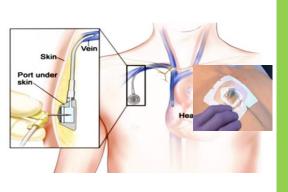
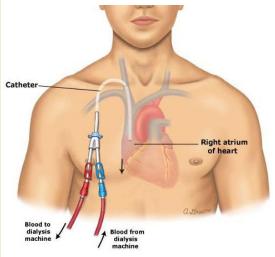


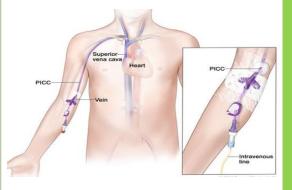
- Frequent encounter of patients with IV access devices and confusion as to which device can be access and used by EMS providers.
- If unclear about device use, always ask "Is this device used for dialysis?"
- When accessing central catheter, always ensure sterility of catheter connection point by cleaning port with alcohol, or similar disinfectant, 2 3 times prior to access.
- Central line catheters placed for administration of chemotherapy, medications, electrolytes, antibiotics, and blood are available to EMS providers for access and administration of fluids, medications, antibiotics, and blood products.
- Central line catheters placed for hemodialysis are NOT available for access by EMS providers unless the patient is in cardiac arrest.
- Long term IV access is frequently needed for a variety of indications: Medication administration such as antibiotics, pain relief, or chemotherapy Administration of IV nutrition or feeding Need for multiple IV line access or recurrent blood sampling Poor vasculature requiring repeated attempts at IV access End-stage renal disease requiring hemodialysis
- Common complications of central access devices:
 - InfectionLoss of patency due to clogging or clottingDamage to vasculaturePneumothoraxAir embolismPneumothorax

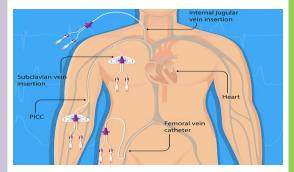
Revised

IV or IO Access









Revised 11/01/2020