High-fidelity, Wireless Monitoring and Recording for Interventional Cardiology Suite/OR

In collaboration with Dr. Anthony Faranesh, NHLBI

Supported by NIH contracts: HHSN268201200066C, HHSN268201400021C
High-fidelity, wireless monitoring/recording

- 12-lead ECG (cleared by the FDA for non-MRI settings)
- 4 blood pressure channels for fluid-filled catheters
- Noninvasive pulse wave / oximetry
- Wireless connectivity throughout interventional cardiology suite
- Real-time data display on Siemens SENSIS or GE Mac-Lab
12-lead surface ECG in an animal subject (pig) during real-time CMR
X-ray image of radiolucent, MR-compatible ECG cables

ECG cable in PELEX-MR (center), side-by-side with other common cables (left and right).
High-fidelity, wireless monitoring/recording

Projected Timeline

2016:
- Beta prototype
- Regulatory testing

2017:
- Clinical system
- FDA clearance anticipated

Contact: vs@pinmed.net
         info@pinmed.net
         www.pinmed.net