

# Select Citations (A-Series Flowprobes)

## VALIDATIONS

Dean DA, Jia CX, Cabreriza SE, D'Alessandro DA, Dickstein ML, Sardo MJ, Chalik N, Spotnitz HM, "Validation study of a new transit time ultrasonic flow probe for continuous great vessel measurements," *ASAIO J.* 1996; 42(5): M671-6. (pig, ascending aorta, CO probe, right heart bypass model, calibrated roller pump) (Transonic Reference # 29V)

## APPLICATIONS

Kotani Y, Honjo O, Shani K, Merklinger SL, Caldarone C, Van Arsdell G, "Is indexed preoperative superior vena cava blood flow a risk factor in patients undergoing bidirectional cavopulmonary shunt?," *Ann Thorac Surg.* 2012; 94(5): 1578-83. (Transonic Reference # 9735AH)

Berberian G, Kanter JP, Quinn TA, Spotnitz HM, "Optimized perioperative biventricular pacing in setting of right heart failure.," *Europace,* 2005; 7(4):385-7. (Transonic Reference # 7087AH)

Berberian G, Quinn TA, Kanter JP, Curtis LJ, Cabreriza SE, Weinberg AD, Spotnitz HM, "Optimized biventricular pacing in atrioventricular block after cardiac surgery," *Ann Thorac Surg.* 2005; 80(3): 870-5. (Transonic Reference # 7079AH)

Berberian G, Cabreriza SE, Quinn TA, Garofalo CA, Spotnitz HM. Left ventricular pacing site-timing optimization during biventricular pacing using a multi-electrode patch," *Ann Thorac Surg* 82: 2292–2294, 2006. (Transonic Reference # 9886H)

Botero M, Kirby D, Lobato EB, Staples ED, Gravenstein N., "Measurement of cardiac output before and after cardiopulmonary bypass: Comparison among aortic transit-time ultrasound, thermodilution, and noninvasive partial CO2 rebreathing," *J Cardiothorac Vasc Anesth.* 2004; 18(5): 563-72. (Transonic Reference # 3031AH)

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Jansen EW, Borst C, Lahpor JR, Gründeman PF, Eefting FD, Nierich A, Robles de Medina EO, Bredée JJ, "Coronary Artery Bypass Grafting without Cardiopulmonary Bypass Using the Octopus Method: Results in the First One Hundred Patients," *J Thorac Cardiovasc Surg.* 1998; 116(1): 60-7. (human, CO) (Transonic Reference # 1649AH)

Bretan PN Jr, Lobo E, Dumitrescu O, Miller B, Yen TS, "Experimental and Clinical Assessment of Preservation-Induced Reperfusion Injury Comparing Renal Transplant Blood Flow and Renal Endothelin Concentrations," *Transplant Proc.* 1997 Dec;29(8):3520-1. (pig, renal, transplant model, human acute) (Transonic Reference # 1092AH)

Willett DL, Hall SA, Jessen ME, Wait MA, Grayburn PA, "Assessment of aortic regurgitation by transesophageal color Doppler imaging of the vena contracta: validation against an intraoperative aortic flow probe," *J Am Coll Cardiol.* 2001; 37(5): 1450-5. (Transonic Reference # 2590AH )

Sharp MK, Pantalos GM, Minich L, Tani LY, McGough EC, Hawkins JA, "Aortic input impedance in infants and children," *J Appl Physiol.* 2000; 88(6): 2227-39. (asc. Aorta- A probe) (Transonic Reference # 2769AH)

Pantalos GM, Minich LL, Tani LY, McGough EC, Hawkins JA, "Estimation of timing errors for the intraaortic balloon pump use in pediatric patients," *ASAIO J.* 1999; 45(3): 166-71. (aortic, pediatric, A probes) (Transonic Reference # 1073AH)