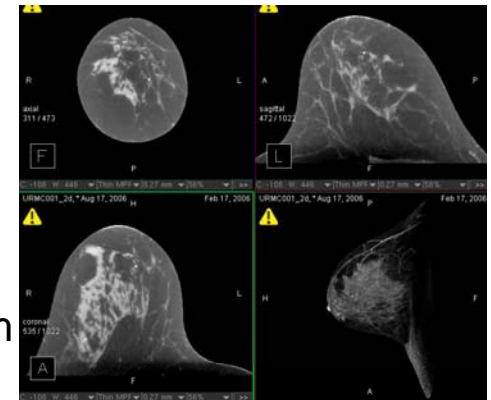




Case Study: Medical Imaging 3D CT Scanner: Breast and Extremities

A medical imaging startup in Rochester, NY developed an innovative approach for low-dose breast and extremity 3D CT scanning. The customer commissioned PEKO to **commercialize** the existing prototype **design for manufacturability**, durability, ease-of-installation and serviceability. With productivity in mind, PEKO's team incorporated design elements specifically to enhance end user value. To increase functionality, PEKO incorporated a combined vertical and horizontal telescoping enclosure package to resolve safety and access issues. Addressing potential setup and installation issues, PEKO developed an umbilical cable system design. PEKO successfully enhanced the system to deliver an efficient and robust product into clinical testing.



- CFR21 (part 820) and ISO13485-compliant procedures

