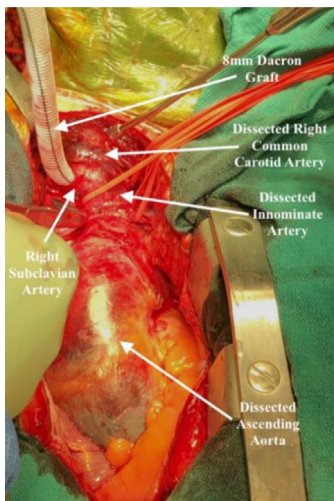


Adult Articles in AATS Journals

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

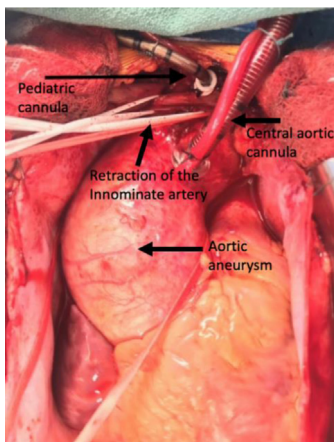
Aorta



JTCVS TECHNIQUES SURGICAL TECHNIQUE: Intrathoracic right subclavian artery cannulation in aortic arch surgery. *Norton EL, Makkinejad A, Le T, Wu X, Yang B.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: A path less traveled? Practical and theoretical advantages of intrathoracic subclavian artery cannulation. *Yuh DD.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Like the children of Lake Wobegon: All aortic cannulation strategies are above average. *Stein LH, Elefteriades JA.* J Thorac Cardiovasc Surg Tech. 2020; in press.



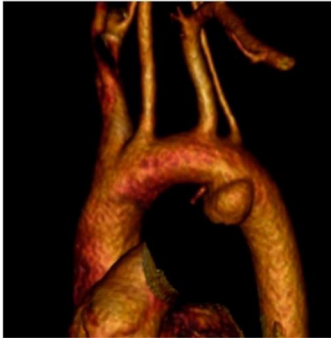
JTCVS TECHNIQUES: A simple method to establish antegrade cerebral perfusion during hemiarch reconstruction. *Leung Wai Sang S, Beute TJ, Timek T.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Simplified innominate artery ACP. *Burke C, Aldea G.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Protect the brain: An armamentarium of cerebral protection strategies should be in the aortic surgeon's toolbox. *Bakshi A, Ghanta RK.* J Thorac Cardiovasc Surg Tech. 2020; in press.

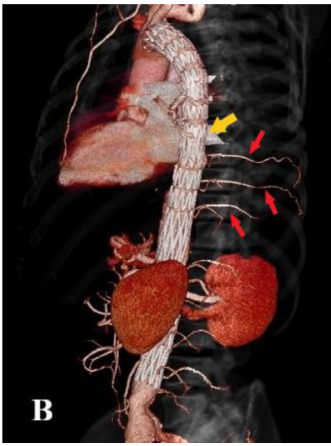


STCVS ROUNDTABLE DISCUSSION: Discussions in cardiothoracic treatment and care: The contemporary management of acute type A aortic dissection. *Chen E, Gleason T, Yang B, Coselli J, Shrestha M.* Semin Thorac Cardiovasc Surg. 2020; in press.



JTCVS TECHNIQUES CASE REPORT: Modified stent-graft for emergent repair of blunt thoracic aortic injury. *Battocchio P, Piazza M, Squizzato F, Antonello M.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Handmade back-table aortic stent-graft modifications – A must-have skill for every aortic surgeon. *Assi R, Geirsson A.* J Thorac Cardiovasc Surg Tech. 2020; in press.

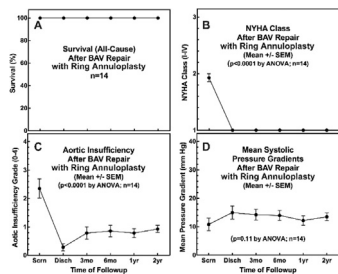


JTCVS TECHNIQUES CASE REPORT: A case of thoracic endovascular aortic repair for acute retrograde type A aortic dissection with paraplegia. *Nishi S, Arima D, Yoshimoto A, Suematsu Y.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Working downstream: Distal endovascular repair for retrograde type A aortic dissection. *Fryer ML, Balsam LB.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Where and when do we land - TEVAR for retrograde type A aortic hematoma? *Assi R, Geirsson A.* J Thorac Cardiovasc Surg Tech. 2020; in press.

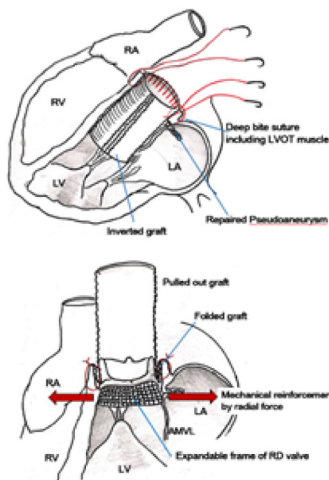
Aortic Valve



JTCVS TECHNIQUES CASE REPORT: Extremely early structural failure of a self-expanding transcatheter aortic valve secondary to leaflet dehiscence. *Park H, Leung Wai Sang S, Merhi WM.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: More haste, less speed. *Weltert LP, Di Mauro M.* J Thorac Cardiovasc Surg Tech. 2020; in press.

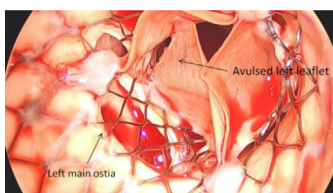
Commentary: Extremely early failure of transcatheter aortic valves—Another warning! *Antunes MJ.* J Thorac Cardiovasc Surg Tech. 2020; in press.



JTCVS TECHNIQUES CASE REPORT: Modified bentall procedure with a rapid deployment valve in cardiac Behçet's disease: A case report. *Lee C, Je HG, Ju MH.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: A novel surgical strategy for aortic valve replacement in Behçet's disease: Is this "the new silk route"? *D'Alessandro S, Nicolini F, Formica F.* J Thorac Cardiovasc Surg Tech. 2020; in press.

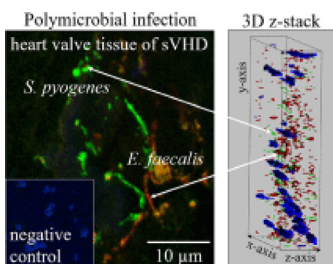
Commentary: Treatment of aortic regurgitation in Behçet's disease: More than one way to skin a cat. *Antunes MJ.* J Thorac Cardiovasc Surg Tech. 2020; in press.



JTCVS TECHNIQUES CASE REPORT: Extremely early structural failure of a self-expanding transcatheter aortic valve secondary to leaflet dehiscence. *Park H, Leung Wai Sang S, Merhi WM.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: More haste, less speed. *Weltert LP, Di Mauro M.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Extremely early failure of transcatheter aortic valves—Another warning! *Antunes MJ.* J Thorac Cardiovasc Surg Tech. 2020; in press.



STCVS: Quantification of multiple bacteria in calcified structural valvular heart disease. *Oberbach A, Schlichting N, Friedrich M, et al.* Semin Thorac Cardiovasc Surg. 2020; in press.

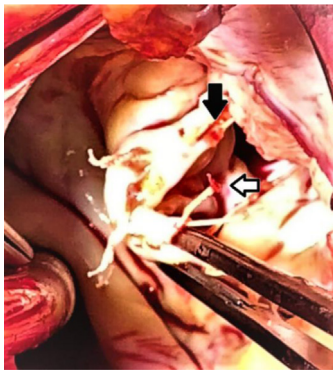
Commentary: Excelling in surgical treatment for aortic valve disease. *Mennander AA.* Semin Thorac Cardiovasc Surg. 2020; in press.

Mitral Valve



JTCVS OPEN INVITED EXPERT OPINION: Wisdom of experience or faculty of reason: Ischemic MR trials - CTSN and beyond. *Michler RE.* J Thorac Cardiovasc Surg Open. 2019; in press.

Commentary: Surgical mitral plasticity: Another brick in the wall? *Gaudino M, Calafiore AM, Kofidis T.* J Thorac Cardiovasc.

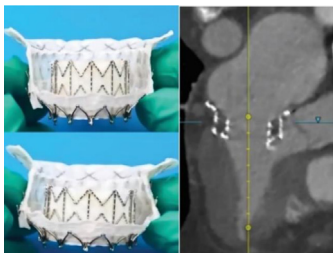


JTCVS TECHNIQUES CASE REPORT: Calcific degeneration and late fracture of expanded polytetrafluoroethylene neochords after mitral valve repair. *Luthra S, Ismail A, Tsang G. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Commentary: Be flexible! *Miceli A. J Thorac Cardiovasc Surg Tech. 2020; in press.*

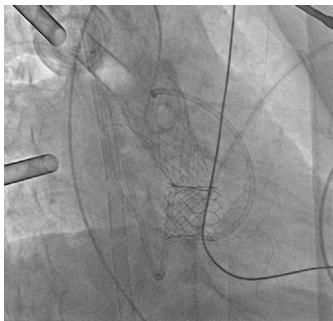
Commentary: Late calcific fractures of expanded polytetrafluoroethylene neochordae: Blending techniques and a greater number of neochordae for durable mitral repair. *Pawale A, McCarthy PM. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Mitral Valve: Evolving Technology



JTCVS TECHNIQUES SURGICAL TECHNIQUE: Transapical implantation of the Intrepid device: case planning and operative technique. *Hong E, Bapat V. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Commentary: Transapical TMVR: Here to stay or a gateway procedure? *Edelman JJ, Kauten J, Thourani VH. J Thorac Cardiovasc Surg Tech. 2020; in press.*



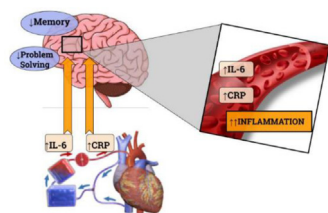
JTCVS TECHNIQUES CASE REPORT: Hybrid double-valve replacement. *Felmy LM, Johnson SD, Steinberg DH, Katz MR. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Commentary: Hybrid double-valve cardiac surgery: Less time at the pump in a complex setting. *Romano MA. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Commentary: Novel and innovative operative techniques continue to evolve. *Shemin RJ. J Thorac Cardiovasc Surg Tech. 2020; in press.*

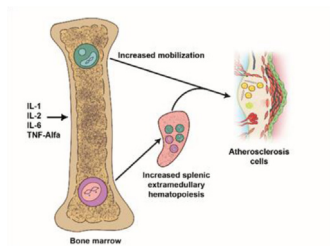
Commentary: Seal the calcium. *Crestanello JA. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Coronary



JTCVS OPEN: Younger age is associated with greater early neurocognitive decline post-cardiopulmonary bypass. *Anderson K, Ziegler O, Shi G, Sodha N, Ikeda I, Feng J, Sellke F. J Thorac Cardiovasc Surg Open. 2019; in press.*

Commentary: Perhaps a limitation of youth? *Landolfo KP. J Thorac Cardiovasc.*



JTCVS TECHNIQUES BRIEF RESEARCH REPORT: Inflammatory cytokines and experimental arterial and vein grafts. *Sterpetti AV, Sapienza P, Borrelli V, Di Marzo L.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Born vein, you cannot die artery! *Di Mauro M, Di Baldassarre A.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Veins grafts reversibly adapt to the arterial circulation. *Ward AF, Lee R. A.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Mechanical Circulatory Support



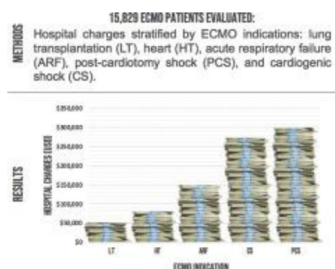
JTCV OPEN INVITED EXPERT OPINION: Short-term mechanical circulatory support: Transitioning the patient to the next stage. *Qi SS, Shaffer AW, Cogswell R, John R.* J Thorac Cardiovasc Surg Open. 2020; in press.

Commentary: Unmapped waters – Navigating a sea of institutional preferences in cardiogenic shock management. *Salna M, Takayama H.* J Thorac Cardiovasc Surg Open. 2020; in press.

JTCVS OPEN: Contemporary analysis of charges and mortality in the use of extracorporeal membrane oxygenation: A cautionary tale... *Hayanga, JW, Badhwar V.* J Thorac Cardiovasc Surg Open. 2020; in press.

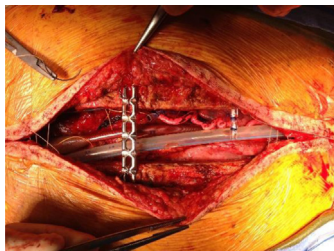
Commentary: To ECMO or not to ECMO: That is the question. *Worku B, Gaudino M.* J Thorac Cardiovasc Surg Open. 2020; in press.

Commentary: Extracorporeal membrane oxygenation (ECMO): Is it life-saving and cost effective for all patients? *Lazar H.* J Thorac Cardiovasc Surg Open. 2020; in press.



IMPLICATIONS

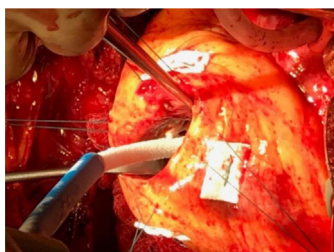
- ECMO is associated with high hospital charges and wide variation in outcomes.
- These variations may influence reimbursement decisions in value-based healthcare.



JTCVS TECHNIQUES SURGICAL TECHNIQUE: Technique for “open sternal” chest closure for assist device & transplant patients. *Balasubramanian V, Bhamra JK.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Delayed sternal closure: An open and not-so-shut case. *Eikelboom R, Yamashita MH.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Close it tight, so you can be sure it is open! *Barac YD.* J Thorac Cardiovasc Surg Tech. 2020; in press.



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Commentary: Arrhythmia surgery at the time of left ventricular assist device implant—Use of caution. *Maeda K, Lee AM.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Intraoperative cryoablation during HeartMate 3 left ventricular assist device implantation for refractory ventricular arrhythmias: Ipsa scientia potestas est. *Altshuler PJ, Atluri P.* J Thorac Cardiovasc Surg Tech. 2020; in press.



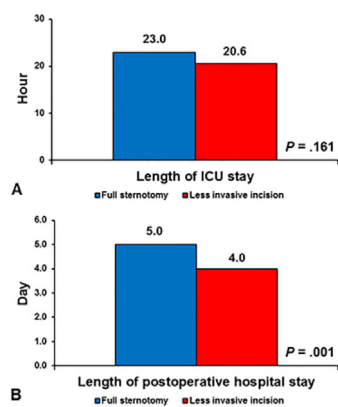
JTCVS TECHNIQUES CASE REPORT: Awake, percutaneous, bedside extracorporeal membrane oxygenator arterial cannula exchange. *Abdullah M, Shah AS, Madathil RJ, Kaczorowski D.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Cannulation and exchange of extracorporeal membrane oxygenation cannula: An essential skill for surgeons! *Wanh C, Huang S.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: “Mater artium necessitas” (necessity is the mother of invention). *Lorusso R, Di Mauro M, Foschi M, Calafiore AM.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Wire-based cannula exchange when time is of the essence. *Bryner BS.* J Thorac Cardiovasc Surg Tech. 2020; in press.

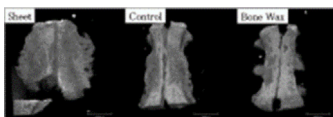
Perioperative Management



JTCVS TECHNIQUES BRIEF RESEARCH REPORT: The impact of surgical incision on hospital stay in patients with operating room extubation after cardiac surgery. *Huang Y, Wittwer ED, Dearani JA, Schaff HV.* J Thorac Cardiovasc Surg Tech. 2020; in press.

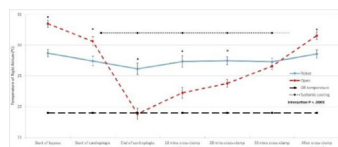
Commentary: How we enter the chest in cardiac surgery. Does it really matter for the purpose of early extubation? *Schena S.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Case of the missing message. *Goldman S.* J Thorac Cardiovasc Surg Tech. 2020; in press.



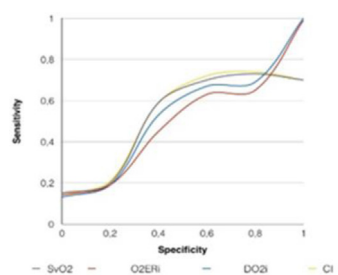
STCVS: Improved healing by adjuvant osteoconductive therapy using a novel cotton-like hydroxyapatite sheet after median sternotomy. *Yutaka Y, Hamaji M, Toyota N, et al.* Semin Thorac Cardiovasc Surg. 2020; in press.

Commentary: How should we build the wall? The importance of sternal closure. *Landolfo K, Haddad O.* Semin Thorac Cardiovasc Surg. 2020.



JTCVS TECHNIQUES BRIEF RESEARCH REPORT: Open sternum, cooler heart: The effect of surgical approach on myocardial temperature. *Momin AA, Chemtob RA, Lopez DC, Gillinov AM, Wierup P, Mick SL.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Methods are the investigator's lens. *Vinten-Johansen J.* J Thorac Cardiovasc Surg Tech. 2020; in press.

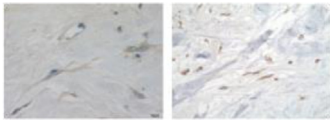


JTCVS TECHNIQUES: Associations between oxygen delivery and cardiac index with hyperlactatemia during cardiopulmonary bypass. *Condello I, Santarpino G, Naso G, Moscarelli M, Fiore F, Spezial G.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Taking the next step in cardiopulmonary bypass management. *Lodge AJ, Siffring T.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Hyperlactatemia after cardiac surgery: Yes we know it's bad but can we reliably prevent and treat it? *Omer S.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Cardiac Tumors



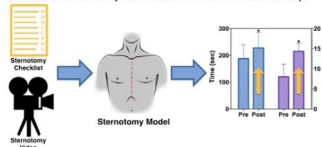
JTCVS TECHNIQUES BRIEF RESEARCH REPORT: Granulocyte-colony stimulating factor and interleukin-1 β -positive cardiac myxoma accompanying neutrophilic dermatosis. *Ajiro Y, Nino H, Ueda T, Bonkohara Y.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: The immunological mystery of cardiac myxoma. *Al-Ameri A, Salerno TA.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Cutaneous presentation of cardiac myxoma. *Gerlach RM, Chaney MA.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Education

Utilizing a Median Sternotomy Simulation Session Leads To Improved Performance of Sternotomy and Increased Time To Perform Essential Steps



JTCVS TECHNIQUES: Development of a median sternotomy simulation model for cardiac surgery training. *Vo TX, Juanda N, Ngu J, Gawad N, LaBelle K, Rubens FD.* J Thorac Cardiovas Surg Tech. 2020; in press.

Commentary: Stay midline, stay steady: Median sternotomy training. *Sodha NR.* J Thorac Cardiovas Surg Tech. 2020; in press.

Commentary: The education hole is not bigger than the sum of its parts. *Joyce D.* J Thorac Cardiovas Surg Tech. 2020; in press.