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Endovascular repair of a penetrating aortic ulcer with a custom-made Relay stent-graft featuring a single celiac trunk fenestration and a superior mesenteric artery scallop

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1 CASE REPORT

3 TITLE

4 Endovascular repair of a penetrating aortic ulcer with a custom-made Relay stent-
5 graft featuring a single celiac trunk fenestration and a superior mesenteric artery
6 scallop

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16 ABSTRACT

17 We report the case of a 70-year-old man with an asymptomatic, fast-growing,
18 paraceliac penetrating aortic ulcer (PAU). Guidelines recommend endovascular
19 repair if an asymptomatic PAU shows a mean growth rate ≥ 5 mm per year: this
20 patient's maximum aortic diameter was 47 mm but had increased 10 mm in the
21 previous year. The very short sealing zones required a custom-made stent-graft. A
22 custom-made Relay stent-graft with a single celiac trunk fenestration, a superior

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