Transapical aortic valve implantation after ascending aortic endovascular repair

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We report on a 81-year old male patient undergoing successful transapical transcatheter aortic valve implantation (TAVI, 29 mm Edwards SAPIEN™, Figs 1 and 2) 15 months after thoracic endovascular aortic repair (TEVAR) of the ascending aorta (40 × 40 × 100 Valiant). Conditions precluding aortic clamping such as porcelain aorta or TEVAR expand the indications for TAVI.

Figure 1: Positioning of the valve.

Figure 2: Final result.