

















TYPE I ENDOLEAKS

- Higher risk of rupture - 4-8% in two years Primarily related to the anatomy at time of index repair
- Treatment is primarily endovascular Balloon Cuffs

- Fenestrated conversion Endoanchors
- Coil/glue Challenging for previous F/BEVAR grafts





Strong High

MAYC CLINI

IMMEDIATE TYPE I ENDOLEAKS

 Concern for maintenance of high arterial pressure in the aneurysm sac

• Translating, in theory, into similar or increased risk of aneurysm rupture





IMMEDIATE TYPE I ENDOLEAKS

- Direct therapy is advised for type la endoleaks detected on completion an<u>eioeram</u>
- Additional int procedures often chailenging or not possible
- Open conversion highly morbid Fenestrated conversion
- Fenestrated conversion technically demanding





TYPE II ENDOLEAKS

- Most common / 50% of endoleaks
- Less aggressive intervention
 5 → 10 mm growth
- More aggressive investigation
- Rule out type I or III endoleaks
- Extremely rare to cause rupture or to progress to type I



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CONCLUSION

- Endoleaks continue to plague patients after EVAR / FBEVAR
- Management has become less aggressive over time...
- ...but indications for reinterventions are still led by endoleaks
- Precise diagnosis of the endoleak type and source is the most critical aspect in reintervention planning and prevention of rupture



