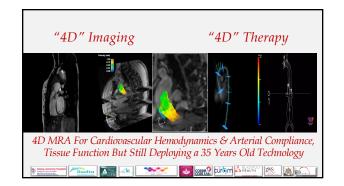
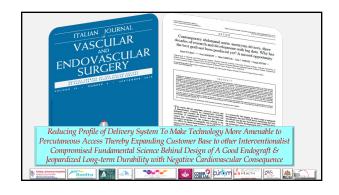


Disclosure Founder of Tulip Endovascular Innovation, Ireland Founder of Embricon Endovascular, Ireland Founder of Green Medical, Michegan, USA Research Education Grants: Cordis, Medtronic, Endologix, Gore, Vascular Solutions BMS, MSD, AstraZeneca, Abbot, AOTI Sanofi-Aventis, Pfizer, Ulbrich, Bolton Medical SFI, EI, NSAI, HRB, Cryolife, JoTec, Artivion

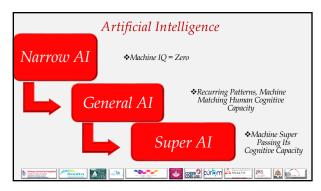










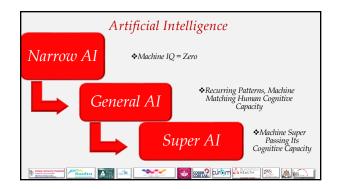




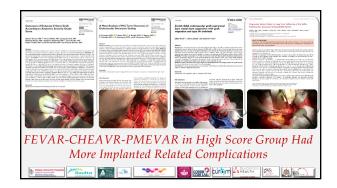




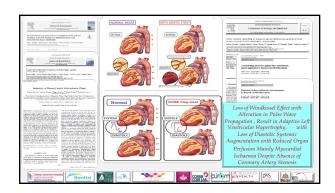


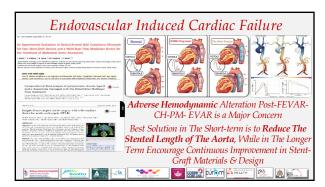


KOL	Technique	Effects On Cardiovascular & Visceral
Weiguo Fu	False lumen Embolization	Increased Wall Stress Pressure , Higher MACE, Higher SINE
Christoph A. Nienaber	FLIRT	Increased Wall Stress Pressure, Higher MACE
Eric L.G. Verhoeven	FEVAR/BEVAR	Unpredictable Branch Failure & High Type I-III
Joseph V. Lombardi	PETTICOAT	Successful in Only One Third of All Cases
Chun Che Shih	PETTICOAT	Successful in Only One Third of All Cases
Jean-Marc Alsac	STABILISE	MACE with Visceral Stents
Luca Bertoglio	STABILISE	MACE with Visceral Stents
Frans L. Moll	TEVAR for CS-TBAD	Increase in Cardiovascular Related Mortality
Juan C. Parodi	Endovascular Scissoring	Progressing in the Right Direction
I AUC :	AI/DMI E	ed "Failure" to Our Patients

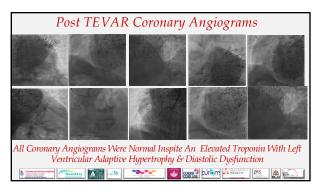








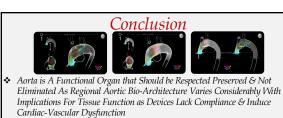




Conclusion

- ➤Increase in Cardiovascular Mortality in Patients Managed with PETTICOAT, Stabilise, FLIRT, FEVAR, Candy Plug, Knickerbocker due to Increased Arterial Stiffness, Increase Left Ventricular After-load & Systolic Hypertension
- Decreasing Stented Length of Aorta By TIGER Protocol is the Only Existing Solution until New Advanced Compliant Grafts Become
- ➤ Polyester-Based Aortic Endografts Causes A Threefold Increase in PWV Compared To PTFE-based Platforms with Alarming CV Consequences





- Next Generation Devices Must Restore Aortic Compliance to Reduce Cardio-Vascular Negative Hemodynamic Morbidity & Mortality
- * AI-ML Recommends to Repair AAA at 50 mm or Lower to avoid loosing Simple EVAR Endo-Solution, Enhance Long term Outcome & Avoid Saga of FEVAR-CHEVAR-PMEVAR Failure



The Negative Impact On Cardiovascular Hemodynamics: Lessons Of TEVAR, F/EVAR, B/EVAR And EVAR: What Causes The Problem & What Can Be Done To Fix

Prof Sherif Sultan 1,2,3

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