A 43-year-old female sustained blunt trauma after a motor vehicle collision. Computed tomography (CT) angiogram revealed a displaced left fifth rib fragment impinging on the descending thoracic aorta (Figs. 1 and 2). On hospital day 3, she underwent surgery with excision of the rib fragment and direct aortic repair. She recovered well and was discharged on postoperative day 11.

**Fig. 1.** CT angiogram revealing fragment of fractured left fifth rib impinging on descending thoracic aorta, the patient also had lung contusions, multiple other rib fractures as well as pelvic fracture.

**Fig. 2.** Three dimensional reconstruction of the CT angiogram. After dealing with more urgent life threatening injuries, this condition should be addressed to prevent delayed rupture.