

## INTRODUCTION

- Stent Extrusion is a complication that can occur after peripheral vascular stent placement
- There is limited understanding of this rare late term complication.

## CASE PRESENTATION

- 65-year-old woman presented with painful thigh mass after SFA stenting 12 years ago
- Underwent surgical removal of occluded and infected right SFA stents that extruded into the muscle of the thigh
- At 6 month follow up, patient is currently doing well and has no ischemia (CLI symptoms).

## DISCUSSION

- Rare late complication and presentation of SFA angioplasty and stenting
- Few reported cases
- Limitations: single case

## FIGURES



**Figure 1:** A) occluded SFA pre-treatment in 2007. B) occluded right SFA stent 1 year after initial angioplasty and stent placement. C) post-treatment angiogram after recanalization of occluded left SFA.



**Figure 2:** CT Angiogram with extruded right SFA stent and occluded right SFA 12 years after initial treatment

## CONCLUSIONS

- Stent extrusion of the SFA is a complication physicians should account for when placing stents and following patients post procedure.
- Future studies necessary to evaluate implications of stent extrusion in other locations and management options.

### Comparison of Case Report to Other studies

<b>Pecararo et al. (2015)</b>	A stent-graft extrusion with Staphylococcus Aureus infection in an elderly male treated for an SFA aneurysm two years after placement with no claudication or hemorrhagic symptoms. No vascular reconstruction performed because of lack of ischemic symptoms.
<b>Aaronson et al. (2015)</b>	Carotid stent extrusion following carotid blowout suggested superficial skin infection and radiation therapy as predisposing factors to stent infection and extrusion. No vascular reconstruction was performed.
<b>Current case</b>	Patient underwent successful surgical removal of four extruded and infected SFA stents 12 years after percutaneous transluminal angioplasty stenting in right lower extremity. No vascular reconstruction performed because of lack of ischemic symptoms.

## REFERENCES

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