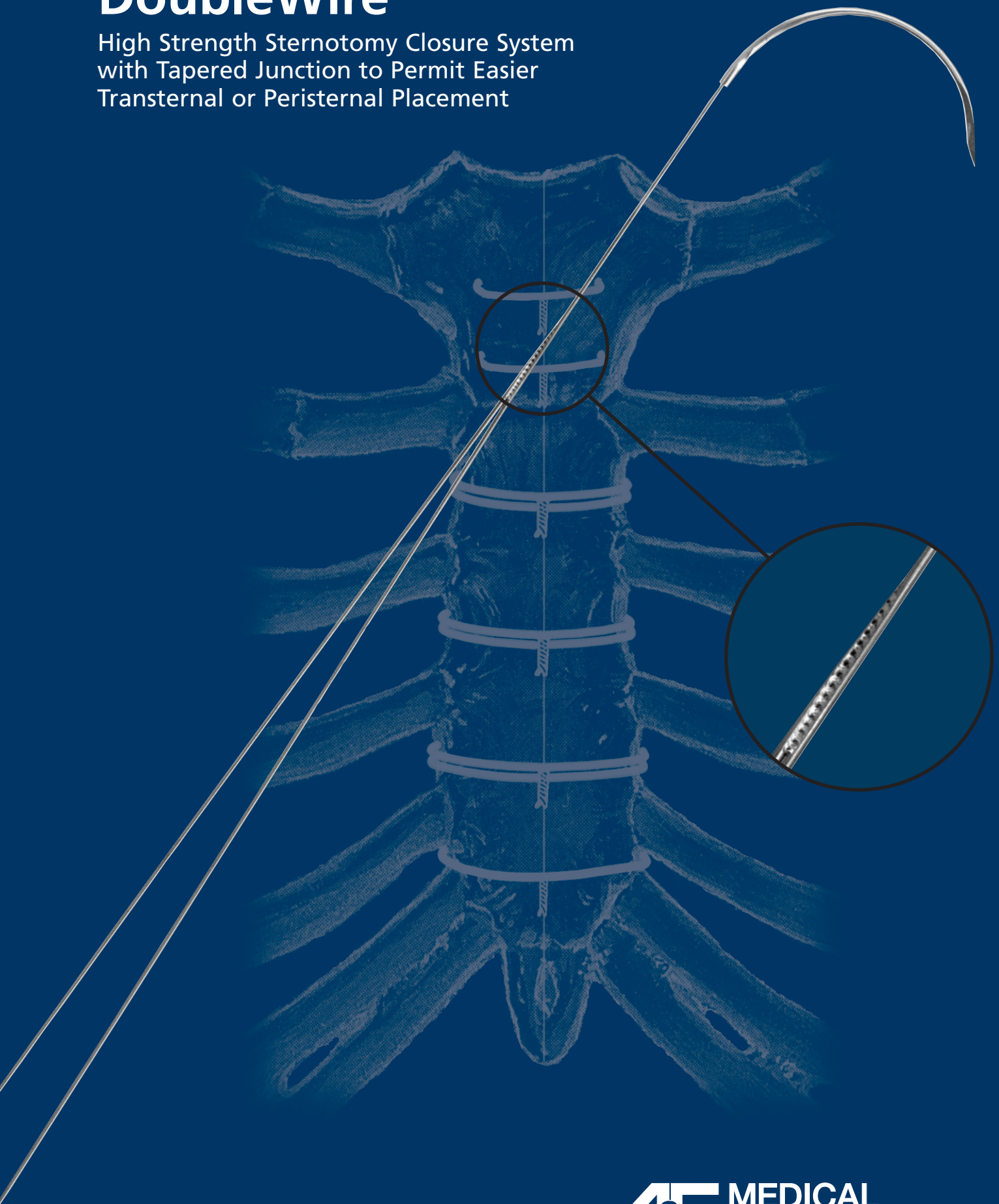


DoubleWire

High Strength Sternotomy Closure System
with Tapered Junction to Permit Easier
Transternal or Peristernal Placement

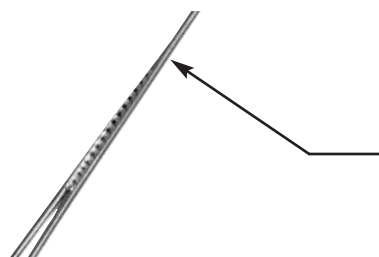
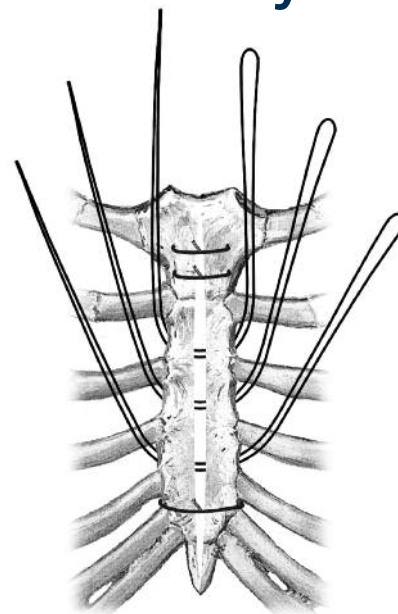


DoubleWire High Strength Sternal Closure System

Four steps to a more secure sternal closure

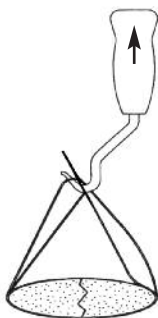
All sternum wires are placed in the usual locations prior to sternal closure. Place the DoubleWires in the mesosternum as shown in the illustration to the right. Care should be taken to avoid the internal mammary artery. Do not wrap either end of the DoubleWire around a hemostat.

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.

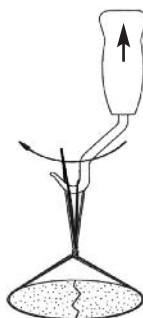


The needle and short single wire length are cut immediately above the DoubleWire tapered weld joint. Do not cut directly on the tapered weld.

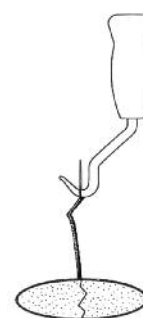
(Cut at arrow, above weld joint)



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.



When 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.

DoubleWire Catalog Number Ordering Information (3 wires per package, 12 packages per box)

Needle	Needle Size	USP #6 14" DoubleWire	USP #8 14" DoubleWire	USP #6 18" DoubleWire
BE#1	85mm	046-217	048-217	046-317
BE#2	65mm	040-365	---	---
BE#3	51mm	046-297	048-297	046-397
CCS#1	49mm	046-237	048-237	046-337
CCS#2	59mm	046-267	048-267	046-367
CCS#3	49mm	046-287	048-287	046-387

DoubleWire and Single Wire Combination Packages Catalog Number Ordering Information

DoubleWire Needle	Single Wire Needle	USP #6 (All wires) 3 each 14" DoubleWire and 3 each 18" Single Wire Per Pkg. 12 Pkg/Box
CCS#2	CCS#2	040-354
BE#1	CCS#2	040-355

DoubleWire Twister (each non-sterile) 040-400