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Prospective Study

15 Follow-up of endovascular aortic aneurysm repair: Preliminary validation of digital tomosynthesis and **5** contrast enhanced ultrasound in detection of medium- to long-term complications

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Abstract

AIM: to validate, the feasibility of digital tomosynthesis of the abdomen (DTA) combined with **12** contrast enhanced ultrasound (CEUS) in assessing complications after endovascular aortic aneurysm repair (EVAR), assuming **31** computed Tomography Angiography (CTA) as gold standard.

METHODS: for this prospective study we enrolled 163 patients (123 men, mean age, 65.7 years) referred for CTA for EVAR follow-up. CTA, DTA and CEUS were performed at 1 and 12 months in all patients, with a time interval at maximum of 2 days.

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