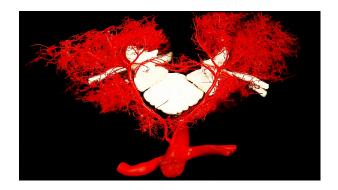


The author declares no conflict of interest

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## Rationale for MIS<sup>2</sup>ACE

Identification of the Collateral Network

→ lead to the concept of staged ,re-routing' of arterial blood flow to avoid sudden ischemic insults

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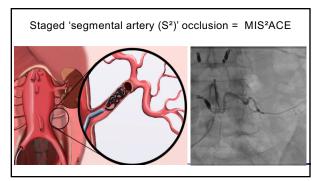
- → lead to the concept of staged ,re-routing' of arterial blood flow to avoid sudden ischemic insults
- → regional arteriogenesis

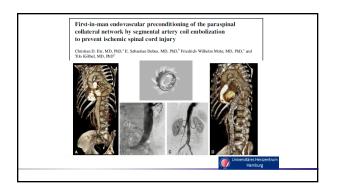
Staged repair significantly reduces paraplegia rate after extensive thoracoabdominal aortic aneurysm repair

Christian D. Etz, MD, PhD, Stefano Zoli, MD, Christoph S. Mueller, MS, Carol A. Bodian, DrPH, Gabriele Di Luozzo, MD, Ricardo Lazala, MD, Konstadinos A. Plestis, MD, and Randall B. Griepp, MD and Caroline Di Luozzo, MD, C

Open surgery, staged repair: SCI reduction from 15% to 0%







Preliminary clinical evidence for MIS<sup>2</sup>ACE

