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主題：

Spinal Cord Protection for Thoracoabdominal Aortic Surgery

摘要：

Spinal cord ischemia (SCI) is a well-known potentially devastating complication of thoracic and thoracoabdominal aortic aneurysm (TAAA) repair. Although rates of after aortic surgery have decreased from a historical 15% to 30% to 4% to 10% in contemporary series for open TAAA repair or in the endovascular (TEVAR) era. SCI persists Achilles' heel of complex aortic repair.¹

Avoiding SCI during TAAA repair is essential. A variety of strategies can be implemented to prevent SCI, both surgical and anesthetic approaches. Moreover, the 2022 ACC/AHA guidelines make two new class I recommendations for this issue directly affecting anesthesiologists for both open and TEVAR repair, which was summarized in selected highlights special article of JCVA September 2024. We reviewed the current techniques and clinical dilemma for this theme and share the experience of CHGH.