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主題：

The Lost Ark: Open Surgery for Contemporary Thoracic and Thoracoabdominal Aortic Surgery

摘要：

Over the past decades, thoracic and thoracoabdominal aortic surgery has evolved from traditional open surgical repair (OSR) to endovascular aortic repair (EVAR). While EVAR initially emerged as a revolutionary minimally invasive alternative, long-term follow-up studies have highlighted significant concerns. Despite the initial advantages of EVAR, OSR continues to demonstrate superior long-term durability and freedom from reintervention, particularly in younger patients and cases with complex anatomy.

Contemporary open surgical techniques, enhanced by modern perioperative care and surgical innovations, have shown improved outcomes compared to historical data. Consequently, for certain aortic dissections and complex thoracoabdominal pathologies, open surgery remains the gold standard in selected patients, offering definitive treatment with acceptable morbidity rates. Furthermore, in the era of endovascular procedures, there has been an increase in open conversions with stent removal to address late complications in the descending aorta and complex thoracoabdominal aortic lesions.

This presentation will outline the advancements in surgical techniques from past to present, discuss complications associated with current thoracic, abdominal, and thoracoabdominal aortic aneurysm surgeries, and share some of our hospital's experiences in managing these cases.