

Comprehensive Project Management leading to €150k saving on R&D expenditure

Redesign of laser lithotripter to attain state-of-the-art technology and compliance with latest basic safety and EMC standards

Developed for leading German manufacturer of Lithotripter system

- Bench marking, functional, system level and ergonomics study comparing client's and competitors' products
- Product re-design with improved industrial design concepts including form aesthetics and CMF options for housing
- Engineering feasibility study for integration of existing system's internal sub-assemblies
- Design and verification of system with increased laser energy from 30W to 35W and 20Hz to 22Hz
- Remote wireless display with Android Application Development
- Compliance with Basic Safety Edition 3.1 and EMC 4th Edition standard
- Specification of requirement, design and verification protocol for new design
- End-to-end regulatory and product life-cycle support activities



Team Size

15

Model

T&M

Performance

Future ready product for up-coming compliance requirements

Business Impact

Early product launch in US and Europe market to gain competitive advantage

Phases

2