

Buttonhole Tract Formation Using Polycarbonate Pegs

Procedure

- ◆ Remove the hemodialysis needles after dialysis per protocol
- ◆ Stop the bleeding
- ◆ Insert the peg into the established puncture sites using aseptic technique
- ◆ Some centers recommend using topical antibiotic cream at the time of peg insertion, but not all buttonhole protocols include antibiotic prophylaxis
- ◆ Cover the pegs with waterproof plaster dressing
- ◆ Leave pegs in situ until the next dialysis session
- ◆ Remove pegs immediately prior to dialysis session
- ◆ Prepare the cannulation sites per unit protocol
- ◆ Insert needles into site vacated by the pegs. The BH is created by approximately 8 to 12 cannulations using the peg
- ◆ Observe for infection, dislodgement of peg, and bleeding