

STS 2022 Annual Meeting Online Bibliography

Session	Presentation Title	Bibliographic Sources
Adult Cardiac Abstracts	Racial Disparities in Access to and Acuity of Presentation for Coronary Artery Bypass Grafting	Vyas, Darshali A., Leo G. Eisenstein, and David S. Jones. Hidden in plain sight—reconsidering the use of race correction in clinical algorithms. <i>N. Engl. J. Med.</i> 2020;874-882. Enumah, Zachary Obinna, et al. Persistent racial and sex disparities in outcomes after coronary artery bypass surgery: a retrospective clinical registry review in the drug-eluting stent era. <i>Annals of Surgery.</i> 2020;272.4:660-667.
Adult Cardiac Abstracts	Percutaneous thrombo-vegectomy as an alternative to immediate open heart surgery for tricuspid valve endocarditis: a multi-center experience.	1) Hussain ST, Witten J, Shrestha NK, Blackstone EH, Pettersson GB. Tricuspid valve endocarditis. <i>Ann Cardiothorac Surg.</i> 2017 May;6(3):255-261. 2) Habib G, Lancellotti P, Antunes MJ, et al. 2015 ESC Guidelines for the management of infective endocarditis: The Task Force for the Management of Infective Endocarditis of the European Society of Cardiology (ESC). Endorsed by: European Association for Cardio-Thoracic Surgery (EACTS), the European Association of Nuclear Medicine (EANM). <i>Eur Heart J</i> 2015;36:3075-128.
Adult Cardiac Abstracts	Unroofing of Anomalous Right Coronary Artery	Vinnakota A, et al. Anomalous Aortic Origin of the Coronary Arteries: A Novel Unroofing Technique in an Adult Cohort. <i>Ann Thorac Surg.</i> 2019 Mar;107(3):823-828. Karangelis D, et al. Surgical Repair of Anomalous Aortic Origin of Coronary Artery in Adults. <i>Asian Cardiovasc Thorac Ann.</i> 2021 Jan;29(1):51-58.
Adult Cardiac Abstracts	Sex-Related Differences in Outcomes after Proximal Aortic Surgery – Analysis of 1773 Consecutive Patients in a High-Volume Center	Chung J et al. Sex-Related Differences in Patients Undergoing Thoracic Aortic Surgery. <i>Circulation.</i> 2019 Feb 26;139(9):1177-1184. Boczar KE et al. Sex Differences in Thoracic Aortic Aneurysm Growth. <i>Hypertension.</i> 2019 Jan;73(1):190-196.
Adult Cardiac Abstracts	Surgical Risk and Postoperative Outcomes of Aortic Valve Replacement With and Without Annular Enlargement	1. Hawkins RB, Beller JP, Mehaffey JH, Charles EJ, Quader MA, Rich JB, Kiser AC, Joseph M, Speir AM, Kern JA, Ailawadi G; Virginia Cardiac Services Quality Initiative. Incremental Risk of Annular Enlargement: A Multi-Institutional Cohort Study. <i>Ann Thorac Surg.</i> 2019 Dec;108(6):1752-1759. 2. Peterson MD, Borger MA, Feindel CM, David TE. Aortic annular enlargement during aortic valve replacement: improving results with time. <i>Ann Thorac Surg.</i> 2007 Jun;83(6):2044-9.
Adult Cardiac Abstracts	Reoperative Aortic Root Replacement Following Index Stanford Type A Aortic Dissection Repair	1) Chiu, P et al. Limited root repair in acute type A aortic dissection is safe but results in increased risk of reoperation. <i>J Thorac Cardiovasc Surg.</i> 2018;155(1):1-7.e1 2) Ikeno, Y et al. The fate of aortic root and aortic regurgitation after supracoronary ascending aortic replacement for acute type A aortic dissection. <i>J Thorac Cardiovasc Surg.</i> 2021;162(2):483-493.e1
Adult Cardiac Abstracts	Does Minimally Invasive Cardiac Surgery Mean Less Postoperative Pain?	Suri, R. M., Antiel, R. M., Burkhart, H. M., Huebner, M., Li, Z., Eton, D. T., Topilsky, T., Sarano, M. E., & Schaff, H. V. (2012). Quality of Life After Early Mitral Valve Repair Using Conventional and Robotic Approaches. <i>The Annals of Thoracic Surgery</i> , 93(3), 761–769. https://doi.org/https://doi.org/10.1016/j.athoracsur.2011.11.062
Adult Cardiac Abstracts	The impact of hospital teaching status on outcomes after Type A Aortic Dissection: An Analysis of over 37,000 patients	Chikwe J, Cavallaro P, Itagaki S, Seigerman M, Diluozzo G, Adams DH. National outcomes in acute aortic dissection: influence of surgeon and institutional volume on operative mortality. <i>Ann Thorac Surg.</i> 2013 May;95(5):1563-9. doi: 10.1016/j.athoracsur.2013.02.039. Epub 2013 Apr 3. PMID: 23562465. Holscher CM, Dakour Aridi H, Locham SS, Hicks CW, Canner JK, Malas M, Black JH 3rd. Aortic Surgery Outcomes of Marfan Syndrome and Ehlers-Danlos Syndrome Patients at Teaching and Nonteaching Hospitals. <i>Ann Vasc Surg.</i> 2019 Feb;55:175-181.e3. doi: 10.1016/j.avsg.2018.07.052. Epub 2018 Oct 2. PMID: 30287287.
Adult Cardiac Abstracts	CABG with Multiarterial Grafting versus Percutaneous Coronary Intervention in Patients with Multivessel Coronary Artery Disease	Gaudino M, et al. Arterial Grafts for Coronary Bypass: A Critical Review After the Publication of ART and RADIAL. <i>Circulation.</i> 2019 Oct 8;140(15):1273-1284. Souza-Uva M. 2018 ESC/EACTS Guidelines on myocardial revascularization. <i>Eur J Cardiothorac Surg.</i> 2019 Jan 1;55(1):4-90.
Adult Cardiac Abstracts	Restoration of Life Expectancy in All Age Groups After Mitral Valve Repair for Degenerative Mitral Regurgitation	Natalie Glaser MD PhD, et al. Loss in Life Expectancy After Surgical Aortic Valve Replacement SWEDEHEART Study. <i>JACC.</i> 2019; 74: No. 1.
Adult Cardiac Abstracts	Robotic versus Open Mitral Valve Repair - Does Shorter Hospital Stay Lead to Lower Hospitalization Charges?	1. Suri RM, et al. Improving affordability through innovation in the surgical treatment of mitral valve disease. <i>Mayo Clin Proc</i> 2013;88:1075–84. 2. Wang A, et al. Robotic Mitral Valve Repair in Older Individuals: An Analysis of The Society of Thoracic Surgeons Database. <i>Ann Thorac Surg</i> 2018;106:1388–93.

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Cardiopulmonary Failure Abstracts	Trans-Valvular Unloading Protects Against Both Pre and Post Reperfusion Injury in Preclinical Models of Acute Myocardial Infarction	Kapur, N.K., et al., Mechanical Pre-Conditioning With Acute Circulatory Support Before Reperfusion Limits Infarct Size in Acute Myocardial Infarction. <i>JACC Heart Fail</i> , 2015. 3(11): p. 873-82. Esposito, M.L., et al., Left Ventricular Unloading Before Reperfusion Promotes Functional Recovery After Acute Myocardial Infarction. <i>J Am Coll Cardiol</i> , 2018. 72(5): p. 501-514.
Cardiopulmonary Failure Abstracts	The HeartMate 3 Left Ventricular Assist Device as a Strategy to Bridge to Transplant: Outcomes in Over 1300 Patients	Loyaga-Rendon RY, Jani M, Jovinge SV. Worse Post-Transplant Survival on Patients Bridged With LVAD in the New Heart Transplant Allocation System?. <i>JACC Heart Fail</i> . 2021;9(7):533. doi:10.1016/j.jchf.2021.04.007 Srinivasan AJ, Seese L, Mathier MA, Hickey G, Lui C, Kilic A. Recent Changes in Durable Left Ventricular Assist Device Bridging to Heart Transplantation [published online ahead of print, 2021 Mar 29]. <i>ASAIO J</i> . 2021;10.1097/MAT.0000000000001436. doi:10.1097/MAT.0000000000001436
Cardiopulmonary Failure Abstracts	100 Total Artificial Hearts: Patient Characteristics and Clinical Outcomes at a High-Volume Transplant Center	Arabia, Francisco A., Ryan S. Cantor, and Devin A. Koehl. "INTERMACS report on the total artificial heart." <i>J Heart Lung Transplant</i> 37 (2018): 1305-1313. Kirsch, Matthias EW, et al. "SynCardia temporary total artificial heart as bridge to transplantation: current results at la pitié hospital." <i>The Annals of thoracic surgery</i> 95.5 (2013): 1640-1646.
Cardiopulmonary Failure Abstracts	Racial Disparities in COVID Mortality Persist in Heart Transplant Recipients: An Analysis of the Organ Procurement and Transplantation Network Database	1. Genuardi MV, Moss N, Najjar SS, et al. Coronavirus disease 2019 in heart transplant recipients: Risk factors, immunosuppression, and outcomes [published online ahead of print, 2021 May 19]. <i>J Heart Lung Transplant</i> . 2021;S1053-2498(21)02319-6. doi:10.1016/j.healun.2021.05.006 2. Karmakar M, Lantz PM, Tipirneni R. Association of Social and Demographic Factors With COVID-19 Incidence and Death Rates in the US. <i>JAMA Netw Open</i> . 2021;4(1):e2036462. Published 2021 Jan 4. doi:10.1001/jamanetworkopen.2020.36462 3. Mackey K, Ayers CK, Kondo KK, et al. Racial and Ethnic Disparities in COVID-19-Related Infections, Hospitalizations, and Deaths : A Systematic Review. <i>Ann Intern Med</i> . 2021;174(3):362-373. doi:10.7326/M20-6306 4. Millett GA, Jones AT, Benkeser D, et al. Assessing differential impacts of COVID-19 on black communities. <i>Ann Epidemiol</i> . 2020;47:37-44. doi:10.1016/j.annepidem.2020.05.003
Cardiopulmonary Failure Abstracts	Exploring the Timing of Systemic Heparinization and Hemostatic Complications in Pediatric Extracorporeal Membrane Oxygenation Failed to Wean from Cardiopulmonary Bypass	1. Dalton HJ, Reeder R, Garcia-Filion P, Holubkov R, Berg RA, Zuppa A, et al. Factors Associated with Bleeding and Thrombosis in Children Receiving Extracorporeal Membrane Oxygenation. <i>Am J Respir Crit Care Med</i> 2017; 196(6):762-771. 2. Giglia TM, Massicotte MP, Tweddell JS, Barst RJ, Bauman M, Erickson CC, et al. Prevention and treatment of thrombosis in pediatric and congenital heart disease: a scientific statement from the American Heart Association. <i>Circulation</i> 2013; 128(24):2622-2703.
Cardiopulmonary Failure Abstracts	To Cannulate Or Not To Cannulate? Extracorporeal Membrane Oxygenation (ECMO) In Immunosuppressed Patients With COVID-19 Is High Risk But Not Futile, A Multicenter Study From The ORACLE Group	1. Combes A, Hajage D, Capellier G, et al. Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. <i>New England Journal of Medicine</i> . 2018;378(21):1965-1975. doi:10.1056/NEJMoa1800385 2. Schmidt M, Hajage D, Lebreton G, et al. Extracorporeal membrane oxygenation for severe acute respiratory distress syndrome associated with COVID-19: a retrospective cohort study. <i>The Lancet Respiratory Medicine</i> . 2020;Volume 8(Issue 11):1121 - 1131. 3. Schmidt M, Bailey M, Sheldrake J, et al. Predicting survival after extracorporeal membrane oxygenation for severe acute respiratory failure. <i>The Respiratory Extracorporeal Membrane Oxygenation Survival Prediction (RESP) score</i> . <i>Am J Respir Crit Care Med</i> . Jun 1 2014;189(11):1374-82. doi:10.1164/rccm.201311-2023OC 4. Shekar K, Badulak J, Peek G, et al. Extracorporeal Life Support Organization Coronavirus Disease 2019 Interim Guidelines: A Consensus Document from an International Group of Interdisciplinary Extracorporeal Membrane Oxygenation Providers. <i>Asaio j</i> . Jul 2020;66(7):707-721. doi:10.1097/mat.0000000000001193
Cardiopulmonary Failure Abstracts	Utilization of Venoarterial Extracorporeal Life Support for Acute Pulmonary Embolism Demonstrates Favorable Outcomes	Weinberg A, Tapson VF, Ramzy D. Massive Pulmonary Embolism: Extracorporeal Membrane Oxygenation and Surgical Pulmonary Embolectomy. <i>Semin Respir Crit Care Med</i> . 2017 Feb;38(1):66-72. doi: 10.1055/s-0036-1597559. Epub 2017 Feb 16. Review. PubMed PMID: 28208200. Pasrija C, Kronfli A, George P, Raithe M, Boulos F, Herr DL, Gammie JS, Pham SM, Griffith BP, Kon ZN. Utilization of Veno-Arterial Extracorporeal Membrane Oxygenation for Massive Pulmonary Embolism. <i>Ann Thorac Surg</i> . 2018 Feb;105(2):498-504. doi: 10.1016/j.athoracsur.2017.08.033. Epub 2017 Nov 23. PubMed PMID: 29174781

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Cardiopulmonary Failure Abstracts	Appraisal Of Donation After Circulatory Death: How Far Could We Expand The Heart Donor Pool?	<p>Thuong M, Ruiz A, Evrard P, Kuiper M, Boffa C, Akhtar MZ, et al. New classification of donation after circulatory death donors definitions and terminology. <i>Transpl Int</i> 2016;29:749–59. doi:10.1111/TRI.12776.</p> <p>Shudo Y, Benjamin-Addy R, Koyano T, Hiesinger W, MacArthur J, Woo Y. Donors after circulatory death heart trial. <i>Futur Cardiol</i> 2021;17:11–7. doi:10.2217/FCA-2020-0070.</p>
Cardiopulmonary Failure Abstracts	Progression of Aortic Valve Insufficiency During Fully Magnetically Levitated Centrifugal Versus Axial Flow Left Ventricular Assist Device (LVAD) Support	<p>1. Mehra MR, Naka Y, Uriel N, et al. A Fully Magnetically Levitated Circulatory Pump for Advanced Heart Failure. <i>New England Journal of Medicine</i>. 2016;376(5):440-450.</p> <p>2. Truby LK, Garan AR, Givens RC, et al. Aortic Insufficiency During Contemporary Left Ventricular Assist Device Support: Analysis of the INTERMACS Registry. <i>JACC Heart failure</i>. 2018;6(11):951-960. doi:10.1016/j.jchf.2018.07.012</p>
Cardiopulmonary Failure Abstracts	Cardiovascular Mechanism of Donor Brain Death and Heart Recipient Survival	<p>1. Farr, M. et al. Potential for donation after circulatory death heart transplantation in the United States: Retrospective analysis of a limited UNOS dataset. <i>Am. J. Transplant</i>. 20, 525–529 (2020).</p> <p>2. Khush, K. K. et al. The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Thirty-fifth Adult Heart Transplantation Report—2018; Focus Theme: Multiorgan Transplantation. <i>J. Heart Lung Transplant</i>. 37, 1155–1168 (2018).</p> <p>3. Messer, S. et al. A 5-year single-center early experience of heart transplantation from donation after circulatory-determined death donors. <i>J. Heart Lung Transplant</i>. 39, 1463–1475 (2020).</p> <p>4. Quader, M., Toldo, S., Chen, Q., Hundley, G. & Kasirajan, V. Heart transplantation from donation after circulatory death donors: Present and future. <i>J. Card. Surg</i>. 35, 875–885 (2020).</p>
Cardiopulmonary Failure Abstracts	Prolonged Allograft Ischemia Increases Short-Term Complications Among High and Low Volume Centers in Lung Transplantation	<p>1) Chambers DC, et al. The Registry of the International Society for Heart and Lung Transplantation: Thirty-fourth Adult Lung And Heart-Lung Transplantation Report-2017; Focus Theme: Allograft ischemic time. <i>J Heart Lung Transplant</i>. 2017;36(10):1047-59.</p> <p>2) Hayes D, Jr., et al. Lung Transplant Center Volume Ameliorates Adverse Influence of Prolonged Ischemic Time on Mortality. <i>Am J Transplant</i>. 2017;17(1):218-26.</p>
Congenital Abstracts	Variation in Patient and Procedural Characteristics Across Hospitals: An analysis of The Society of Thoracic Surgeons Congenital Heart Surgery Database (STS CHSD)	<p>1. Pasquali SK, Thibault D, O'Brien SM, Jacobs JP, Gaynor JW, Romano JC, Gaies M, Hill KD, Jacobs ML, Shahian DM, Backer CL, Mayer JE. National Variation in Congenital Heart Surgery Outcomes. <i>Circulation</i>. 2020 Oct 6;142(14):1351-1360. doi: 10.1161/CIRCULATIONAHA.120.046962. Epub 2020 Oct 5. PMID: 33017214; PMCID: PMC7539149.</p> <p>2. Pasquali SK, Jacobs ML, O'Brien SM, He X, Gaynor JW, Gaies MG, Peterson ED, Hirsch-Romano JC, Mayer JE, Jacobs JP. Impact of Patient Characteristics on Hospital-Level Outcomes Assessment in Congenital Heart Surgery. <i>Ann Thorac Surg</i>. 2015 Sep;100(3):1071-6; discussion 1077. doi: 10.1016/j.athoracsur.2015.05.101. Epub 2015 Aug 3. PMID: 26245503; PMCID: PMC4686337.</p>
Congenital Abstracts	Malnutrition is not Associated with Poor Surgical Outcomes in Children with Congenital Heart Disease Enrolled in a Comprehensive Perioperative Enhanced Recovery Program	<p>1. Fuller S, Kumar SR, Roy N, Mahle WT, Romano JC, Nelson JS, Hammel JM, Imamura M, Zhang H, Fremes SE, McHugh-Grant S, Nicolson SC; AATS Cardiac Clinical Practice Standards Committee Members. The American Association for Thoracic Surgery Congenital Cardiac Surgery Working Group 2021 consensus document on a comprehensive perioperative approach to enhanced recovery after pediatric cardiac surgery. <i>J Thorac Cardiovasc Surg</i>. 2021 May 1:S0022-5223(21)00757-1. doi: 10.1016/j.jtcvs.2021.04.072. Epub ahead of print. PMID: 34059337.</p> <p>2. Ross, F., Latham, G., Joffe, D., Richards, M., et al. Preoperative malnutrition is associated with increased mortality and adverse outcomes after paediatric cardiac surgery. <i>Cardiology in the Young</i>, 27(9), 1716-1725. doi:10.1017/S1047951117001068</p>
Congenital Abstracts	Evolution of Pulmonary Valve Management During Complete Repair of Tetralogy of Fallot: a 14-year Experience	<p>Mouws EMJP, et al. Tetralogy of Fallot in the Current Era. <i>Sem Thor Card Surg</i>. 2018; 31:496-504.</p> <p>Lozano-Balseiro, M, et al. Valve-Sparing Tetralogy of Fallot Repair With Intraoperative Dilation of the Pulmonary Valve: Mid-Term Results. <i>Sem Thor Card Surg</i>. 2019; 31:828-834.</p>
Congenital Abstracts	Mitral Valve Operation after Tetralogy of Fallot Repair: Early and Late Outcomes	<p>Hövels-Gürich, H. H., Konrad, K., Skorzenski, D., et al. Long-term behavior and quality of life after corrective cardiac surgery in infancy for tetralogy of Fallot or ventricular septal defect. <i>Pediatr. Cardiol</i>. 28, 346–354 (2007).</p> <p>Dłużniewska, N., Podolec, P., Skubera, M., et al. Long-term follow-up in adults after tetralogy of Fallot repair. <i>Cardiovasc. Ultrasound</i> 16, 28 (2018).</p>
Congenital Abstracts	Comparison of Intraoperative and Pre-Discharge Technical Performance Score by Anatomic Residua in Congenital Cardiac Surgery	<p>1. Nathan M, et al. Technical Performance Score Predicts Resource Utilization in Congenital Cardiac Procedures. <i>J Am Coll Cardiol</i>. 2016;67:2696-8.</p> <p>2. Karamichalis JM, et al. Technical performance scores in congenital cardiac operations: a quality assessment initiative. <i>Ann Thorac Surg</i>. 2012;94:1317-23.</p>

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	– Analysis of >6000 Consecutive Discharges	
Congenital Abstracts	Intraoperative Technical Performance Score Predicts Predischarge Transplant-Free Survival and Reinterventions Following Congenital Heart Surgery – Analysis of Consecutive Discharges for 9 Years	<ol style="list-style-type: none"> 1. Michalowski AK, et al. Technical Performance Score: A Predictor of Outcomes After the Norwood Procedure [published online ahead of print, 2020 Sep 25]. <i>Ann Thorac Surg.</i> 2020;S0003-4975(20)31549-6. 2. Nathan M, et al. Technical Performance Scores are strongly associated with early mortality, postoperative adverse events, and intensive care unit length of stay-analysis of consecutive discharges for 2 years. <i>J Thorac Cardiovasc Surg.</i> 2014;147(1):389-396.e3.
Congenital Abstracts	Optimal High Flow Regional Cerebral Perfusion in Aortic Arch Repair from the Perspective of Postoperative Renal Function	<p>Sugimoto K et al. Markers of peripheral perfusion during high-flow regional cerebral perfusion for aortic arch repair. <i>J Thorac Cardiovasc Surg.</i> 2018 Dec;156(6):2251-2257.</p> <p>Miyaji K et al. Regional high-flow cerebral perfusion improves both cerebral and somatic tissue oxygenation in aortic arch repair. <i>Ann Thorac Surg.</i> 2010 Aug;90(2):593-9.</p>
General Thoracic Abstracts	Transbronchial Microwave Ablation of Lung Nodules in the Hybrid Operating Room – Mid-Term Follow Up of a Novel Technique	<p>Chan JWY, Lau RWH, Ngai JCL, et al. Transbronchial microwave ablation of lung nodules with electromagnetic navigation bronchoscopy guidance-a novel technique and initial experience with 30 cases. <i>Transl Lung Cancer Res.</i> 2021;10(4):1608-1622.</p> <p>Jiang N, Zhang L, Hao Y, et al. Combination of electromagnetic navigation bronchoscopy-guided microwave ablation and thoracoscopic resection: An alternative for treatment of multiple pulmonary nodules. <i>Thorac Cancer.</i> 2020;11(6):1728-1733.</p>
General Thoracic Abstracts	Sealing Effectiveness Of A Novel NHS-POx Based Patch: Aerostatic Experiments In A Dynamic Ex-Vivo Porcine Lung Model	<ol style="list-style-type: none"> 1. Attaar A, Tam V, Nason KS. Risk Factors for Prolonged Air Leak After Pulmonary Resection: A Systematic Review and Meta-analysis. <i>Ann Surg.</i> 2020 May;271(5):834-844. 2. Brunelli A, Bölükbas S, Falcoz PE, Hansen H, Jimenez MF, Lardinois D, Scarci M, Viti A, Walker I, Warren T. Exploring consensus for the optimal sealant use to prevent air leak following lung surgery: a modified Delphi survey from The European Society of Thoracic Surgeons. <i>Eur J Cardiothorac Surg.</i> 2021 Jun 14;59(6):1265-1271. 3. Boerman MA, Roozen E, Sánchez-Fernández MJ, Keereweer AR, Félix Lanao RP, Bender JCME, Hoogenboom R, Leeuwenburgh SC, Jansen JA, Van Goor H, Van Hest JCM. Next Generation Hemostatic Materials Based on NHS-Ester Functionalized Poly(2-oxazoline)s. <i>Biomacromolecules.</i> 2017 Aug 14;18(8):2529-2538.
General Thoracic Abstracts	Impact of Gastric Ischemic Preconditioning on Quantitative Assessment of Gastric Conduit Perfusion during Esophagectomy: Propensity-score Matching Study	<p>- Pham TH, Melton SD, McLaren PJ, et al. Laparoscopic ischemic conditioning of the stomach increases neovascularization of the gastric conduit in patients undergoing esophagectomy for cancer. <i>J Surg Oncol.</i> 2017;116(3):391-397. doi:10.1002/jso.24668</p> <p>- Michalinos A, Antoniou SA, Ntourakis D, et al. Gastric ischemic preconditioning may reduce the incidence and severity of anastomotic leakage after oesophagectomy: a systematic review and meta-analysis. <i>Dis Esophagus.</i> 2020;33(10):doaa010. doi:10.1093/dote/doaa010</p> <p>- Kamarajah SK, Boyle C, Bundred JR, Tan BH. Critical appraisal of gastric conduit ischaemic conditioning (GIC) prior to oesophagectomy: A systematic review and meta-analysis. <i>Int J Surg.</i> 2020;77:77-82. doi:10.1016/j.ijvsu.2020.03.020</p>
On Demand CT Education/Wellness/Quality	Global Makeup of Cardiothoracic Surgeons as Represented by Our Major Societies and Associations	<ol style="list-style-type: none"> 1. Ikonomidis JS, et al. The Society of Thoracic Surgeons Thoracic Surgery Practice and Access Task Force-2019 Workforce Report. <i>The Annals of Thoracic Surgery.</i> 2020;110(3):1082-1090. doi:10.1016/j.athoracsur.2020.04.004. 2. Shemin RJ, et al. Thoracic Surgery Workforce: Report of STS/AATS Thoracic Surgery Practice and Access Task Force-Snapshot 2010. <i>J Thorac Cardiovasc Surg.</i> 2012;143(1):39–46.e6. doi:10.1016/j.jtcvs.2011.10.022.
On Demand CT Education/Wellness/Quality	Assessment of Financial Conflicts of Interest in Cardiothoracic Robotic Surgery Studies	<ol style="list-style-type: none"> 1. Friedman LS, Richter ED. Relationship between conflicts of interest and research results. <i>J Gen Intern Med.</i> 2004 Jan;19(1):51-6. 2. Lexchin J, et al. Pharmaceutical industry sponsorship and research outcome and quality: systematic review. <i>BMJ.</i> 2003;326(7400):1167-1170.
Prolonged Periods of Antegrade Cerebral Perfusion Are Safe During Elective Arch Surgery: A Report from the ARCH Database	Prolonged Periods of Antegrade Cerebral Perfusion Are Safe During Elective Arch Surgery: A Report from the ARCH Database	<p>Lau C, Gaudino M, Iannacone EM, Gambardella I, Munjal M, Ohmes LB, Degner BC, Girardi LN. Retrograde Cerebral Perfusion Is Effective for Prolonged Circulatory Arrest in Arch Aneurysm Repair. <i>Ann Thorac Surg.</i> 2018 Feb;105(2):491-497. doi: 10.1016/j.athoracsur.2017.07.018. Epub 2017 Nov 1. PMID: 29100641.</p> <p>El-Sayed Ahmad A, Papadopoulos N, Risteski P, Hack T, Ay M, Moritz A, Zierer A. Is More than One Hour of Selective Antegrade Cerebral Perfusion in Moderate-to-Mild Systemic Hypothermic Circulatory Arrest for Surgery of Acute Type A Aortic Dissection Safe? <i>Thorac Cardiovasc Surg.</i> 2018 Apr;66(3):215-221. doi: 10.1055/s-0037-1604451. Epub 2017 Aug 6. PMID: 28780765.</p>
Sublobar Resection and Occult Nodal Disease	Is there a Role for Completion Lobectomy for Clinical Stage Ia Non-small	Omasa M, Date H, Takamochi K, Suzuki K, Miyata Y, Okada M. Completion lobectomy after radical segmentectomy for pulmonary malignancies. <i>Asian Cardiovasc Thorac Ann.</i> 2016 Jun;24(5):450-4. doi: 10.1177/0218492316648863. PMID: 27207503.

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	Cell Lung Cancer Patients with Occult Lymph Node Disease?	Moon Y, Lee KY, Park JK. Prognosis After Sublobar Resection of Small-sized Non-small Cell Lung Cancer with Visceral Pleural or Lymphovascular Invasion. <i>World J Surg.</i> 2017 Nov;41(11):2769-2777. doi: 10.1007/s00268-017-4075-7. PMID: 28597091.
Sublobar Resection and Occult Nodal Disease	Lobar Versus Sublobar Resection in Clinical Stage IA Non-Small Cell Lung Cancer Patients with Occult N2 Disease	Speicher PJ, Gu L, Gulack BC, et al. Sublobar Resection for Clinical Stage IA Non-small-cell Lung Cancer in the United States. <i>Clin Lung Cancer.</i> 2016;17(1):47-55. doi:10.1016/j.clcc.2015.07.005; Berfield KS, Wood DE. Sublobar resection for stage IA non-small cell lung cancer. <i>J Thorac Dis.</i> 2017;9(Suppl 3):S208-S210. doi:10.21037/jtd.2017.03.135
Surgical Videos	Modification of closure of the Aortotomy for "Y" Incision/Rectangular Patch to Enlarge the Aortic Annulus by 3-4 Valve Sizes	1.Yang B, Naeem A. A Y Incision and Rectangular Patch to Enlarge the Aortic Annulus by Three Valve Sizes. <i>Ann Thorac Surg.</i> 2021 Aug;112(2):e139-e141. 2.Yang B. A novel simple technique to enlarge the aortic annulus by two valve sizes. <i>JTCVS Tech.</i> 2021 Feb;5:13-16.
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Surgical Videos	Biventricular Repair of Pulmonary Atresia with Intact Ventricular Septum, Hypoplastic Right Ventricle, and Ebstein's Anomaly -- A Surgical Challenge	Yasuhiro Kotani, Shingo Kasahara, Yasuhiro Fujii, Takahiro Eitoku, Kenji Baba, Shin-ichi Otsuki, Yosuke Kuroko, Sadahiko Arai, Shunji Sano, A staged decompression of right ventricle allows growth of right ventricle and subsequent biventricular repair in patients with pulmonary atresia and intact ventricular septum, <i>European Journal of Cardio-Thoracic Surgery</i> , Volume 50, Issue 2, August 2016, Pages 298–303, https://doi.org/10.1093/ejcts/ezw124 Huang, S.-C., Ishino, K., Kasahara, S., Yoshizumi, K., Kotani, Y., & Sano, S. (2009). The potential of disproportionate growth of tricuspid valve after decompression of the right ventricle in patients with pulmonary atresia and intact ventricular septa. <i>The Journal of Thoracic and Cardiovascular Surgery</i> , 138(5), 1160–1166. https://doi.org/10.1016/j.jtcvs.2009.05.015
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