

Giant Abdominal Aortic Aneurysm: A Wonderous Image With Multidetector Computed Tomographic Angiography

Dev Abdominal Aort Anevrizması:
Çok Kesitli Bilgisayarlı Tomografi ile Eşsiz Görüntüsü

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Keywords: Aortic, aneurysm, tomography, abdomen, giant

Anahtar Kelimeler: Aort, anevrizma, tomografi, abdomen, dev

Geliş Tarihi: 13.11.2016 - **Kabul Tarihi:** 19.11.2016

A 76-year-old male patient was admitted to our emergency department with abdominal pain that became more intense in the last two days. His medical history was notable for hypertension, severe chronic obstructive pulmonary disease (COPD) and abdominal aortic aneurysm. Multidetector computed tomographic angiography (MDCT) showed a giant aortic aneurysm with a diameter of 11x12 cm initiating from 2 cm below the right renal artery orifice (figure 1a, 1b, 1c). Bifurcated stent prothesis (Bolton Medical, Treovance) was implanted in a usual manner (figure 2a and 2b). The patient was discharged on postoperative day 2.

Ruptured abdominal aortic aneurysms (AAAs) cause 12,000 deaths per year, 8,000 of these are infrarenal. (1) Aneurysm size is the most important factor related to likelihood of rupture, and the risk increases substantially in large aneurysms. There is a few cases with maximum diameter > 10 cm have been reported in the literature. (2) Furthermore , our MDCT scan view with three-dimensional reconstruction is wonderous (figure 1a).

REFERENCES

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LEGENDS

AAAs: Abdominal Aortic Aneurysm

COPD: Chronic Obstructive Pulmonary Disease

MDCT: Multidetector Computed Tomographic Angiography

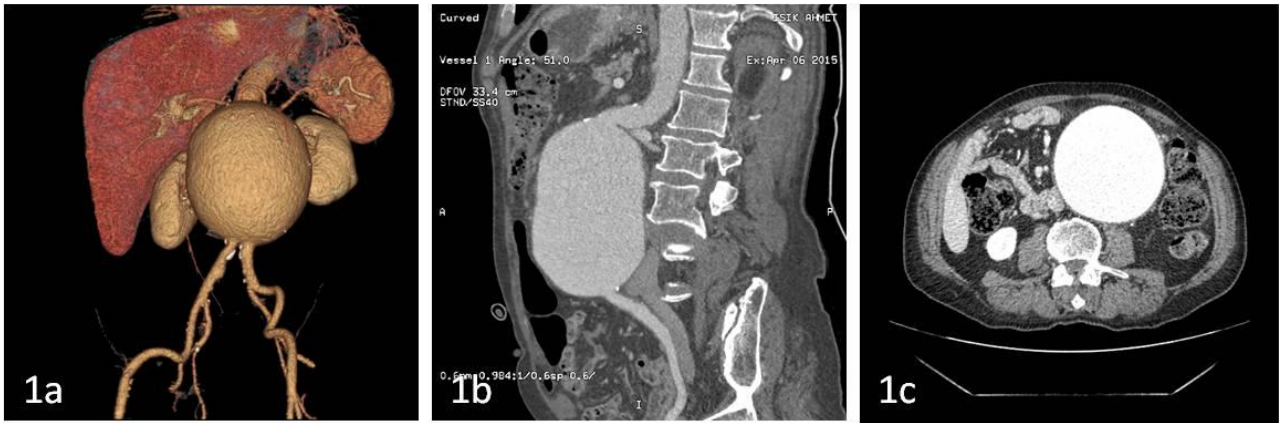


Figure 1a, 1b, 1c. : Torachoabdominal computerized tomographic angiographic images of the aneurysm.

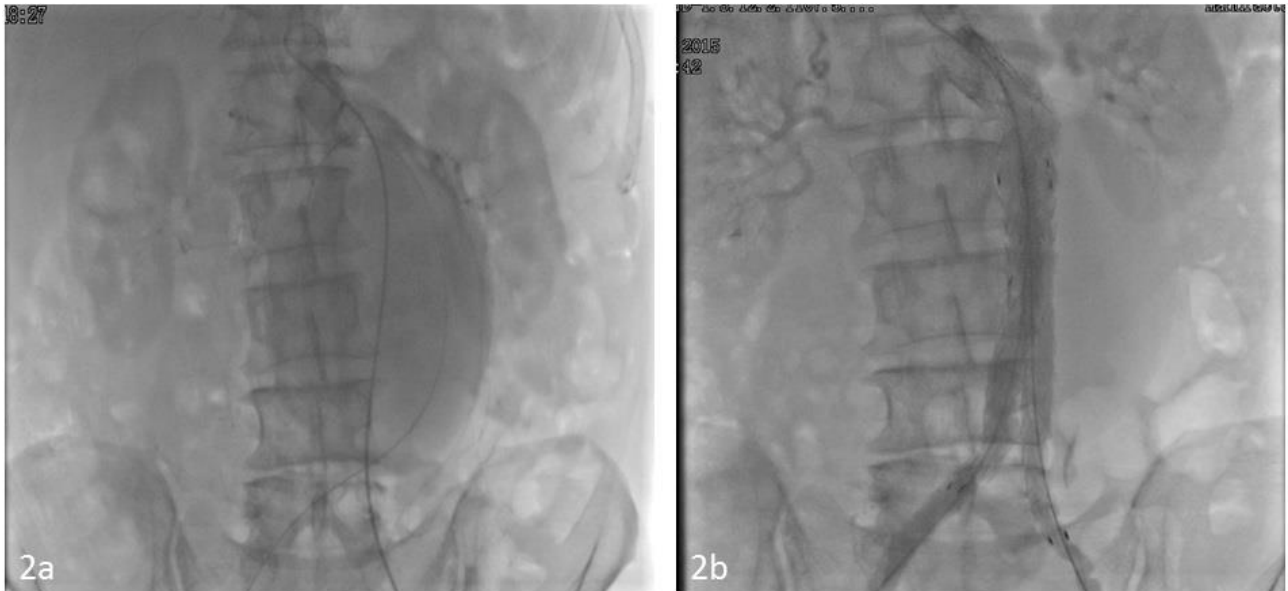


Figure 2a, 2b. : A bifurcated stent prosthesis was implanted in a usual manner.