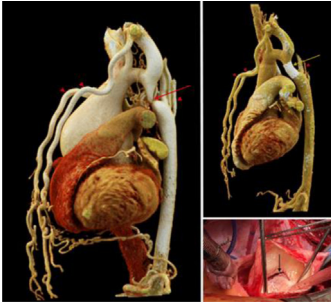


Congenital Articles in AATS Journals

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

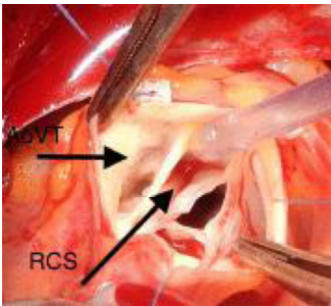
CONGENITAL

Aorta



JTCVS TECHNIQUES CASE REPORT: A young marathon runner with severe aortic coarctation and bicuspid aortic valve disease complicated by contained aortic rupture. *Mihalj M, Makaloski V, Hurni S, Friess J, Melis C, Carrel TP, Schoenhoff FS.* J Thorac Cardiovasc Surg Tech. 2020; in press.

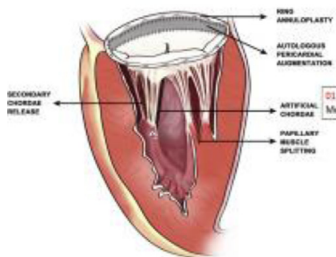
Commentary: Full-service salvage operation. *Hobbs RD, Si M.* J Thorac Cardiovasc Surg Tech. 2020; in press.



STCVS: Surgical management of aorto-ventricular tunnel. A multicenter study. *Protopapas EM, Anderson RH, Backer CL, et al.* Semin Thorac Cardiovasc Surg. 2020; in press.

Commentary: Aorto-ventricular tunnel: More than a mere tunnel! *Kumar TKS, Knott-Craig CJ.* Semin Thorac Cardiovasc Surg. 2020.

Mitral Valve

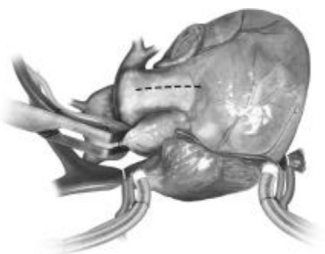


JTCVS OPEN: Repairing the rheumatic mitral valve in the young: The horizon re-visited. *Ananthanarayanan C, Thosani R.* J Thorac Cardiovasc Surg Open. 2020; in press.

Commentary: Repairing the rheumatic mitral valve in the young: Definitely worthwhile! *Antunes M.* J Thorac Cardiovasc Surg Open. 2020; in press.

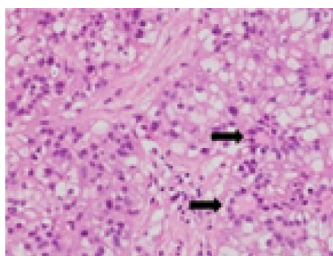
Commentary: Repair for rheumatic mitral valve in children: Good early results, poor long-term durability. *Buratto E, Konstantinov I.* J Thorac Cardiovasc Surg Open. 2020; in press.

Pulmonary Valve



OpTechs: Bioprosthetic pulmonary valve replacement. *Kotani Y, Kasahara S. Oper Tech Thorac Cardiovasc Surg. 2020;25(1):13-26.*

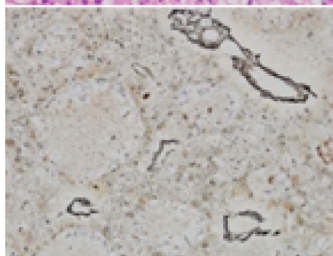
Fontan



JTCVS TECHNIQUES BRIEF RESEARCH REPORT: Prevalence of hepatocellular carcinoma in the entire fontan population of Australia and New Zealand. *Wilson TG, Iyengar AJ, Hardikar W, Sood S, d'Udekem Y. J Thorac Cardiovasc Surg Tech. 2020; in press.*

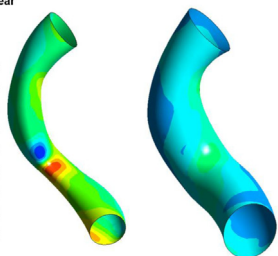
Commentary: Hepatocellular carcinoma after the fontan operation: Are we paying attention? *Burkhart HM, Phillips SD. J Thorac Cardiovasc Surg Tech. 2020; in press.*

Commentary: Hepatocellular carcinoma: A threat for patients with fontan circulation. *Contreras J, Faraoni D. J Thorac Cardiovasc Surg Tech. 2020; in press.*



Wall shear

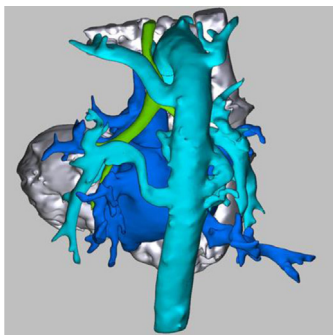
11
10
9.2
8.1
7.0
6.0
4.9
3.8
2.7
1.6
0.6
[Pa]



JTCVS OPEN: Evaluation of per. *Ebrahimi P, Youssef D, Salve G, Ayer J, Dehghani F, Fletcher DF, Winlaw DS. J Thorac Cardiovasc Surg Open. 2019; in press* personalized right ventricle to pulmonary artery conduits using in silico design and computational analysis of flow.

Commentary: In silico design of right ventricle to pulmonary artery conduits – Confirmation of “in cerebral” design? *Hobbs RD, Si MS. J Thorac Cardiovasc Surg Open. 2019; in press.*

Tetralogy of Fallot

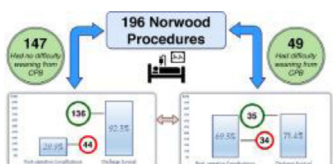


JTCVS TECHNIQUES: A road-map for collaterals: Use of 3D techniques in tetralogy of fallot pulmonary atresia with MAPCAs. *Ghosh RM, Mascio CE, Silvestro E, O'Byrne ML, Whitehead KK.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: The road-map for collaterals: A scenic route from the abbey road to the operating theatre? *Naimo PS, Konstantinov IE.* J Thorac Cardiovasc Surg Tech. 2020; in press.

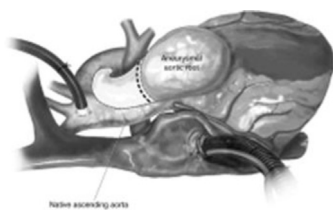
Commentary: On the road toward routine use of 3D techniques in complex congenital surgery. *Biglino G, Caputo M.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Norwood Procedure



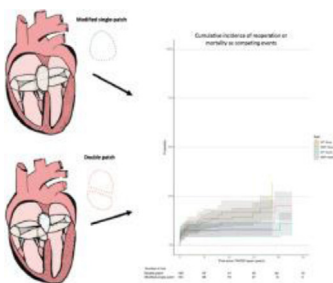
STCVS: Norwood procedure—Difficulty in weaning from cardiopulmonary bypass and implications for outcomes. *Gellings JA, Johnson WK, Ghanayem NS, et al.* Semin Thorac Cardiovasc Surg. 2020;32:119-125.

Commentary: Difficulty weaning from bypass following a norwood procedure: Revise or support? *Kavarana MN.* Semin Thorac Cardiovasc Surg. 2020;32:126-127.



OpTechs: Valve-sparing neo-aortic root replacement post norwood. *Pizarro C.* Oper Tech Thorac Cardiovasc Surg. 2020;25(1):2-12.

Atrioventricular Septal Defects



STCVS: Modified-single patch vs double patch repair of complete atrioventricular septal defects. *Fong LS, Betts K, Kannekanti R, Ayer J, Winlaw DS, Orr Y.* Semin Thorac Cardiovasc Surg. 2020;32:108-116.

Commentary: Complete atrioventricular canal defects: Is there a superior repair technique? *Shaw F, Chai P.* Semin Thorac Cardiovasc Surg. 2020;32:117-118.

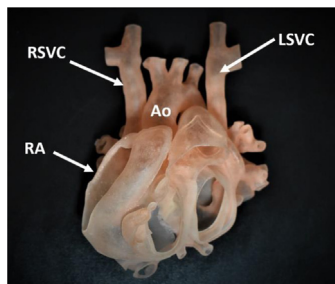
Scimitar Syndrome



JTCVS TECHNIQUES INVITED EXPERT OPINION: A sword threatening the heart: The scimitar syndrome. *Guariento A, Vida VL.* J Thorac Cardiovasc Surg Tech. 2019; in press.

Commentary: Scimitar syndrome: Cutting through the details. *Hermann JL, Brown JW.* J Thorac Cardiovasc Surg Tech. 2019; in press.

Raghib Syndrome



JTCVS TECHNIQUES SURGICAL TECHNIQUE: Using 3D printed heart models in the planning and simulation of surgery in patients with raghib syndrome (coronary sinus defect with left superior vena cava). *Husein N, Kasdi R, Coles JG, Yoo SJ.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Preoperative planning using 3D printed models: Static versus dynamic. *Alsoufi B.* J Thorac Cardiovasc Surg Tech. 2019; in press.

Commentary: 3D printing for pre-operative planning – Beyond illustrating the obvious. *Winlaw DS, Ayer J.* J Thorac Cardiovasc Surg Tech. 2019; in press.

Hypoplastic Left Heart Syndrome

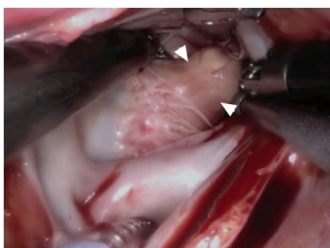


JTCVS OPEN INVITED EXPERT OPINION: Hypoplastic left heart syndrome with an intact atrial septum. *Sood V, Zampi JD, Romano JC.* J Thorac Cardiovasc Surg Open. 2020; in press.

Commentary: Hypoplastic left heart syndrome with intact atrial septum: Planning for success. *Burkhart HM, Mir A, Schwartz RM.* J Thorac Cardiovasc Surg Open. 2020; in press.

Commentary: It takes a village to manage a child with hypoplastic left heart syndrome and intact or highly restrictive atrial septum. *Alsoufi B.* J Thorac Cardiovasc Surg Open. 2020; in press.

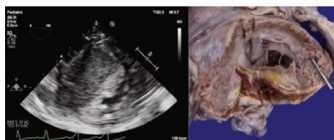
Cardiac Tumors



JTCVS TECHNIQUES CASE REPORT: Successful robotic resection of a primary cardiac synovial sarcoma. *Akhmerov A, Chung JS, Emerson D, Chikwe J, Trento A.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: Robotic resection of a primary cardiac sarcoma: When the stars align. *Reardon MJ.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Mechanical Circulatory Support

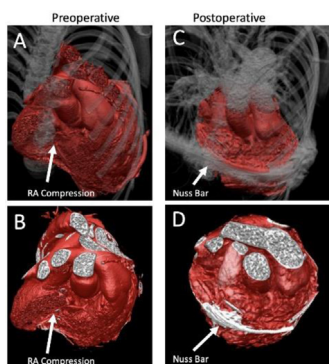


JTCVS CASE REPORT: Interventricular septal hematoma complicating placement of a ventricular assist device in an infant and support with bi-atrial cannulation. *White BR, Savla JJ, Burstein DS, Mascio CE, O'Connor MJ, Szwast AL, Rogers LS.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: A failure unhidden is an unfinished success. *Do NL, Bichell DP.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Commentary: In a disappointing outcome, much can be learned. *Thangappan K, Morales DLS.* J Thorac Cardiovasc Surg Tech. 2020; in press.

Transplantation

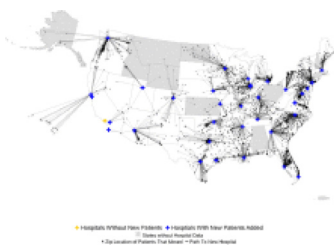


JTCVS TECHNIQUES CASE REPORT: Combined pediatric heart transplant and nuss procedure in a patient with marfan syndrome. *Nasirov, T, Dykes JC, Bruzoni M, Maeda K.* J Thorac Cardiovasc Surg Tech. 2019; in press.

Commentary: Two birds with one stone: Combining procedures can be better than staging. *Thangappan K, Morales DLS.* J Thorac Cardiovasc Surg Tech. 2019; in press.

Commentary: Mus uni non fidit antro... use of the modified nuss to facilitate transplant in patients with pectus excavatum. *Eckhauser A.* J Thorac Cardiovasc Surg Tech. 2019; in press.

Health Policy



STCVS: Regionalization of congenital heart surgery in the United States. *Welke KF, Pasquali SK, Lin P, et al.* Semin Thorac Cardiovasc Surg. 2020;32:128-137.

Commentary: Regionalization of congenital heart care in the United States: Small improvements in outcomes—But at what expense? *Anagnostopoulos PV, Ralphe JC, Greenberg C.* Semin Thorac Cardiovasc Surg. 2020;32(1):138-139.