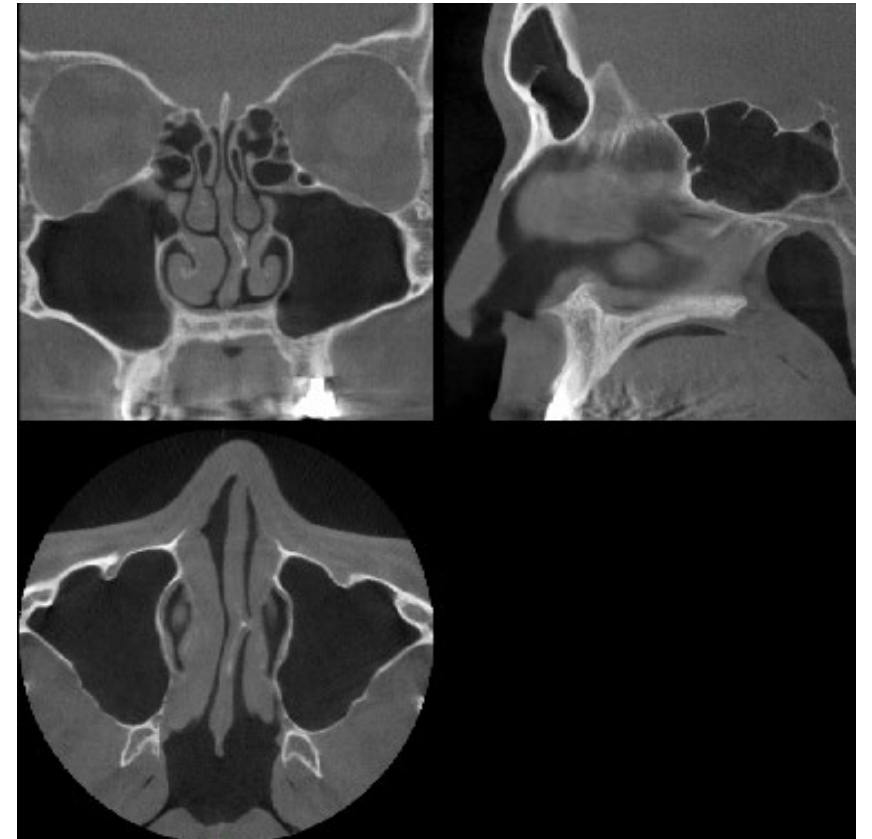


- Temporomandibular joint (TMJ)

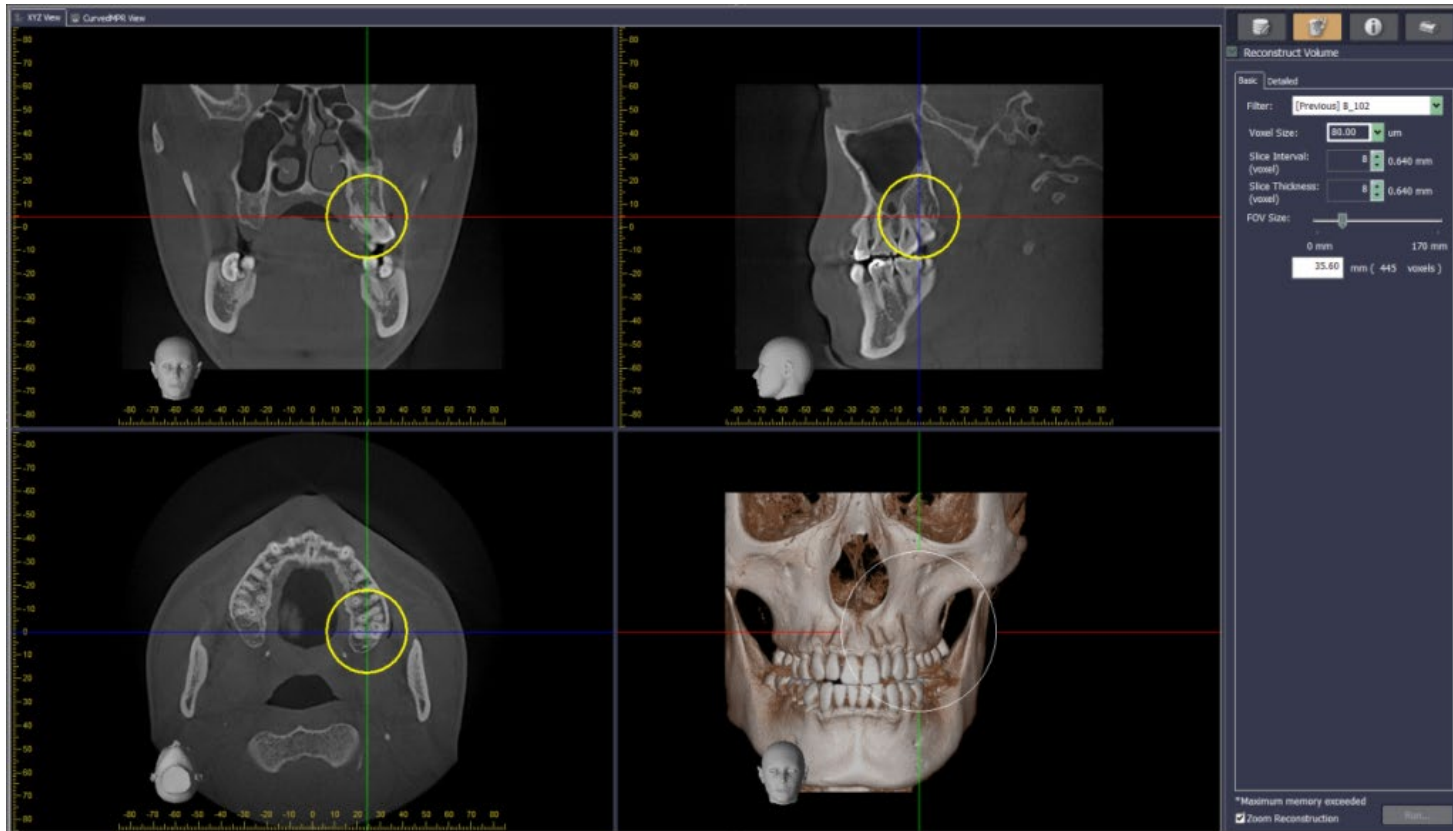


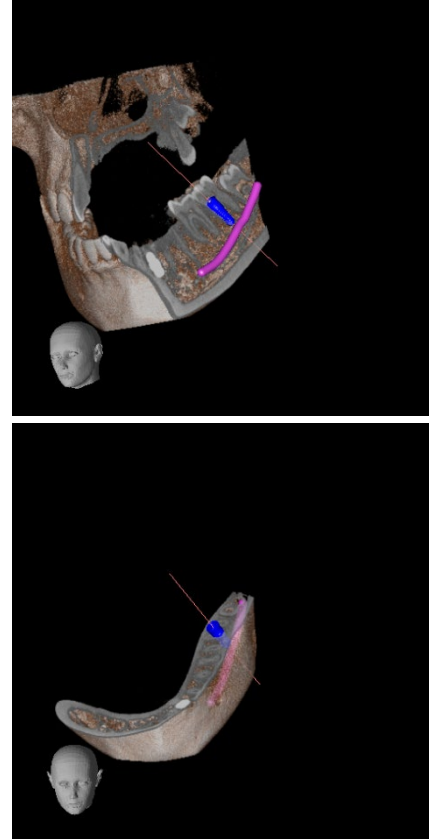
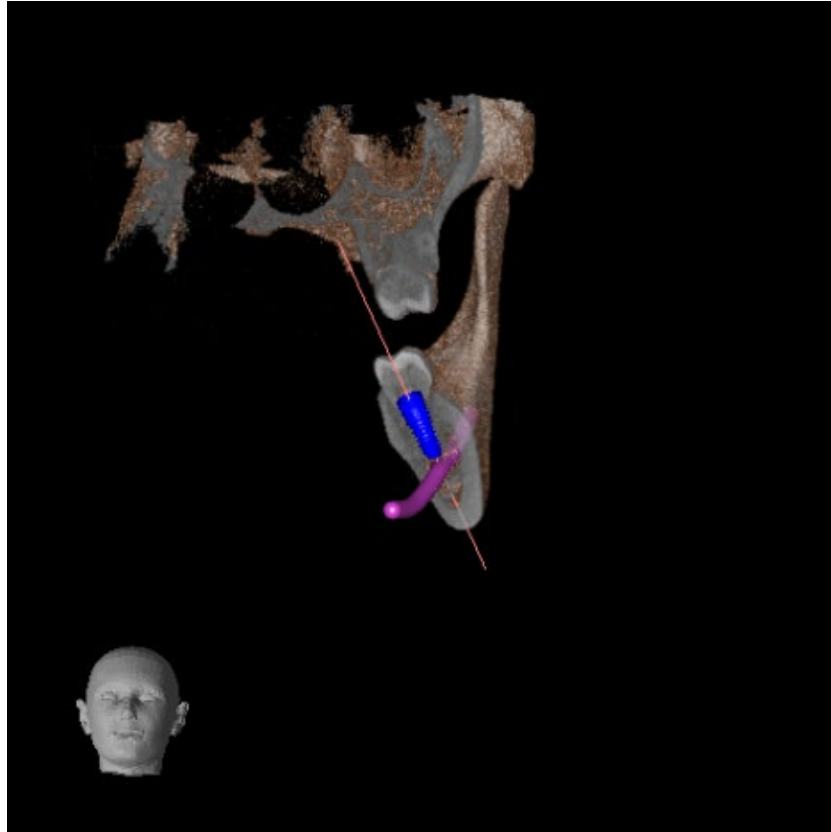
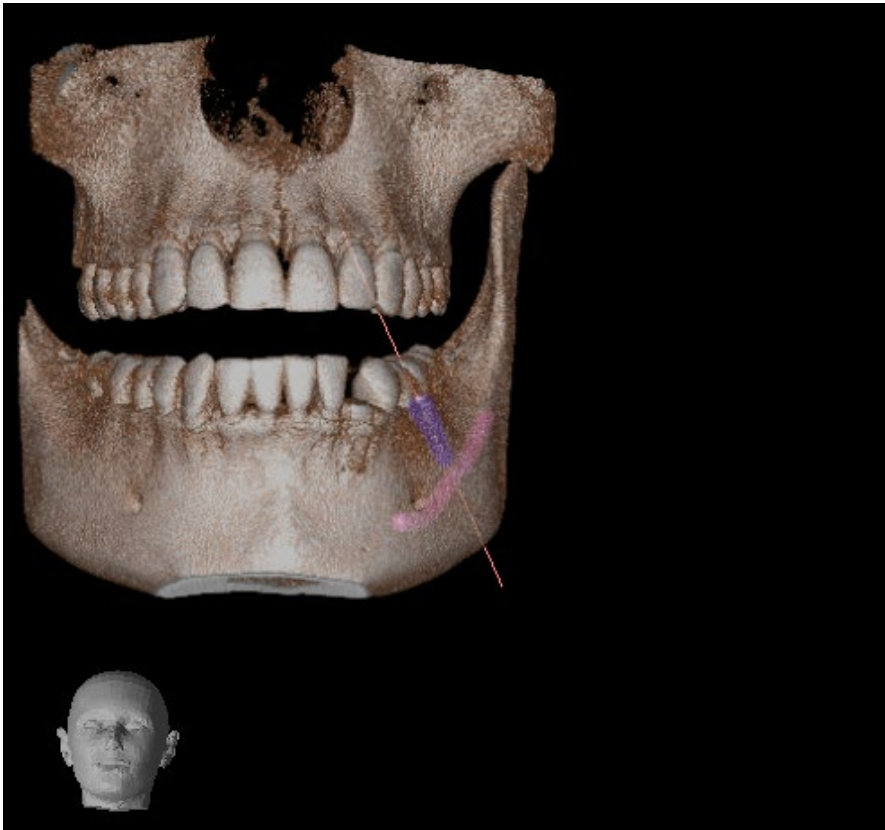
Clinical indication Ear-Nose-Throat

- Paranasal sinuses
- Fractures
- Sleep medicine
- Inner ear
- CI Situation control

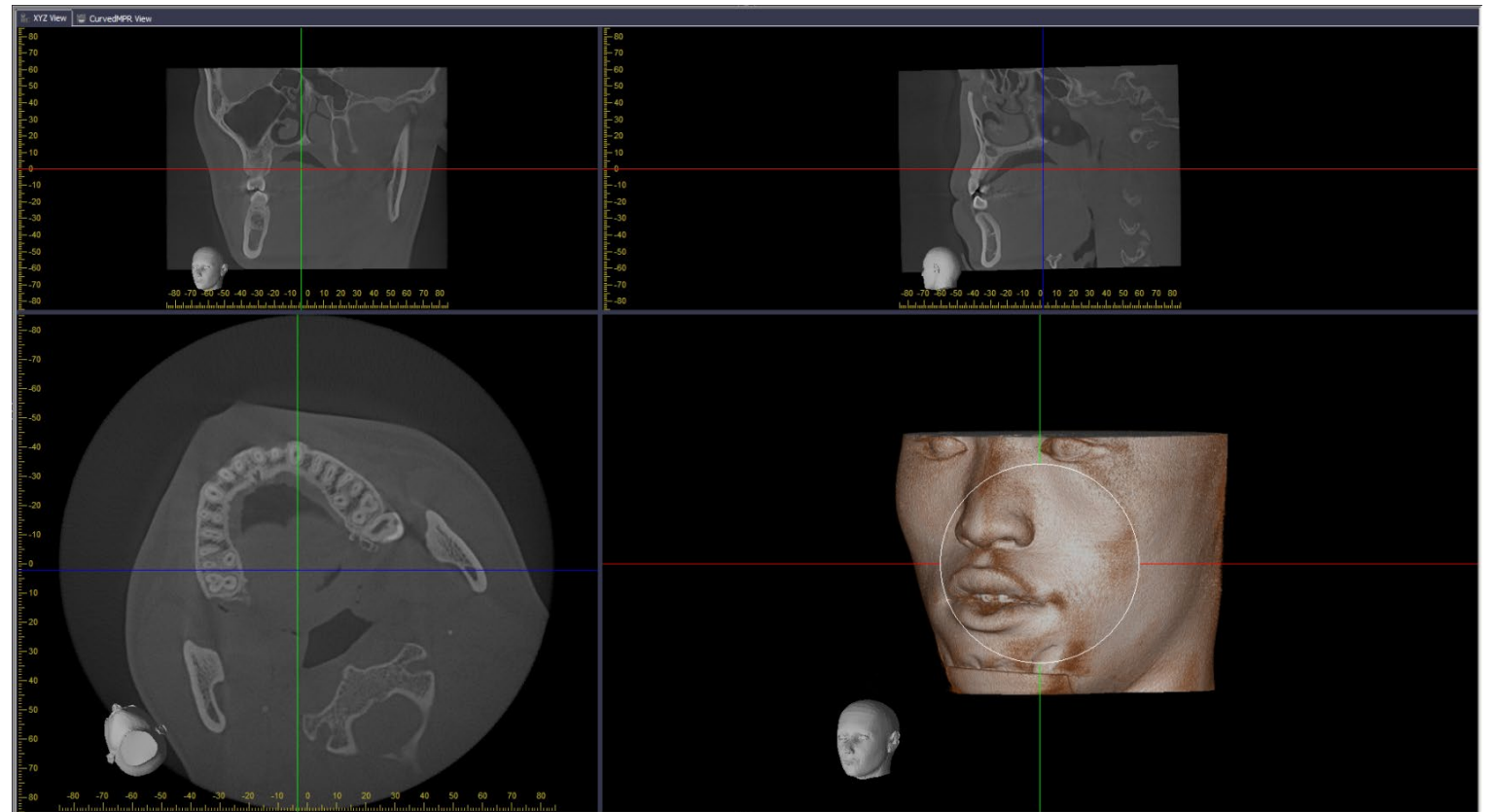


Volume rendering

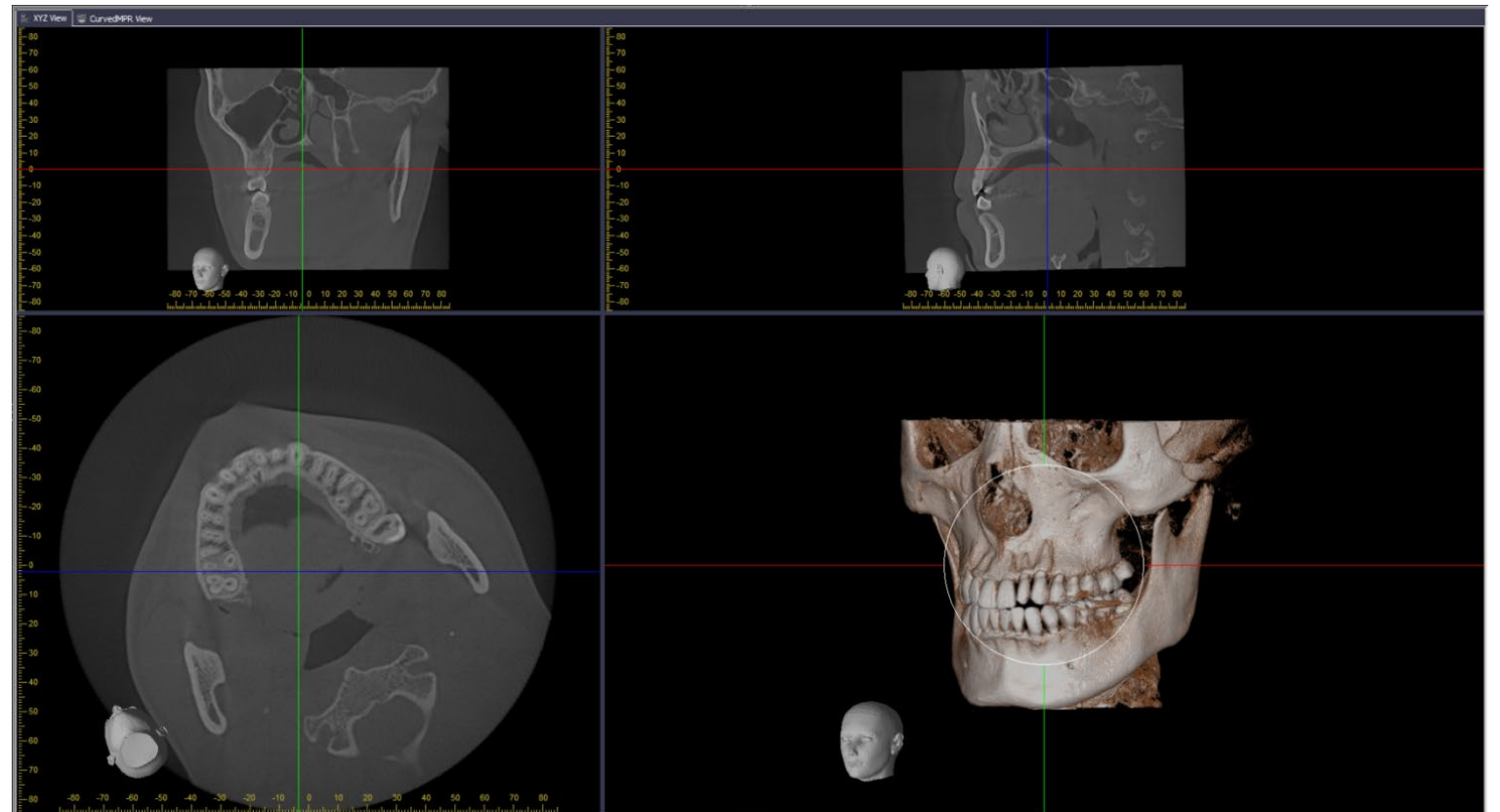




Soft tissue



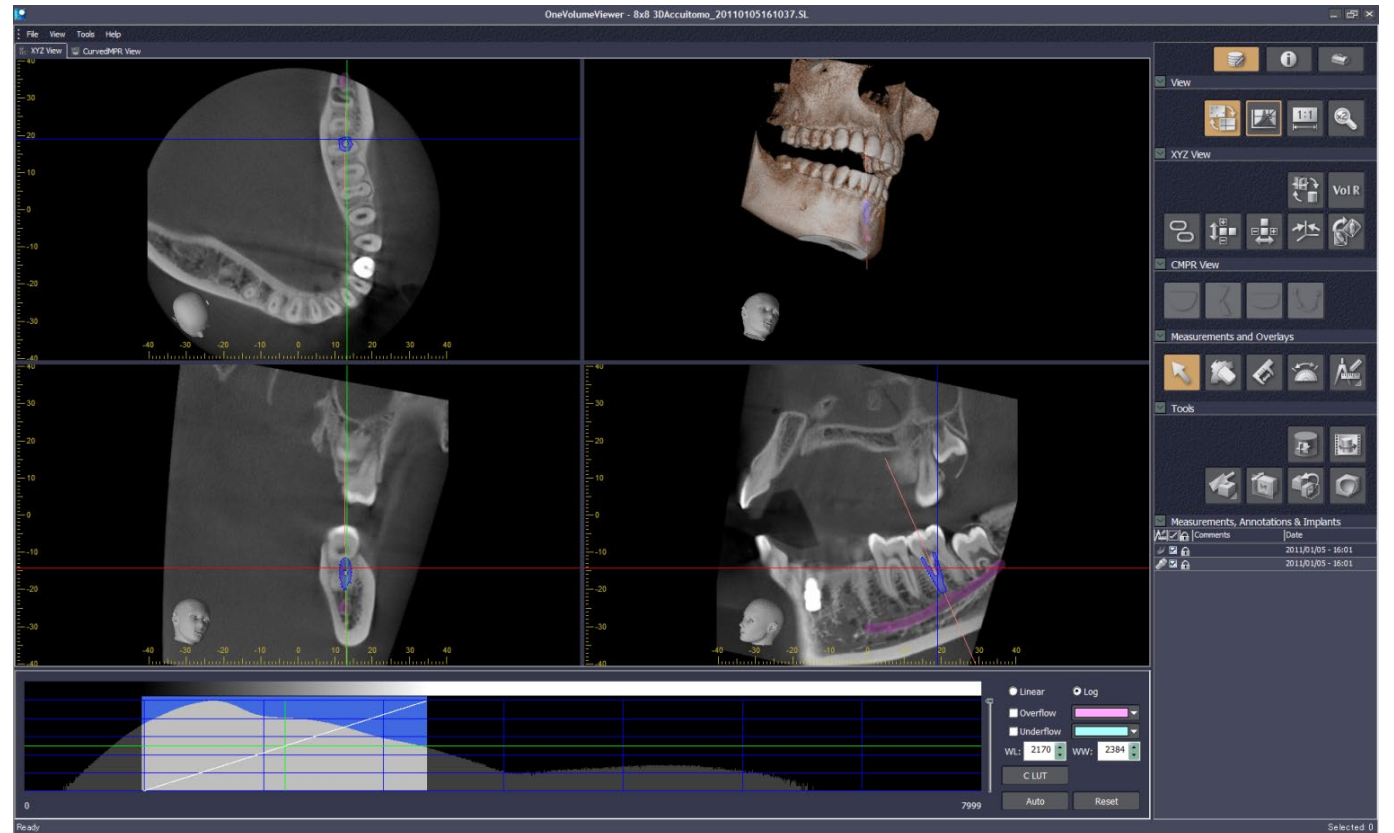
Hard tissue



Curved MPR (Multi-Planar Reconstructions)

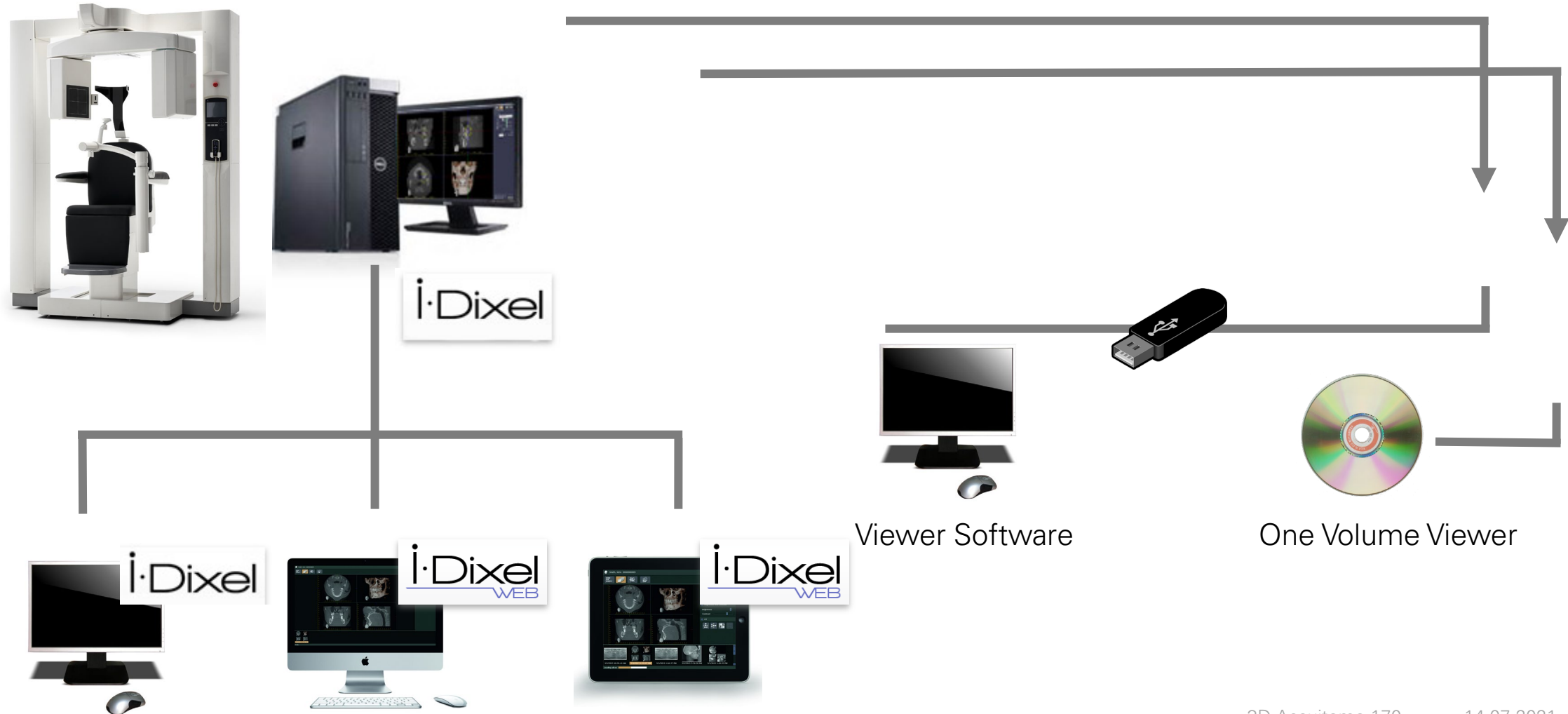


One Data / Volume Viewer (plus) Export



Internal and external networks

DICOM 3.0 Standard PACS, RIS



Thank you!

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