

“The advances in central catheter placement technology have presented clinicians and their facilities opportunities to aggressively challenge the gold standard paradigm of utilizing chest radiography for central catheter tip termination identification.” Owens (2014).

Reference:

Owens, A.K. (2014) CAJ without CXR: One Small Hospital’s Journey to Change the Paradigm in Peripherally Inserted Central Catheter Tip Termination in Adults. The Journal of the Association for Vascular Access. 19(4), p.211-212.

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Abstract:

The advances in central catheter placement technology have presented clinicians and their facilities opportunities to aggressively challenge the gold standard paradigm of utilizing chest radiography for central catheter tip termination identification. There will always be challenges when employing chest radiography for placement verification. Challenges include parallax; quality of the radiographic image; technique used; unique patient anatomy that may include anatomical abnormalities; body habitus; and the presence of existing devices.

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