



CONQUEST IMAGING

PM of Multi-Vendor Ultrasound Systems

Develop the Process	Interview the customer. Consistent setups. Documentation. Interview the customer.
Inspections	ACR and JACHO
Check system operation	Modes of operation. Why test system operation? Spectral Doppler. Color Doppler. PW versus CW Doppler. Other modes (Harmonics, Contrast, 3D,4D)
Capture Pertinent Data	Encryption strings. Option codes. Network configurations. Board configurations.
System Back-ups	Back-up methods. Back-up media. Hard Drive imaging.
Inspecting Transducers	Types of transducers and transducer nomenclature. Resolution, axial, lateral, contrast and more. Types of beam forming, physical, electronic and why.
Electrical Safety	Leakage testing.
Preventative Maintenance	Perform 5 different system PM's The importance of Maintenance. How and when do I clean filters? Power supply testing. Hardware inspection. Check the chassis.
Open Forum and Review	Review