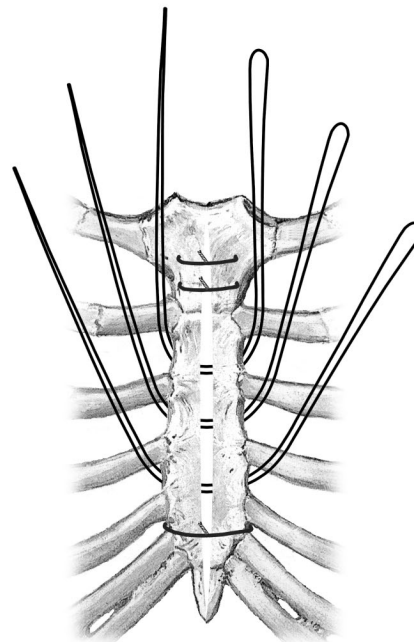


# DoubleWire High Strength Sternal Closure System

## Four steps to a more secure sternal closure

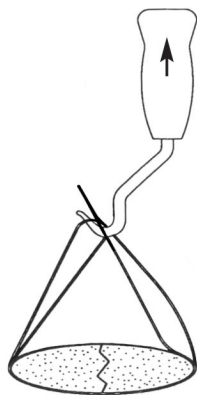
All sternum wires are placed in the usual locations prior to sternal closure. Place the DoubleWires in the mesosternum as shown in the illustration to the right. Care should be taken to avoid the internal mammary artery. Do not wrap either end of the DoubleWire around a hemostat.

Approximate the manubrium and xiphoid sternal areas using the single sternal wires. Twist these wires tight and cut but do not fold down into the sternum.

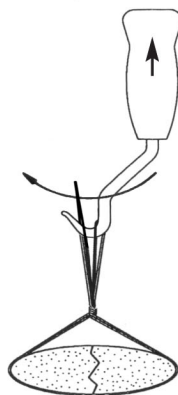


The needle and short single wire length are cut immediately above the DoubleWire tapered weld joint. Do not cut directly on the tapered weld.

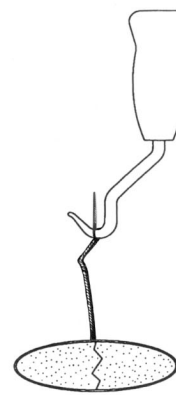
(Cut at arrow, above weld joint)



The needle and short single wire length are cut immediately above the DoubleWire tapered weld joint. Do not cut directly on the tapered weld.



The twister hook is inserted into each loop. Slight upward force is applied to the twister to insure each loop is even on both sides of the sternum.



As soon as the DoubleWire starts to double cable on itself the twisting action should be terminated. Check the single wires in the manubrium and xiphoid areas and tighten as necessary.