

## Chest-Matt™, a training manikin for Pyng Medical's FAST Sternal Intraosseous Products

The Chest-Matt allows students to successfully perform a Sternal Intraosseous (IO) insertion correctly and accurately on a real person increasing learning retention and real world applicability. The Chest-Matt is a human worn reusable training manikin that contains all the pertinent anatomical landmarks to successfully perform a Sternal Intraosseous insertion. The device contains palpable clavicles, manubrium, and a sternal notch. The wearer is protected by a puncture resistant ABS plastic shield built into the anatomically similar manikin covered in lifelike silicone skin. The Chest-Matt contains removable and reusable training pucks covered in silicone skin that have the ability to accept between 6 and 10 insertions each.

**Note: This training device should only be used under direct supervision by someone trained in the use of the FAST devices.**

The Chest-Matt may also be used as a table top training tool.



Chest-Matt with replacement puck (illustration only, actual may vary)

1. Before usage inspect the Chest-Matt and training pucks for damage to ensure wearer safety during training.
2. Insert the training puck into the manubrium cavity. Ensure skin edges have been aligned with the Chest-Matt.



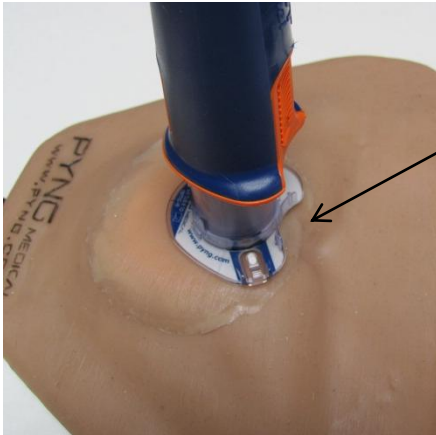
Inserting the puck in the Chest-Matt



Chest-Matt with puck

3. Place the Chest-Matt on the desired wearer for training.  
**\*Ensure the anatomical landmarks on the Chest-Matt align and are over the wearer's actual anatomy. (Clavicles, manubrium, and sternal notch)**

4. Tighten the retaining straps around the wearer to prevent movement during intraosseous insertion.
5. Follow the FAST device instructions for use, ensure to align with the Chest-Matt's sternal notch simulating as would on a patient.  
 \*Ensure proper anatomical placement of the device on the Chest-Matt and not the wearer's actual anatomy.



Aligning FAST device with Chest-Matt sternal notch

6. Discard the FAST IO device following proper sharps handling protocols. Or reset the FAST trainer device per the device trainer instructions.

**Removal and reset**

1. Follow the FAST device instructions for removal of the infusion tube. While holding down the target foot on the replacement puck, grasp the infusion tube and pull back perpendicular to the Chest-Matt's manubrium until the entire infusion tube has emerged from the training puck.
2. Remove the training puck and inspect for usability and damage. Replace if needed before the next use. (Each puck is useable for 6 to 10 insertions)

Do not pull on skin of puck



Pull on plastic or foam of puck to rotate or replace

