Lifting Devices

PROCEDURE

SAMSON STRAP — STEPS

1. Prepare: assess, communicate, and gather responders
2. Position straps: one under the thighs, one around the back under the armpits (may require a gentle roll)
3. Secure grip: proper strap placement; each responder grabs handles firmly
4. Responder position: face each other, knees bent, backs straight
5. Lift on signal: coordinated command, lift with legs, not back
6. Stabilize: support the patient standing, or assist to chair/stretcher if unable to bear weight
7. Use case: patient seated or on the floor; can assist to standing or transfer to chair/stretcher

BINDER LIFT — LOG ROLL (SUPINE, OPEN AREA)

1. Roll the patient onto their side
2. Slide the Binder Lift under them, cushioned edge at the armpits, excess material bunched up
3. Roll the patient back into a supine position
4. Pull the Lift flat and center it — align leg strap receiver buckles with the patient's midline

BINDER LIFT — PULL-DOWN & WRAP METHODS

- Pull-down (limited space): place the Lift just above the patient's head, edge touching the crown
- Ask the patient to lift their head (if able); pull the Lift down to bunch beneath the shoulders
- Grip and slide downward until the cushioned edge sits under the armpits (see-saw motion if needed); center leg strap buckles
- Wrap (sitting): wrap the Lift around the patient, cushioned edge just below the armpits; center leg strap receiver buckles
- The Binder Lift is a padded lifting device with secure grip points for multiple rescuers — from floor, bed, or chair

CLEANING

- Samson Strap: soak in dish soap overnight; can be machine washed and dried
- Binder Lift: hand-wash ONLY — no machine wash or dry
- Both: rinse off bodily fluids; wash with hot soap and water (Binder Lift max temp 175°, soft brush or cloth)
- Both: rinse thoroughly and hang/air or wipe dry
- Both: disinfect with germicidal wipes or 2%–5% chlorine/water solution, or hospital-grade germicidal cleaners (AHP, Sani Wipes)

Take Home Message:

Assess, position the straps, grip firmly, and lift on one signal — with your legs, not your back.