

SINGLE SKILL STATION

Pelvic Binder

Map © iStockphoto/Thinkstock

Objective

- Demonstrate the proper technique and procedures for applying a pelvic binder.

References

- SAM Pelvic Sling training: www.sammedical.com/training/sam-pelvic-sling-training
- Application of Pelvic Binders; using the T-POD: www.tamingthesru.com/blog/acmc/application-of-pelvic-binders
- PelvicBinder: www.pelvicbinder.com/pelvicbinder
- Hsu S-D, Chen C-J, Chou Y-C, et al. Effect of early pelvic binder use in the emergency management of suspected pelvic trauma: a retrospective cohort study. *Int J Environ Res Public Health*. 2017;14(10):1217.

Evaluation

- The instructor will verify the student's ability to apply a commercially available pelvic binder in the classroom setting either alone or with a partner.
- Performance is evaluated based on demonstration of the performance steps and compliance with the critical criteria.

Equipment

- Simulated patient (moulaged volunteer or manikin)—1
- Commercial pelvic binder—1
 - SAM Pelvic Sling
 - Pelvigrip
 - T-POD (trauma pelvic orthotic device)
- Pelvic Binder Personal protective equipment—1 set per student

Instructor Guidelines

1. Ensure that each student has the required materials.
2. Read the objective and the evaluation statement to students.

Performance Steps

Pelvic Sling Application—Logrolling (Two Providers)*

1. The students verbalize cutting off patient's clothing; for classroom simulation, students remove any solid

objects from the patient's clothing the device will be placed over.

2. The students locate the greater trochanters.
3. The students place the device under the patient by gently rolling the patient to one side, placing the device, and then rolling the patient back.
4. One student feeds the black precision strap through the buckle.
5. One student pulls the black strap with one hand while the second pulls the orange handle in the opposite direction.
6. The students pull until an audible click is heard and felt at the buckle. *Note to students:* If using the SAM Pelvic Sling, do not be concerned if a second click is heard after the sling is secured.
7. The students maintain traction on the black strap and the orange handle while securing the strap onto itself.

Pelvic Sling Application Alternative—Lifting (Two Providers)

1. The students remove any solid objects from the patient's clothing the device will be placed over.
2. The students locate the greater trochanters.
3. The students gently lift the patient and slide the device under the patient's pelvis.
4. The students feed the black precision strap through the buckle.
5. One student pulls the black strap while the second student pulls the orange handle in the opposite direction.
6. The students pull until an audible click is heard and felt at the buckle. *Note to students:* If using the SAM Pelvic Sling, do not be concerned if a second click is heard after the sling secured.
7. While both students maintain traction, the strap is secured onto itself.

Critical Criteria

- The device is not centered on the greater trochanters.
- Not enough tension is applied for the buckle to lock into place (if using SAM Pelvic Sling).

*SAM Pelvic splint instructions from: http://www.sammedical.com/assets/uploads/SLI-PED-G-01_FEB-2018-STATIC-sm.pdf