



LESS LUMENS = LESS RISK

MFH/VAST/PHARMACY COLLABORATIVE

Objective: To increase use of single lumen PICCs over multi-lumen devices.

Plan:

1. MFH physician orders single lumen PICCs as default. Multi-lumen PICC orders restricted to these indications.
2. VAST reviews multi-lumen PICC orders. If not clearly indicated based on these indications, VAST will call the Pharmacy PICC team at pager #35815. If there is no response from pager #35815 after 60 minutes, VAST should then call the first contact (covering attending physician) to further discuss appropriateness of the multi-lumen PICC.
3. PICC pharmacy team (carrying pager #35815) will review the order for the multi-lumen PICC and contact the ordering provider to discuss the appropriateness of the multi-lumen PICC. Where appropriate, pharmacy may recommend adjustment or re-timing of medications to reduce multi-lumen PICC burden.
4. PICC Pharmacy team is responsible to ensure both VAST and the ordering provider are aware of the outcome of the discussion. Should the provider agree with a change to a single lumen device, the ordering provider will be asked to change the PICC order in MiChart. If placement of the multi-lumen PICC determined to be appropriate, PICC pharmacy team will ensure VAST is notified of this outcome.

Approved indications for Multi-lumen PICC's are as follows:

Continuous vesicant or irritant chemotherapy with additional lumen needs

Double Lumen: (one of the following treatments: IV Tacrolimus, IV Fosarnet, IV Cytarabine or Doxorubicin/vincristine as a combined infusion)

Need for vasopressors

(Continuous use of phenylephrine, vasopressin, dopamine, norepinephrine, epinephrine, dobutamine, milrinone)

Need for simultaneous administration of multiple incompatible medications

Call PICC Pharmacist at #35815 for specific questions regarding MFH patients

[Micromedex Drug Compatibilities](#)(via Clinical Home page-->Micromedex->IV compatibility tab)

TPN PLUS additional lumen needs

Order a single lumen PICC if there are no additional concurrent IV medications anticipated

---- PICCS are not appropriate if anticipated dwell time is <6days.

---- For patients with poor venous access or difficult blood draws and if the anticipated dwell time is >5 days, a single lumen PICC will be advised unless there is also an indication listed above.