



“Helix provided exciting and practical design solutions that enabled us to add a compelling medical product to our portfolio. This product will empower medical staff and reduce cost.”

**John Nelson**  
Design Engineering  
iRADIMED Corporation

Featuring



## IRADIMED Corporation MRI Docking Station

The IRADIMED Docking Station enables clinical staff enhanced mobility and flexibility with an MRI safe removable tablet.



### Project Objective

- Creation of industrial design appearance concepts based on provided component definitions
- Explore various mechanical assembly options within specific material requirements and specifications

### HelixOne Approach

- Observe tasks and day to day operations
- Team collaborations and brainstorm
- Volumetric mock-ups and test assemblies
- CAD refinement and BOM development
- Rapid prototyping and operational testing



Tablet bracket provides mechanical support, data, and charging

Batteries support smart power management and are used in various existing products

## Development...

- Integration of form with pre-existing battery design for multi-product support
- System supports removable tablet that charges and communicates with network
- Polished accents and soft light colors integrates with medical environment
- Remote tablet ergonomic exploration and work flow integration
- Ease of assembly and integration of provided components
- Mechanical and electronic lockout security features