

Pacing, Defibrillation, and Neurostim Leads and Conductors

concept | development | testing | manufacturing | support

Engineering Expertise and Precision

- **Devices and Systems**
 - Neurostimulators, pacemakers, implantable defibrillators and LVAD leads and conductors
- **Device Design**
 - Use of Evergreen standardized lead modules or completely custom lead design
- **Components**
 - Standardized Connectors: IS-1, DF-1, IS4, DF4 OR application specific design
 - Lead Body: Conductor coils and cables, DFT wire, DBS cable and multilumen extrusions
 - Electrodes: Ring electrodes, tip electrodes, cuff electrodes, coil electrodes, surface modification and drug elution
 - Fixation: Tines, helix, active helix, shape and sutured
- **Materials**
 - Titanium, MP35N, stainless steel, platinum/platinum-iridium, polyurethane, PTFE and silicone
 - Utilize known biocompatible materials and suppliers of materials and components that are highly qualified in the leads supply chain
- **Delivery**
 - Lead delivery and anchoring: stylets, steerable sheaths and anchor sleeves
- **Packaging**
 - Designed and developed specifically for leads and accessories

Clinical Knowledge and Application

- Deep understanding of clinical conditions enabling us to see solutions others may not
- Highly experienced in known failure modes for leads to ensure robust new lead design
- Leads standards committee member
- Experienced in developing device applications for all cardiac and neuromodulation conditions

Flexibility

- Complete design and manufacturing or work with your internal expertise



1350 Energy Lane, Suite 100
St. Paul, Minnesota 55108
651-646-7700
evergreenmedtech.com
info@evergreenmedtech.com