

Dr. Robert Brenner Publications & Presentations – January 2022

PEER-REVIEWED PUBLICATIONS

1. Hoel RJ, **Brenner RM**, Polly DW Jr. The Challenge of Creating Lordosis in High Grade Dysplastic Spondylolisthesis. *Neurosurg Clin N Am*. 2018 Jul;29(3):375-387.
2. Meffert P, Bischoff MS, **Brenner R**, Siepe M, Beyersdorf F, Kari FA. Significance and function of different spinal collateral compartments following thoracic aortic surgery: immediate versus long-term flow compensation. *Eur J Cardiothorac Surg*. 2014 May;45(5):799-804.
3. Kari FA, **Brenner RM**, Muller CS, Griep RB, Bischoff MS. The staged approach - an overview on a strategy to reduce spinal cord injury in thoracoabdominal aortic aneurysm repair. *Zentralbl Chir*. 2013 Oct;138(5):521-9.
4. Bischoff MS, **Brenner RM**, Scheumann J, Zoli S, Di Luozzo G, Etz CD, Griep RB. Staged approach for spinal cord protection in hybrid thoracoabdominal aneurysm repair. *Ann Cardiothorac Surg*. 2012 Sep;1(3):325-8.
5. Scheumann J, Heilmann C, Beyersdorf F, Siepe M, **Brenner RM**, Böckler D, Griep RB, Bischoff MS. Early histological changes in the porcine aortic media after thoracic stent-graft implantation. *J Endovasc Ther*. 2012 Jun;19(3):363-9.
6. Bischoff MS, Scheumann J, **Brenner R**, Ladage D, Bodian CA, Kleinman G, Ellozy SH, Di Luozzo G, Etz CD, Griep RB. Staged Approach Prevents Spinal Cord Injury in Hybrid Surgical-Endovascular Thoracoabdominal Aortic Aneurysm Repair: An Experimental Model. *Ann Thorac Surg*. 2011 Jul;92(1):138–46.
7. Etz CD, Kari FA, Mueller CS, **Brenner RM**, Lin HM, Griep RB. The collateral network concept: Remodeling of the arterial collateral network after experimental segmental artery sacrifice. *J Thorac Cardiovasc Surg*. 2011 Apr;141(4):1029-36.
8. Etz CD, Kari FA, Mueller CS, Silovitz D, **Brenner RM**, Lin HM, Griep RB. The Collateral Network Concept: A Reassessment of the Anatomy of Spinal Cord Perfusion. *J Thorac Cardiovasc Surg*. 2011 Apr;141(4):1020-8.
9. Bischoff MS, **Brenner RM**, Scheumann J, Bodian CA, Griep RB, Lansman SL, Spielvogel D. Long-term Outcome After Aortic Arch Replacement with a Trifurcated Graft. *J Thorac Cardiovasc Surg*. 2010 Dec;140(6 Suppl):S71-6; discussion S86-91.
10. Etz CD, Zoli S, **Brenner R**, Roder F, Bischoff M, Bodian CA, Di Luozzo G, Griep RB. When to operate on the bicuspid valve patient with a moderately dilated ascending aorta. *Ann Thorac Surg*. 2010 Dec;90(6):1884-92.
11. Etz CD, Bischoff MS, Bodian CA, Roder F, **Brenner RM**, Greipp RB, Di Luozzo G. The Bentall procedure: Is it the gold standard? A series of 597 consecutive cases. *J Thorac Cardiovasc Surg*. 2010 Dec;140(6 Suppl):S64-70; discussion S86-91.

12. Zoli S, Roder F, Etz CD, **Brenner RM**, Bodian CA, Lin HM, Di Luozzo G, Griep RB. Predicting the Risk of Paraplegia After Thoracic and Thoracoabdominal Aneurysm Repair. *Ann Thorac Surg*. 2010 Oct;90(4):1237-45.
13. Zoli S, Etz CD, Roder F, **Brenner RM**, Bodian CA, Kleinmann G, Di Luozzo G, Griep RB. Experimental Two-Stage Simulated Repair of Extensive Thoracoabdominal Aneurysms Reduces Paraplegia Risk. *Ann Thorac Surg*. 2010 Sep;90(3):722-729.
14. Zoli S, Etz CD, Roder F, Mueller CS, **Brenner RM**, Bodian CA, Di Luozzo G, Griep RB. Long-Term Survival After Open Repair of Chronic Distal Aortic Dissection. *Ann Thorac Surg*. 2010 May;89(5):1458-66.
15. Etz CD, Hagl C, Zoli S, **Brenner RM**, Roder F, Bischoff MS, Bodian CA, Di Luozzo G, Griep RB. Favorable long-term outcome following an elective Bentall procedure in a young patient population. *Thorac cardiovasc Surg* 2010; 58 Suppl: S 01.
16. Etz CD, Zoli S, Roder F, Mueller CS, Bischoff MS, **Brenner RM**, Bodian CA, Di Luozzo G, Griep RB. Long-term survival after open repair of chronic type B aortic dissection. *Thorac cardiovasc Surg* 2010; 58 Suppl: S 01.
17. Etz CD, Mueller CS, Roder F, Luehr M, Bischoff MS, **Brenner RM**, Silovitz D, Bodian CA, Zoli S, Griep RB. The bicuspid valve patient with a modestly dilated ascending aorta: the crossroad between surveillance and preventive surgery. *Thorac cardiovasc Surg* 2010; 58 Suppl: S 01.
18. Kari FA, Mueller CS, **Brenner R**, Silovitz D, Lin HM, Griep RB, Etz CD. New experimental approaches to prevent spinal ischemia after thoracic and thoracoabdominal aortic repair. *Z Herz- Thorax- Gefäßschir* 2010; 24(1): 42-48.

ABSTRACTS AND/OR PROCEEDINGS

1. Etz CD, Kari FA, Abascal V, Zoli S, **Brenner R**, Griep RB, Plestis KA. Long Term Follow-Up After Valve Sparing Aortic Root Remodeling: A Consecutive Series of 55 Yacoub Procedures. *J Am Coll Cardiol*. 2008 Mar; 51(10) Suppl: A273.
2. Etz CD, Luehr M, Kari FA, **Brenner R**, Bodian CA, Plestis KA, Griep RB. Extensive Thoracic and Thoracoabdominal Aortic Aneurysm Repair: Does Early Postoperative Spinal Cord Injury Cause Delayed-Onset Paraplegia? *Thorac cardiovasc Surg* 2008; 56 Suppl: S1.
3. Etz CD, Homann TM, Kari FA, Silovitz D, **Brenner RM**, Panagiotis H, Bodian CA, Griep RB, Plestis KA. Reoperative Aortic Arch Procedures: A Comparison with Contemporaneous Primary Operations. *Heart Surg Forum* 2008; 11 Suppl: S77.
4. Etz CD, Kari FA, Mueller CS, Silovitz D, **Brenner R**, Zhang N, Plestis KA, Griep RB. The Collateral Network Concept - The Anatomy of the Intraspinal and Paraspinal Vasculature in the Pig. *Thorac cardiovasc Surg* 2008; 56 Suppl: S1.

LECTURES/TEACHING PRESENTATIONS

1. Brenner RM, , Carolyn Stickley, Eaman Balouch, Nicholas O'Malley, Jack Zhong, Carlos Leon, Constance Maglaras , Ethan Ayres, Yong H. Kim, Aaron J. Buckland. Residual Foraminal Stenosis and Increasing Levels Decompressed are Risk Factors for Post-Operative C5 Palsy. Presented at annual NYU Sir Robert Jones Day 2020.
2. Brenner RM, Buttermann GB. Comparing Outcomes of Posterior Lumbar Decompression and Fusion for Degenerative Spondylolisthesis Versus Degenerative Disk Disease: A Prospective Cohort Study. Invited Podium Presentation at MOS 2015
3. Brenner RM, Zhang K, Brecevic A, Cammisa FP, Abjornson C. Platelet-Rich Fibrin Matrix in Posterolateral Lumbar Fusion. Presented at the 2011 MSSM Medical Student Research Day.
4. Bischoff MS, Brenner RM, Scheumann J, Squicciarini S, Wong W, Griep RB, Di Luozzo G. Minimizing Paraplegia in Patients with Marfan Syndrome Undergoing Descending and Thoracoabdominal Aortic Repair. Presented at the 2010 meeting of the National Marfan Foundation.
5. Zoli S, Etz CD, Roder F, Brenner RM, Bodian CA, Kleinmann G, Di Luozzo G, Griep RB. A Two-Stage Approach Reduces Risk of Paraplegia Following Repair of Extensive Thoracoabdominal Aneurysms. Presented at the 2010 46th annual meeting of the Society for Thoracic Surgeons.
6. Etz CD, Zoli S, Brenner R, Roeder , Bodian CA, Di Luozzo G, Griep RB. Long Term Outcome Following the Bentall procedure – Are Valve-Sparing Procedures In Adults Really Better? Presented at the 2009 meeting of the Western Thoracic Surgical Association.
7. Etz CD, Zoli S, Silovitz D, Brenner R, Roder F, Lam G, Bodian CA, Di Luozzo G, Griep RB. Gathering Evidence About When to Operate on the Bicuspid Valve Patient with a Modestly Dilated Ascending Aorta. Presented at the 2009 annual meeting of the Southern Thoracic Surgical Association.