

Clinical Results - Cardiac

Atrial Fibrillation (ECG-gated)

Patient History

male, 58 years, 178 cm, 86 kg

Diagnosis

Atrial Fibrillation

Comments

The 3D image visualizing the left atrial morphology was generated by 4

subsequent ECG triggered synchronized rotational C-arm angiography runs during peripheral venous injection (right arm) of diluted contrast agent with 15 sec scan delay. Cardiac gating (~60 to 70% of R-R interval) was applied during 3D reconstruction in order to achieve optimal time resolution. Visualization: Volume rendered technique.

syngo DynaCT Cardiac

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Case Images and Movies

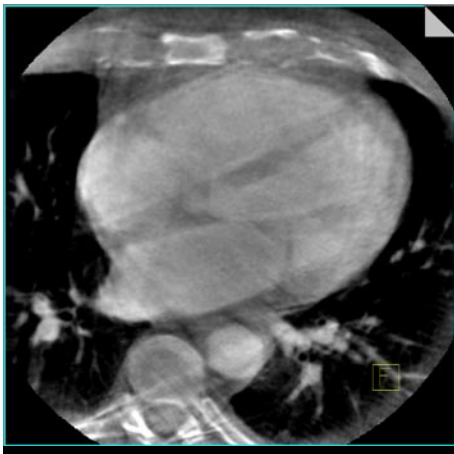
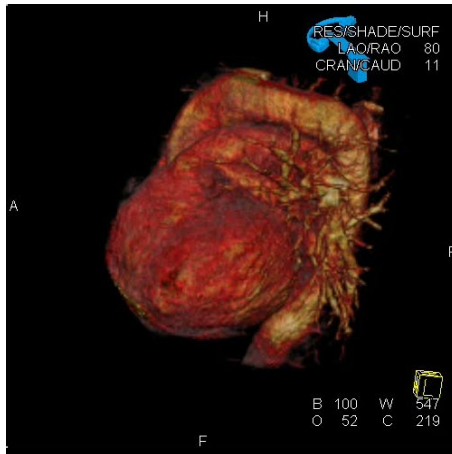
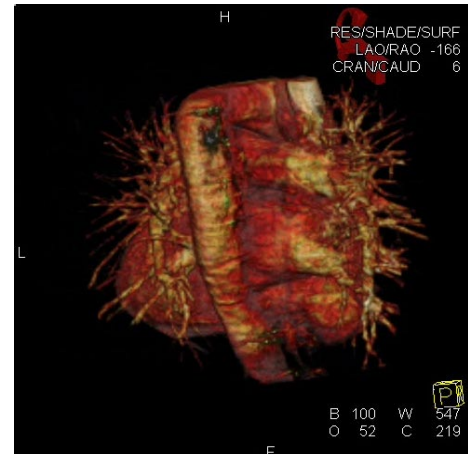


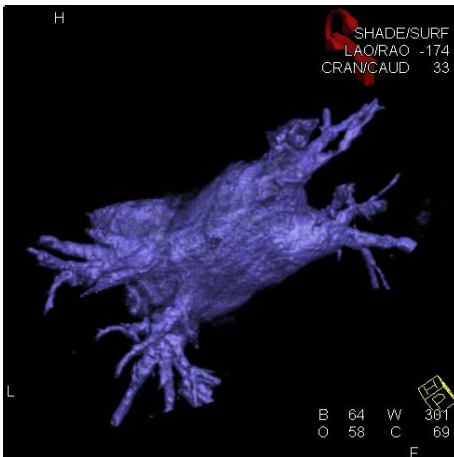
Image: MPR axial



Moviestill: VRT image of heart



Moviestill: VRT image of heart



Moviestill:
syngo InSpace EP - segmentation of LA



Moviestill:
syngo InSpace EP - segmentation of LA

Images are courtesy of Stanford University, Dr. Fahrig, Dr. Alahmad

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syngo DynaCT enhances your diagnostic and therapeutic capabilities in the interventional suite by enabling you to acquire full-focus images with your AEC09. Adds large detector systems not available with AEC09 and (DRF).

Improved patient management during interventional procedures by:
 - Enhancing decision-making with additional software information
 - Virtually placing patient transfer to CT

For more case images and movies visit the syngo DynaCT Website at:

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The required features should therefore be specified in each individual case at completion of contract.

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