

6th APELSO 2023 &


The 55th Annual Scientific Meeting of the Korean Society for Thoracic & Cardiovascular Surgery

"Post Pandemic, New Standards"

November 2(Thu) ~ 4(Sat), 2023 | Grand Intercontinental Seoul Parnas, Seoul, Korea



Curriculum Vitae

Name	First Name	Thomas	Last Name	Brogan
Country	United States of America			
Affiliation	University of Washington School of Medicine/Seattle Children's Hospital			
E-mail	Thomas.brogan@seattlechildrens.org			

Educational Background

University of California, Davis, School of Medicine	Graduated 1990
Pediatric Residency, Children's Medical Center of Northern California	Completed 1993
Fellowship Pediatric Critical Care Medicine, University of Washington School of Medicine	Completed 1996

Professional Career

Pediatric Intensivist, University of Washington School of Medicine/Seattle Children's Hospital	1996 - Present
Professor, Department of Pediatrics, University of Washington School of Medicine	2014 – Present
Fellow, Extracorporeal Life Support Organization (ELSO)	2019

Research Field

Outcomes in Extracorporeal Life Support
Pneumonia in Children
Antibiotic Stewardship

Papers, Books, etc. presented or published by your name

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Manuscripts in refereed journals (past 5 years)

Capatos G, Burke CR, Ogino MT, Lorusso RR, Brogan TV, McMullan DM, Dalton HJ. Venovenous extracorporeal life support in patients in HIV infection and *Pneumocystis jirovecii* pneumonia. *Perfusion* 33: 433-437, 2018.

Brogan TV, Thurm C, Hersh AL, Gerber JS, Smith MJ, Shah SS, Courter JD, Patel SJ, Parker SK, Kronman MP, Lee BR, Newland JG. Variability in antibiotic use across PICUs. *Pediatr Crit Care Med* 2018; 19: 519-527.

Guner YS, Delaplain PT, Zhang L, Di Nardo M, Brogan T, Chen Y, Cleary JP, Yu PT, Harting MT, Ford HR, Nguyen DV. Trends in mortality and risk characteristics of congenital diaphragmatic hernia treated with extracorporeal membrane oxygenation. *ASAIO J* 65: 509-515, 2019.

Spaulding AB, Thurm C, Courter JD, Banerjee R, Gerber JS, Newland JG, Parker SK, Brogan TV, Kronman MP, Shah SS, Smith MJ, Patel SJ, Lee BR, Hersh AL. Epidemiology of *Staphylococcus aureus* infections in patients admitted to freestanding pediatric hospitals, 2009-2016. *Infect Control Hosp Epidemiol* 39: 1487-1490, 2018.

Dorfman MV, Clark JD, Brogan TV. ECLS for Legionella: All ages welcome in the ELSO Registry. *ASAIO J*. 66: 226-229, 2020.

Saifee NH, Brogan TV, McMullan DM, Yalon L, Matthews DC, Burke CR, Chandler WL. Monitoring hemostasis during extracorporeal life support. *ASAIO J* 66: 230-237, 2020.

Sawyer T, Billimoria Z, Handley S, Smith K, Yalon L, Brogan TV, DiGeronimo R. Therapeutic Plasma exchange in neonatal septic shock: A retrospective cohort study. *Am J Perinatol* 2019 Epub ahead of print.

Lipsett SC, Hall M, Ambroggio L, Desai S, Shah SS, Brogan TV, Hersh AL, Williams DJ, Grijalva CG, Gerber JS, Blaschke AJ, Neuman MI. *Hosp Pediatr* 2019; 9:770-778.

Brogan TV, Thiagarajan RR, Lorusso R, McMullan DM, Di Nardo M, Ogino MT, Dalton HJ, Burke CR, Capatos G. The use of extracorporeal membrane oxygenation in human immunodeficiency virus-positive patients: a review of a multicenter database. *Perfusion* 2020 Epub ahead of print.

Brown SR, Brogan TV, McMullan DM, Roberts JS. Outcomes after in-hospital pediatric recurrent cardiac arrests. *Pediatr Crit Care Med* 2020; Epub ahead of print

Maratta C, Potera RM, Van Leeuwen G, Castillo Moys A, Raman L., Annich GM, Brogan TV, Davidson M, MacLaren G, Peek G. ELSO: 2020 pediatric respiratory ELSO guideline. *ASAIO J* 2020; Epub ahead of print

Figuroa Villalba CA, Brogan TV, McMullan DM, Yalon L, Jordan DI, Chandler WL. Conversion from activated clotting time to anti-Xa heparin activity assay for heparin monitoring during extracorporeal membrane oxygenation. *Crit Care Med* 2020; Epub ahead of print

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Lipsett SC, Hall M, Ambroggio L, Hersh AL, Shah SS, Brogan TV, Gerber JS, Williams DJ, Grijalva CG, Blaschke AJ, Neuman MI. Antibiotic choice and clinical outcomes in ambulatory children with community-acquired pneumonia. *J Pediatr* 2021; Feb;229:207-215.e1 Epub ahead of print.

Shapiro DJ, Hall M, Lipsett SC, Hersh AL, Ambroggio L, Shah SS, Brogan TV, Gerber JS, Williams DJ, Grijalva CG, Blaschke AJ, Neuman MI. Short-versus prolonged-duration antibiotics for outpatient pneumonia in children. *J Pediatr* 2021; 234:2051.

Barreto JA, Mehta A, Thiagarajan RR, Hayward KN, Brogan A, Brogan TV. The use of extracorporeal life support in children with immune-mediated disease. *Pediatr Crit Care Med* 2022; 23: e60-e65.

Desai S, Hall M, Lipsett SC, Shah SS, Brogan TV, Hersh AL, Williams DJ, Grijalva CG, Gerber JS, Blaschke AJ, Neuman MI, Ambroggio L. Mycoplasma pneumoniae testing and treatment among children with community-acquired pneumonia. *Hosp Pediatr* 2021; 11(7):760-763

Brown SR, Roberts JS, Killien EY, Brogan TV, Farris R, Di Gennaro JL, Barreto J, McMullan DM, Weiss NS. Factors associated with pediatric in-hospital recurrent cardiac arrest. *J. Pediatr Intensive Care* 2022 epub ahead of print.

Rice-Townsend SE, Brogan TV, DiGeronimo RJ, et al. Characteristics of pediatric non-cardiac eCPR programs in United States and Canadian hospitals: a cross-sectional survey. *J Pediatr Surg* 2022; epub ahead of print.

Shapiro DJ, Thurm CW, Hall M, Lipsett SC, Hersh AL, Ambroggio L, Shah SS, Brogan TV, Gerber JS, Grijalva CG, Blaschke AJ, Cogen JD, Neuman MI. Respiratory virus testing and clinical outcomes among children hospitalized with pneumonia. *J Hosp Med* 2022 epub ahead of print.

Cogen JD, Hall M, Faino AV, Ambroggio L, Blaschke AJ, Brogan TV, Cotter JM, Gibson RL, Grijalva CG, Hersh AL, Lipsett SC, Shah SS, Shapiro DJ, Neuman MI, Gerber JS. Antibiotics and outcomes of CF pulmonary exacerbations in children infected with MRSA and Pseudomonas aeruginosa. *J Cyst Fibros*. 2022; S1569-1993.

Brown TV, Brogan TV. Right ventricular dysfunction in patients with acute respiratory distress syndrome receiving venovenous extracorporeal membrane oxygenation. *Front Cardiovasc Med* 2023;10:1027300.

Ambroggio L, Cotter J, Hall M, Shapiro DJ, Lipsett SC, Hersh AL, Shah SS, Brogan TV, Gerber JS, Williams DJ, Blaschke AJ, Cogen JD, Neuman MI. Management of Pediatric Pneumonia: A Decade After the PIDS/IDSA Guideline. (2023) *Clin Infect Dis*. In press. doi: 10.1093/cid/ciad385.

Books: Brogan TV, Lequier L, Lorusso R, MacLaren G, Peek G., eds :The ECLS Red Book, 5th Edition. ELSO, Ann Arbor, 2017.

Brogan TV, Annich G, Ellis WC, Haney B, Heard ML, Lorusso R., eds: ECMO Specialist Training Manual, 4th Edition. ELSO, Ann Arbor, 2018.