
Diagnostic Services – Department of Radiology – Diagnostic Division

SUBJECT/TITLE: ADMINISTRATION OF CONTRAST VIA INDWELLING CENTRAL VENOUS CATHETER (CVC) IN ADULT OR PEDIATRIC PATIENT

PURPOSE: To ensure safe injection and timely administration of contrast through the indwelling central venous catheter (CVC) in the adult patient.

DEFINITION: None

POLICY:

A nurse, MD or **LIP** may administer contrast via the indwelling central venous catheter.

PROCEDURE:

1. If these persons are unavailable, the nurse from the inpatient unit or clinic may be asked to administer the IV contrast via the indwelling CVC.
2. Contrast may not be given through a CVC when CVN or lipids are infusing.
3. Contrast may not be given through any CVC by means of a power injector. The only situation in which contrast may be injected into a CVC utilizing a power injector is when the CVC is an approved line which will withstand the PSI force that the power injector provides. (An example of such is the “Power PICC” power injection PICC line by Bard).
4. Administration will be done in accordance of approved policy and CVC protocol.
5. An imaging technologist who has received training may access and inject contrast/saline flush power rated injectable devices.