

Only RCT to Prove Superiority of SCB v/s POBA

IMPRESSION RCT

Sirolimus coated angioplasty versus plain balloon angioplasty in the treatment of dialysis access dysfunction

Investigator Initiated Prospective, double blinded RCT evaluating the superiority of MagicTouch AVF SCB against POBA in Matured Dysfunctional AVF

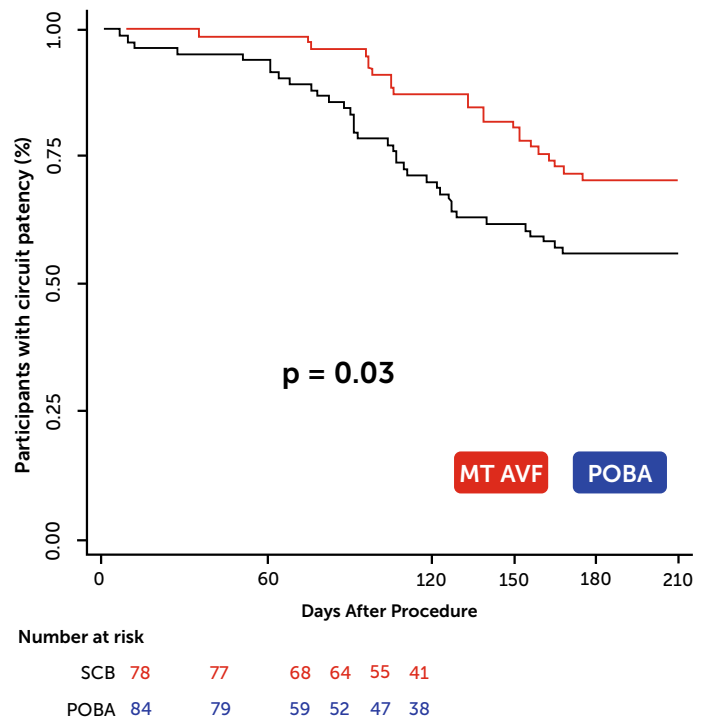
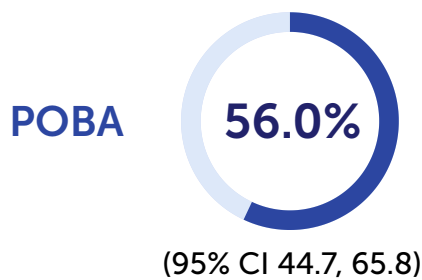
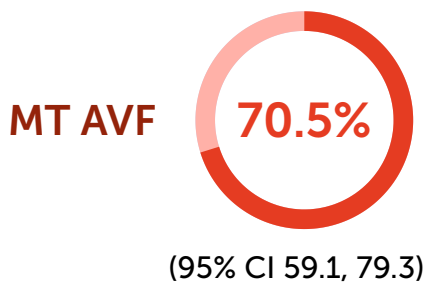


COMPLEX LESION & PATIENT POOL

Juxta Anastomosis	Cannulation Zone	Diabetes Mellitus	≥2 Prior Intervention
75% vs 80%	41.7% vs 30.2%	66.7% vs 70.9%	27.4% vs 25.6%

PRINCIPAL INVESTIGATOR – PROF. CHIEH SUAI TAN

6 Month Circuit Patency*



Key Takeaways

Application of SCB after adequate balloon angioplasty in matured dysfunctional AVF resulted in superior 6-month primary circuit patency v/s POBA in a multi-ethnic population with zero recorded case of thrombolysis within 30 days.

*Presented by Prof. Chieh Suai Tan at ASVS 2025

