Providence Orthosis Casting Procedure

Two Piece Plaster Only Casting

**Step 1.**
- Apply tight tube stockinette
- Mark ASIS, Costal Margin, Iliac Crest, Trochanters, Sternal notch with indelible marker
- Take measurements according to ST Scoliosis Form

**Step 2.**
- Use 4 ply plaster splints vertically
- Cover all boney landmarks
- Extend past midline laterally

**Step 3.**
- Lock splints together with plaster roll applied horizontally

**Step 4.**
- Massage plaster until smooth
- Mold in slightly above iliac crest and below 12th rib - (waist)

**Step 5.**
- After anterior hardens roll patient to prone position with anterior cast in place
- Use parting agent (soap) laterally so posterior half doesn’t adhere to anterior
- Mark landmarks coccyx, inferior angle of scapula

**Step 6.**
- Use 3 ply plaster splints starting laterally, overlapping anterior section
- Cover landmarks

**Step 7.**
- Lock splints together with plaster roll applied horizontally
- Let plaster harden
- Separate posterior section from anterior
- Roll patient, take off anterior section

**Step 8.**
- Apply tight tube stockinette with cut strip anteriorly
- Mark ASIS, Costal Margin, Iliac Crest, Trochanters, Sternal notch with indelible marker

One Piece Plaster/Fiberglass/Synthetic Casting

**Step 1.**
- Apply tight tube stockinette

**Step 2.**
- Apply synthetic wrapping
- Cover all boney landmarks

**Step 3.**
- While wrap is drying, lay patient down on back with hips flexed slightly to reduce lordosis
- Let wrap harden

**Step 4.**
- Mark key lines horizontally across cut strip
- Cut wrap on cut strip

**Step 5.**
- Remove cast carefully, minimizing distortion