



Improving Radiologist Access to Critical Resources via a PACS-Integrated Web Platform

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Background/Problem Being Solved

At our institution, radiologists must navigate multiple disconnected resources to access various types of information and utilize different tools. These include internal websites, multiple cloud storage platforms, HR systems, policy repositories, and ticketing systems. Accessing them requires leaving PACS and is therefore disruptive to workflow.

Intervention(s)

Our PACS allows embedding of web content within the worklist and information window. A web platform was created and styled to blend with the PACS interface and was embedded directly within the PACS (Fig. 1). It consolidates essential clinical, technical, and administrative information into one location, enabling radiologists to remain within PACS while accessing information. Resources include things such as protocols, guidelines, policy documents, IT support, and ticketing. The platform's familiar interface reduced training needs and improved accessibility.

Barriers/Challenges

Challenges included organizing content from multiple repositories and ensuring accuracy. Like any information repository, ongoing maintenance will be the largest challenge going forward.

Outcome

The platform reduced time spent searching for information. Informal feedback cited intuitive navigation and seamless design as key benefits. Radiologists reported less frustration with finding essential and relevant resources.

Conclusion/Statement of Impact/Lessons Learned

Embedding an integrated web resource system directly into PACS improved efficiency and increased satisfaction. Consolidating disparate resources into a single, accessible interface addressed a key informatics challenge for our radiologists. This approach offers a reproducible model for other institutions. Future efforts will focus on content updates and potentially expanding support to additional roles.

Figure(s)

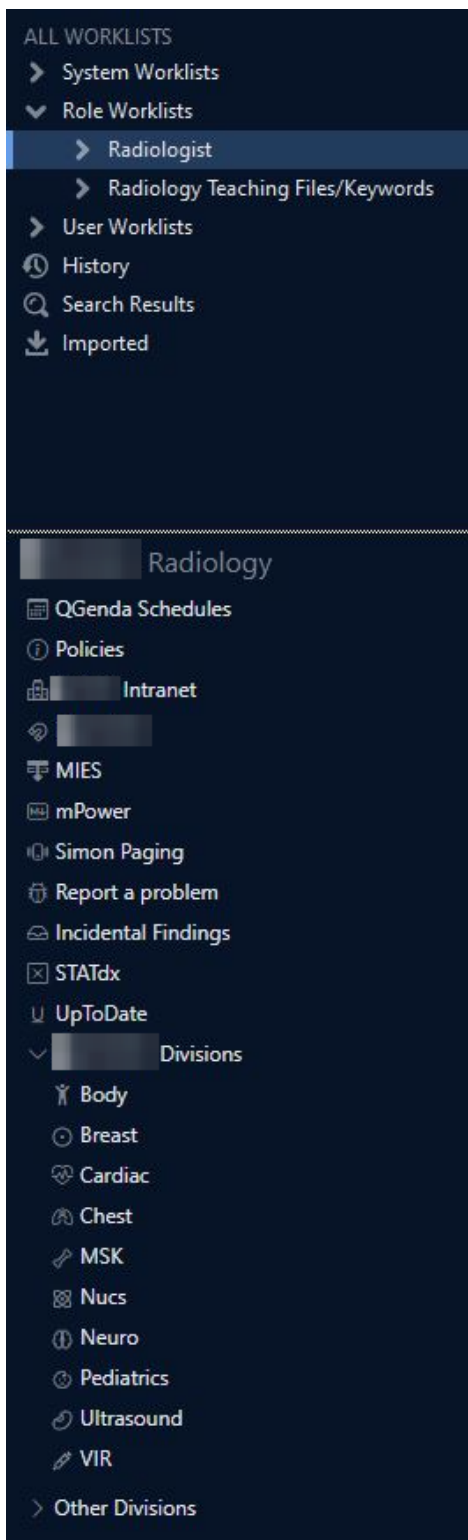


Figure 1. Screenshot of the PACS-integrated interface. The top section contains the radiologists' worklists. The bottom section shows the embedded web platform with collapsible menus and direct links to key resources. The style of the tool is matched to that of the native PACS.

Keywords

Administration & Operations; Applications; Clinical Workflow & Productivity; Communication Data Management; Provider Experience; Systems Management