Correspondence

Letter by Kakkos et al Regarding Article, “Periaortitis as a Rare Complication After Endovascular Aneurysm Repair”

To the Editor:

We read with great interest a report by Frech and colleagues,1 who describe a rare case of periaortitis following endovascular aneurysm repair, published recently in Circulation. The authors acknowledge the fact that “secondary periaortitis after endovascular aneurysm repair (EVAR) seems to be a rare complication”; however, no further information was provided for humans.

Inflammatory transformation of abdominal aortic aneurysms as a result of a spontaneous process,2 or following EVAR,3,4 indeed, has been rarely reported. A similar process can occur after placement of a covered stent for nonaneurysmal disease.3 In a consecutive series of ≈300 EVAR procedures performed in our department, we have twice encountered this rare complication.

Originally thought to occur only with polyester grafts,3 abdominal aortic aneurysm inflammatory transformation after EVAR has also been reported in association with polytetrafluoroethylene endografts,4 in addition to 1 of the 2 anecdotal cases of ours mentioned above.

This rare entity appears usually within the first year after EVAR, and clinicians should be aware of abdominal aortic aneurysm inflammatory transformation after EVAR to treat it promptly and avoid renal morbidity.

Disclosures

None

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