MUCISTIC AORTIC ANEURYSM SECONDARY TO INTRAVESICAL BACILLE CALMETTE-GUÉRIN INSTILLATION – IS ENDOVASCULAR APPROACH AN EFFECTIVE SOLUTION?

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BACKGROUND

Bacille Calmette-Guérin (BCG) is a live attenuated strain of Mycobacterium bovis used in the treatment of bladder carcinoma. Mycotic aortic aneurysm is an extremely rare and potentially fatal complication of BCG intravesical immunotherapy.

PURPOSE

The authors report a successful endovascular treatment of a mycotic aortic aneurysm secondary to BCG.

CASE PRESENTATION

80 year old, male
- Hypertension; Dyslipidemia
- Kidney cancer
  - Right nephrectomy 5 years before
- Bladder cancer
  - Surgery 18 months before
- BCG intravesical therapy 12 months before, interrupted after 6 months due to ocular complications

CONCLUSION

Endovascular approach represents a viable and less invasive solution to repair these aneurysms with characteristics that may difficult surgical management and in elderly patients.

DISCLOSURES

I have no actual or potential conflict of interest in relation to this presentation.