



# **T-PODResponder™**

## **Pelvic Stabilization Device**

Training Session

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# Why **T-PODResponder**?

- Pelvic fractures have a mortality rate of 5% to 50%, due mainly in part to the significant hemorrhage that may occur in the pelvis with minimal external signs
- Achieving pelvic stabilization and reducing pain from a pelvic injury is difficult to achieve outside of a hospital environment
- **T-PODResponder** is a non-invasive, lifesaving, pelvic stabilization device that can be applied in any environment

# Why T-POD Responder?

- Lowers rate of morbidity
- Decreases blood loss or hemorrhage
- Decreases need for administration of blood or blood by-products
- Decreases patient pain levels and need for pain medication
- Provides a quick, safe, and effective method for the initial treatment of pelvic injury and possible pelvic fractures

# Advantages of **T-POD Responder**

- **EFFICIENT:** Pulley System is easily drawn closed with one hand and without straining
- **EASY TO USE:** can be easily applied in pre-hospital, emergency department or battlefield environments
- **FAST:** Pulley System and Pull Tab allows the user to stabilize the pelvis in seconds
- **COMPATIBLE:** 100% radiolucent, x-ray, MRI and CT scan compatible

# Advantages of **T-PODResponder**

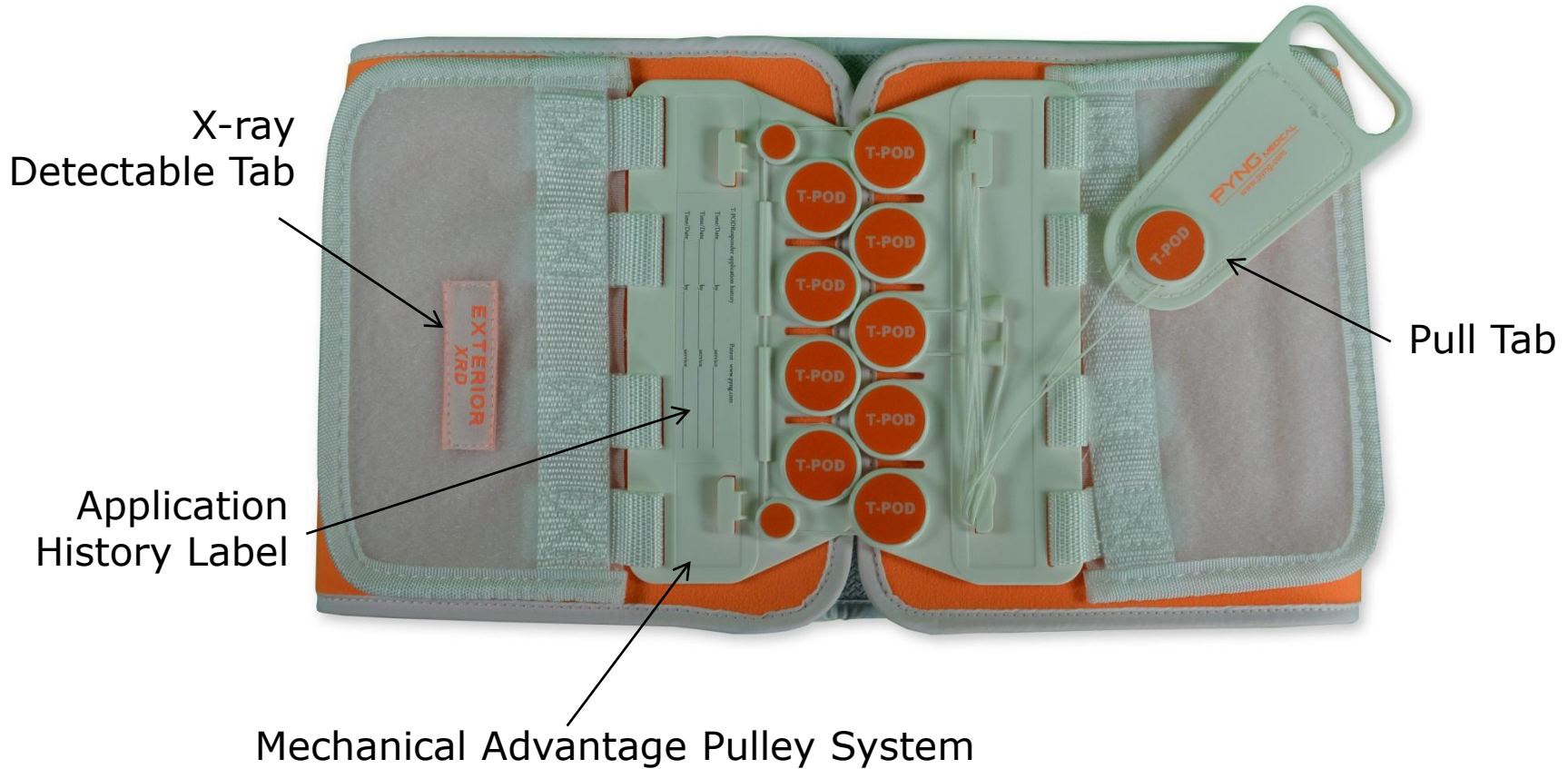
- **SAFE:** Pulley System 6-8" (15.2-20.3cm) gap closure ensures the ideal tension and prevents over-tightening
- **EFFECTIVE: T-PODResponder** has been proven to be as effective as definitive fixation in reducing pubic diastasis in the pelvic cross-sectional area
- **MODIFIABLE:** one-size fits most physiologies and is easily trimmed for a custom fit; two can be secured together for obese patients

# Advantages of **T-POD Responder**

- **ADJUSTABLE:** compression can be immediately adjusted to each patient and application need
- **COMPACT:** comes in a compact, quick opening packaging
- **LATEX FREE:** non-metal, flexible, fabric belt
- **EMS Safety Orange Color:** available in high visibility EMS orange color

# T-POD Responder

## Pelvic Stabilization Device



# T-POD Responder Explained

- **Mechanical Advantage Pulley System** ensures simultaneous, circumferential compression of the pelvic region
- **Circumferential** closure compresses at every point around the pelvis, with symmetrical and equal pressure. This is due to the width of the Pulley System equaling that of the binder
- **Pull Tab** easily adheres to Belt to keep applied compression in place, without any loss of pressure



# T-POD Responder Explained

- **Symmetrical** closure is more effective at reducing pelvic fractures, hemorrhage, pain, transfusions, length of hospital stay and morbidity
- **XRD Tab (X-ray Detectable Tab)** appears on x-ray, MRI and CT scans, allowing medical personnel to visibly see that a **T-POD Responder** is in place on the patient
- **Application History Label** provides a place to document date and time of **T-POD Responder** application and re-application

# T-PODResponder Explained



Pre-application  
of  
T-PODResponder



Post-application  
of  
T-PODResponder



Radio-density of  
T-PODResponder

# Application Procedure

1. Slide Belt under supine patient and into position under the pelvis. Smoothly and with minimal force roll the patient to aid in positioning the Belt. Align the top edge of the Belt at the level of the iliac crest. Alternatively the Belt can be centered at the level of the greater trochanters.

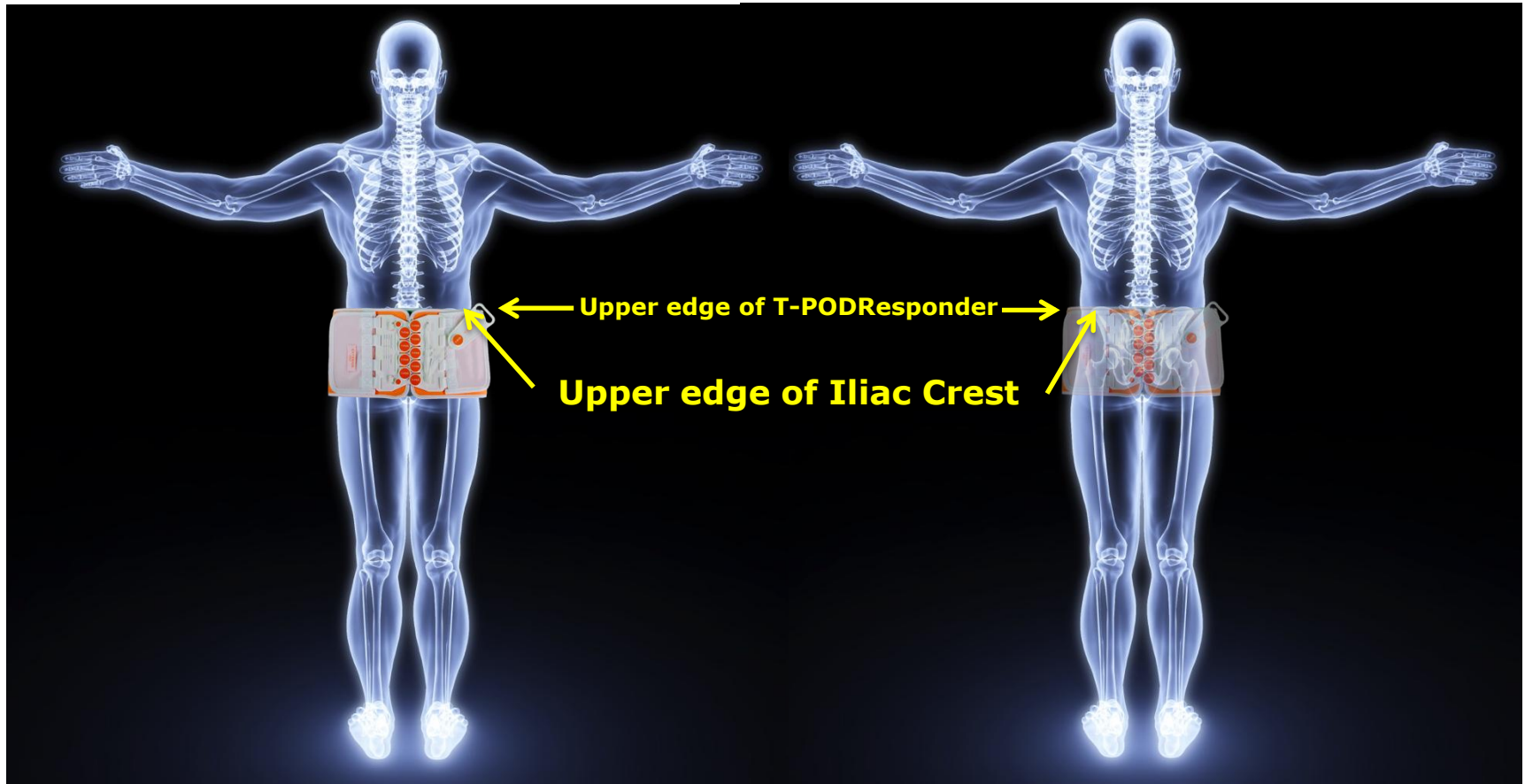


The ProSlide may be used to aid in sliding the Belt.



# Placement of T-PODResponder

The upper edge of the T-PODResponder should align with the upper edge of the Iliac Crest



# Application Procedure

2. Trim the Belt, leaving a 6-8" (15.2-20.3cm) gap over the center of the pelvis.



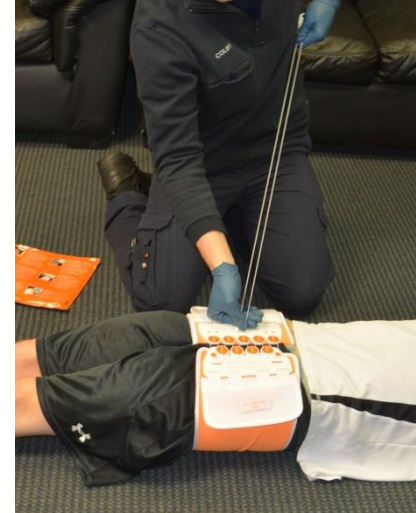
3. Apply Velcro-backed Mechanical Advantage Pulley System to each side of the trimmed Belt.



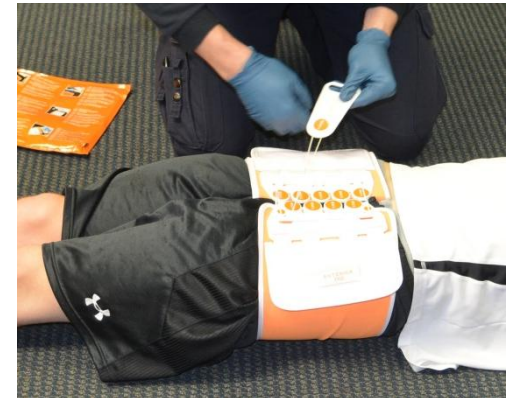


# Application Procedure

4. Slowly draw tension on the Pull Tab, creating simultaneous, circumferential compression.



5. Secure the chord to the hooks and the Velcro-backed Pull Tab to the Belt.



# Application Procedure

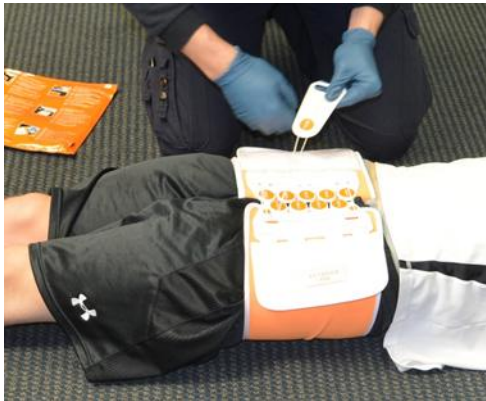
6. Record the date and time of application on the space provided.



# Re-applying **T-POD Responder**

Circumferential compression should be released every 12 hours to check for skin integrity and provide wound care, as necessary. To re-tighten, draw Velcro-backed Pull Tab, secure and attach to Belt.

**T-POD Responder** release time should also be noted on the label.





# Re-applying **T-PODResponder**

## **CLINICAL USE WARNING:**

Re-use of **T-PODResponder** is not recommended once it has been used on an injured person, due to the potential of cross-contamination. Serious injury or death may result.



# Considerations

- If an obese patient requires **T-PODResponder**, two belts may be affixed together using one power unit as an extender and the other as the pulley.
- Monitor pulse and blood pressure in accordance with your organizational protocols.
- **T-PODResponder** should be replaced when soiled or after every 24 hours of use.

# Considerations

- Place Foley catheter prior to application as needed.
- Ensure that you can have a 6"-8" (15.2-20.3cm) gap on small children to ensure T-PODResponder effectiveness. You may also have to adjust the actual placement of the T-PODResponder depending on the child's size.

# References

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