


Customer: Naval Medical Center, Portsmouth, VA



DOMA Technologies is tasked with providing Naval Medical Center Portsmouth, Virginia with ASRT/AMA/ARRT Certified Radiological Technologists/ Medical Technician support for the: technical; clinical; user training; and diagnostic imaging skills required for supporting the imaging environment within the Radiological PACS (Digital Imaging Network Picture Archiving System) workflow hospital division. Specific tasks associated with this requirement include:

- Review and evaluate digital images for positioning, quality, protocol, patient identification and technologist markers.
- Create and maintain Radiological PACS workflow documentation.
- Develop, maintain, and deliver PACS clinical and diagnostic training materials to hospital staff.
- Utilize the NMC Portsmouth Hospital Information System (HIS/CHCS/AHLTA) to correct deficiencies in patient records, exam records, and orders.
- Review, analysis and assist in the resolution of anomalies with patient studies.
- Provide recommendations to the PACS Administrator on correcting deficiencies and suggest alternate processing algorithms and positioning deviations to complete patient orders.
- Participate in PACS workflow and imaging quality meetings; create and develop quality control reports and related documentation.
- Provide a thorough knowledge of anatomy and physiology of the muscular, circulatory, lymphatic, respiratory, digestive and urinary systems.
- Interpret accurately the examination request to best determine the procedure to emphasize the physicians request to identify organs appearing on film and to evaluate the acceptability of the radiograph for diagnostic use.
- Provide support in radiographic exposure techniques including formula for determining technical factors to be used, the use of grids, filters, collimators, buckys and other accessories, such as restraint boards and cassette holders.
- Provide support for the proper positioning of patients for a wide variety of complex special procedures such as multi-axial tomography and routine examinations.

- Ensure the proper storage, accuracy and assurance of diagnostic, clinical images and patient studies within the PACS.