

# Signature AV Access Creation References

- 1 Johnson CP et al, "Prognostic Value of Intraoperative Blood Flow Measurements in Vascular Access Surgery," *Surgery* 1998; 124: 729-38. (Transonic Reference # 1504AH) *Intraoperative measurements of access blood flow provide objective, reliable data that correlate with outcome. Routine use of this technology might lead to more efficient management of patients undergoing hemodialysis access surgery.*
- 2 Berman SS et al, "Predicting Arteriovenous Fistula Maturation with Intraoperative Blood Flow Measurements," *J Vasc Access*. 2008 Oct-Dec;9(4):241-7. (Transonic Reference # 7710AH) *Intraoperative blood flow measurements obtained at the time of autologous AVF construction can identify fistulas that are unlikely to mature; and therefore, that require immediate revision or abandonment which will ultimately expedite the establishment of a useful access in the HD patient. This is the first study to establish the minimal flow values uniquely needed for both radial artery and brachial artery AVFs to expect primary maturation to a functional access.*
- 3 Won T et al, "Effects of Intraoperative Blood Flow on the Early Patency of Radiocephalic Fistulas," *Ann Vasc Surg* 2000; 14(5): 468-72. (Transonic Reference # 2411AH) *Intraoperative blood flow is a reliable parameter that determines the early patency of radiocephalic fistulas.*
- 4 Lin CH et al, "Correlation of Intraoperative Blood Flow Measurement with Autogenous Arteriovenous Fistula Outcome." *J Vasc Surg*. 2008; 48(1): 167-72. (Transonic Reference # 7637AH) *Intraoperative blood flow measurement is a predictor of the primary and secondary patency of autogenous radiocephalic AVFs. Awareness of the significant correlation between intraoperative AVF blood flow and the short-term outcome would enhance the surgical efficiency and maximize the usefulness of autogenous AVF.*
- 6 Bashar K et al, "Arteriovenous fistula in dialysis patients: Factors implicated in early and late AVF maturation failure," *Surgeon*. 2016; 14(5):294-300. *A narrative overview of factors influencing the process of AVF maturation failure.*
- 7 Saucy F et al, "Is Intraoperative blood flow predictive for early failure of radiocephalic arteriovenous fistulae?" *Nephrol Dial Transplant* 2010; 25(3): 862-867. (Transonic Reference # 9999AHM) *Blood flow <120 mL has a good predictive value for early failure in RCAVF. During the procedure, this cut-off value may be used to select appropriately which RCAVF should be investigated in the operation theatre in order to correct in real time any abnormality.*
- 7 Saucy F et al, "Intraoperative assessment of vascular access," *J Vasc Access* 2014; 15 Suppl 7: S6-9. (Transonic Reference # 9989AHM) *The blood flow measurement should be performed after the confection of the anastomosis. When blood flow is limited, fistulography is an essential step to assess patency.*