

GEISTER

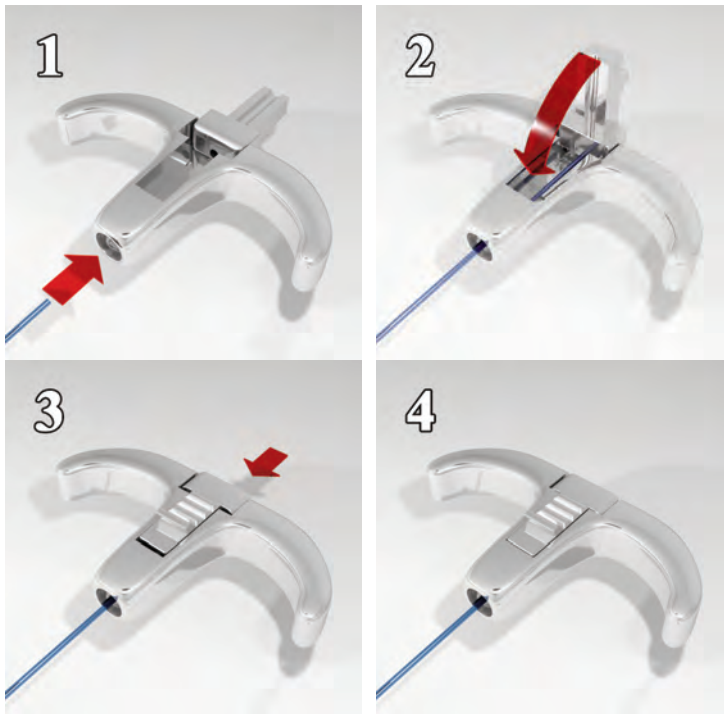


The better way to operate™

Izzat Wire-Grip



- (1) Simple to use.
- (2) Firmly grasps the wire.
- (3) Allows for a commanding grip to ease tightening of sternal wires.
- (4) Eliminates wire end protrusion.
- (5) Eliminates the risk of operator glove or skin puncture throughout the procedure.



Median sternotomy is the mainstay of cardiac surgical operations, and wire-closure is the most widely used method of sternal re-approximation. It is important for the surgeon to have an adequate grip on the wire he is utilizing, and Kocher clamps are widely used for this purpose. Yet, these clamps tend to crowd the operative field and may cause problems with glove tearing, either by unintentional clamp release or by portions of wires that stick out.

The newly designed Izzat Wire-Grip is a T-shaped device that consists of a narrow hollowed shaft attached to a horizontal handle. The free end of the wire is passed through the tip of the shaft, until it enters a hollowed lever and stops at its blind end. The lever is then turned 180° degrees towards the tip, thereby bending the wire completely on itself. Traction on the wire shifts the lever towards the tip of the device and locks it in a dedicated groove. Increasing traction on the wire increases the force that is applied upon the lock and increases its security.

Reference:

Izzat MB. Sternal wire-grip: A new device in the surgical armamentarium. *Interactive CardioVascular and Thoracic Surgery* [in press].



**Order information:**

**14-0710**  
**Izzat Wire-Grip**

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