ADARA MEDICAL TECHNOLOGIES



3D CAD
Material Selection
Design for Manufacturing
Catheter Development / Improvement
Handle Design
Bond Development / Adhesive Selection
ISO / ASTM Standards Review

Steerable Catheters

- Single, bi-directional
- Single, bi-plane

Rapid Prototyping

3D printing, quick-turn machining
 Animal Study Support



DOCUMENTATION

2D Engineering Drawings / Specifications Validation & Verification

- Protocol Development
- Testing (partner with outside labs)
- Final V&V Report

FMEA / Risk Analysis Support

Design Input / Output Documentation



MANUFACTURING

Process Development
Mfg Process Documentation
Tooling
Coordinate with Vendors
Coordinate with Contract Manufacturers
Tolerance Analysis



Packaging Development Label Development Shipping Test Accelerated Aging Test



STERILIZATION*

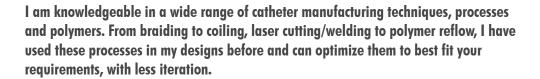
Sterilization Method Selection Sterilization Validation Single-Lot Release Sterilization Biocompatibility Testing

THE ADVANTAGES



I have over 15 years of R&D and manufacturing experience working on products ranging from

- Balloon and ablation catheters
- Endovascular Aneurysm Repair (EVAR) delivery system
- Transcatheter Aortic Valve Implantation (TAVI) delivery system
- Transcatheter Mitral Valve Repair (TMVR) delivery system
- Transcatheter Mitral Valve Implantation (TMVI) delivery system





I have a good understand of the capabilities and limitations of a wide spectrum of rapid prototyping technologies such as SLA, FDM, SLS and 3D-printing. These early prototypes can then be quickly converted to injection molding and other production-scale manufacturing.









CONTACT

Yen Liao Adara Medical Technologies, LLC 15206 Taylor Way Tustin, California 92782 (571) 268-1363 yen@adaramedtech.com