

CLEAR (Central Line Emergency Access Registry)

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FORMTEXT The purpose of the CLEAR project is to create a national database of various aspects of central line data including site of placement, use of ultrasound, use of sterile technique, and complications related to placement.

Many single center studies have analyzed the types of complications associated with central venous catheter insertions placed in femoral, internal jugular or subclavian veins. Articles in the recent emergency medicine literature have analyzed the safety and importance of ultrasound-guided central venous catheter insertion however, to date there have been no large national or international databases to study these issues. The CLEAR project will create a national pool of data (minimum of 10,000 cases) of attending physician and resident experiences in placement of these central lines. The database is being developed so that various research questions can be answered by extraction of data. One goal of this study is to develop a national registry to help analyze resident proficiency in the placement of these catheters and thus implement new educational protocols to improve patient safety and reduce complication rates.