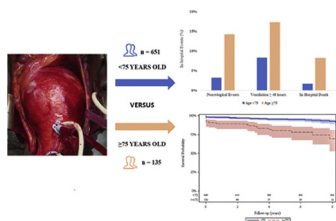


Adult Articles in AATS Journals

Readers who found these articles interesting may also like to read these adult papers that can be found in recent issues of AATS journals.

ADULT

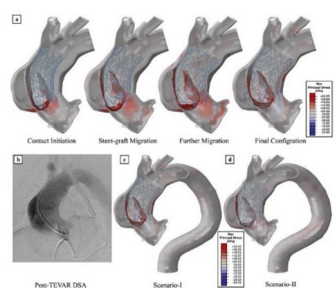
Aorta



STCVS: Perioperative and long-term morbidity and mortality for elderly patients undergoing thoracic aortic surgery. *Guo MH, Tran D, Ahmadvand A, et al. Semin Thorac Cardiovasc Surg. 2020; 32(4): 644-652.*

Commentary: How old is too old? *DeRoo S, Takayama H. Semin Thorac Cardiovasc Surg. 2020; 32(4): 653-654.*

Aorta: Evolving Technology

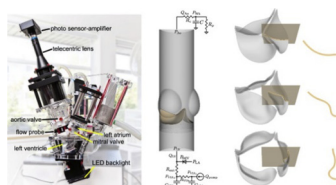


JTCVS TECHNIQUES: Finite element modelling to predict procedural success of TEVAR in type A aortic dissection. *Yuan X, Kan X, Yun XY, Nienaber CA. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Commentary: Fast and accurate surrogate of finite-element analysis: For bench to bedside, we need it now! *Wisneski AD, Guccione JM. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Commentary: Virtual TEVAR for type A aortic dissection: Engineering transforms clinical reality. *Wang Z, Xuan Y, Tseng EE, Ge L. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Aortic Valve



JTCVS OPEN: Bioprosthetic aortic valve diameter and thickness are directly related to leaflet fluttering: Results from a combined experimental and computational modeling study. *Lee JH, Scotten LN, Hunt RL, Caranasos TG, Vavalle JP, Griffith BE. J Thorac Cardiovasc Surg Open. 2020; in press.*

Commentary: A surgeon's view of an engineer's data. *Carpenter A. J Thorac Cardiovasc Surg Open. 2020; in press.*

Commentary: Leaflet fluttering of bioprosthetic valve—Does it matter? *Obrist D, Carrel TP. J Thorac Cardiovasc Surg Open. 2020; in press.*

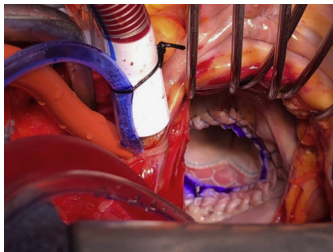


STCVS: Lights and shadows on the Ross procedure: Biological solutions for biological problems. *Nappi F, Spadaccio C, Acar C, El-Hamamsy I.* *Semin Thorac Cardiovasc Surg.* 2020; 32(4); 815-822.

Commentary: Complying with the compliance of ross procedure reinforcing grafts. *Hatoum H, Dasi LP, Thourani VH.* *Semin Thorac Cardiovasc Surg.* 2020; 32(4); 823-824.

Commentary: The Ross procedure: An Operation in need of more support. *Burkhart HM, Mir A, Thompson JL.* *Semin Thorac Cardiovasc Surg.* 2020; 32(4); 825-826.

Mitral Valve

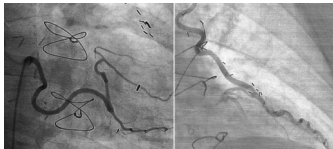


JTCVS TECHNIQUES CASE REPORT: Balloon expandable prosthesis for open mitral replacement with a calcified mitral annulus. *Codecasa R, De Cillis P, Stefano P.* *J Thorac Cardiovasc Surg Tech.* 2020; in press.

Commentary: Navigating between a rock and a hard place. *Zeigler SM, Kilic A.* *J Thorac Cardiovasc Surg Tech.* 2020; in press.

Commentary: Enhanced open transcatheter mitral valve replacement: The ultimate hybrid approach. *Porterie J, Kalavrouziotis D, Mohammadi S.* *J Thorac Cardiovasc Surg Tech.* 2020; in press.

Coronary



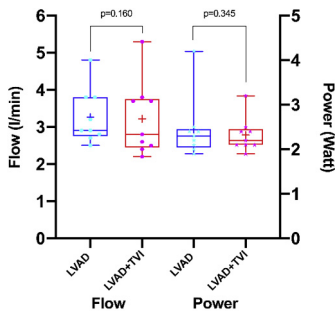
JTCVS TECHNIQUES INVITED EXPERT TECHNICAL REVIEW: The radial artery: An important component of multi-arterial coronary surgery. Considerations for its optimal harvest. *Tatoulis J.* *J Thorac Cardiovasc Surg Tech.* 2020; in press.

Commentary: Radial artery tips from Melbourne: We stand on the shoulder of giants. *Robinson NB, Gaudino M.* *J Thorac Cardiovasc Surg Tech.* 2020; in press.

Commentary: The radial won't bite, if you treat it right. *Aziz H, Lawton JS.* *J Thorac Cardiovasc Surg Tech.* 2020; in press.

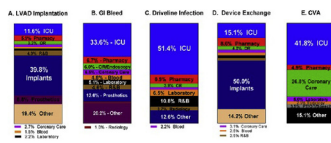
Commentary: Radial artery—Try it; you might like it and your patients will love it. *Schwann TA.* *J Thorac Cardiovasc Surg Tech.* 2020; in press.

Mechanical Circulatory Support

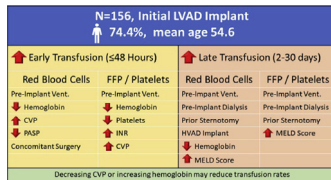


JTCVS OPEN: Impact of tricuspid valve insufficiency on the performance of the left ventricular assist devices. *Gomez Hamacher CJR, Torregroza C, Sadat N, Scheiber D, von der Beek JC, Westenfeld R, Knorr IJ, Sager M, Lichtenberg A, Saeed D.* J Thorac Cardiovasc Surg Open. 2020; in press.

Commentary: Leaving TR unrepaired at the time of LVAD implantation? *D'Ambra MN.* J Thorac Cardiovasc Surg Open. 2020; in press.

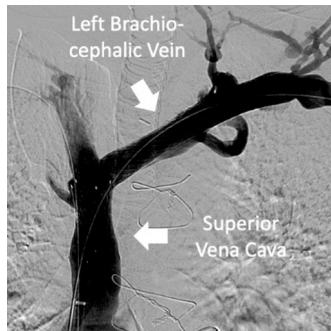


STCVS: Better with time: An Economic assessment of long-term mechanical circulatory support in a population surviving at least 1 year with a left ventricular assist device. *Chung JJ, Stetson R, Gordon J, et al.* Semin Thorac Cardiovasc Surg. 2020; 32(4); 738-746.



STCVS: Predicting transfusions during left ventricular assist device implant. *Miller RJH, Gregory AJ, Kent W, et al.* Semin Thorac Cardiovasc Surg. 2020; 32(4); 747-755.

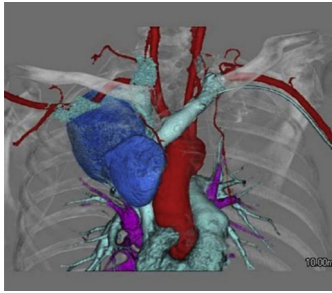
Arrhythmias: Pacemaker



JTCVS TECHNIQUES: Imaging: Venous bifurcation stenting for pacemaker induced superior vena cava syndrome. *Müller A, Rasper M, Kolb C, Ibrahim T.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: SVC syndrome: Venous stenting is the mainstay but may not stay open. *Johnson AP, Patel V, Takayama H.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Superior Vena Cava

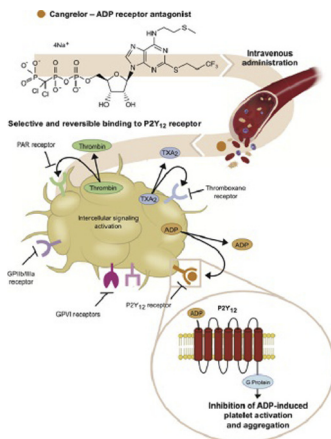


JTCVS TECHNIQUES CASE REPORT: Reconstruction of the superior vena cava with an autologous pericardial patch for a giant superior vena cava aneurysm. *Honda K, Yuzaki M, Fujimoto T, Nishimura Y.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Superior vena cava reconstruction techniques. *Haywood N, Kron IL.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Rational Decision-Making for A Rare Case. *Eikelboom R, Spooner A, Yanagawa B.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Perioperative Management

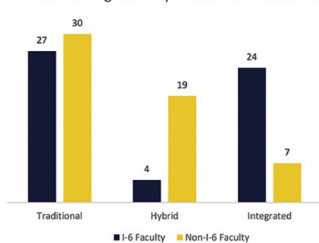


STCVS: Novel use of cangrelor with heparin during cardiopulmonary bypass in patients with heparin-induced thrombocytopenia who require cardiovascular surgery: A case series. *Gernhofer YK, Banks DA, Golts E, et al.* Semin Thorac Cardiovasc Surg. 2020; 32(4); 763-769.

Commentary: “The enemy of my enemy is my friend”—The saga of platelet quiescence in heparin-induced thrombocytopenia continues. *Sale S, Geube M.* Semin Thorac Cardiovasc Surg. 2020; 32(4); 770-771.

Education

What Training Pathway Would You Choose Now?



STCVS: Ten years into the Integrated Residency Era: A Pilot study shows many cardiothoracic surgery faculty still favor the traditional pathway. *Keilin CA, Sandhu G, Matusko N, et al.* Semin Thorac Cardiovasc Surg. 2020; 32(4); 756-762.