

GEISTER



GEISTER®

The better way to operate™

for All  
Speroni™ Retractor



# One for

This unique universal retractor system perfectly covers all requirements of modern cardiothoracic surgery.

It comes with one I.M.A. blade with stabilizing screw - converting it into a stable three-point based I.M.A. retractor for right or left side use - as well as with 2 sternum blades - gently curved to protect the sternal bone - and 2 perforated lateral thoracic blades.

The precisely crafted soft-slide attachment allows for easy and quick change of blades during operation and keeps blades securely in place all the time.

Optionally available are small mini-thoracotomy or mini-sternotomy blades, mini I.M.A. blades, a turnable t-bar and a flexible arm for minimally invasive cardiac surgery and valve surgery together with a wide variety of accessories.

Optimal function, performance and cost efficiency have made the GEISTER® Speroni™ One for All Retractor System one of today's most popular retractor systems for cardiothoracic surgery - worldwide ...

## Truely One for All.

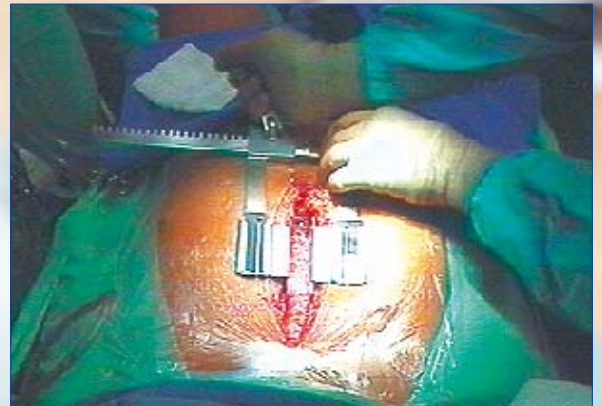
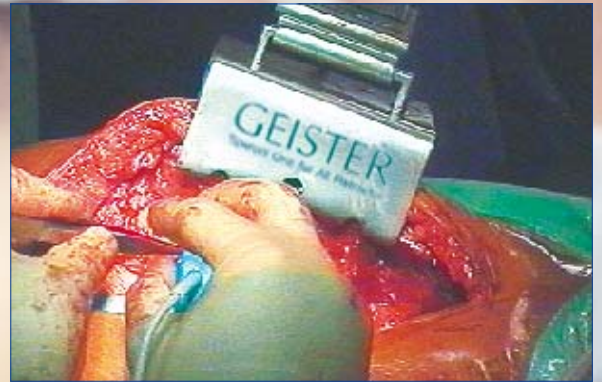
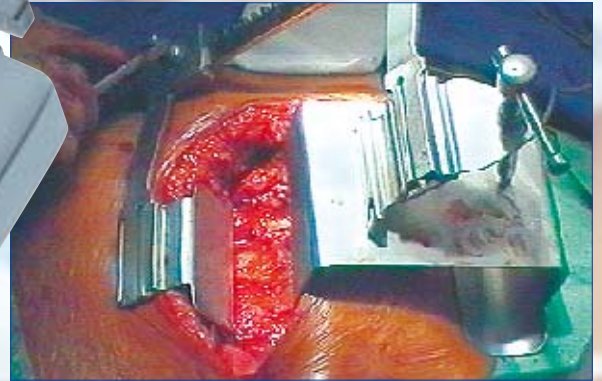
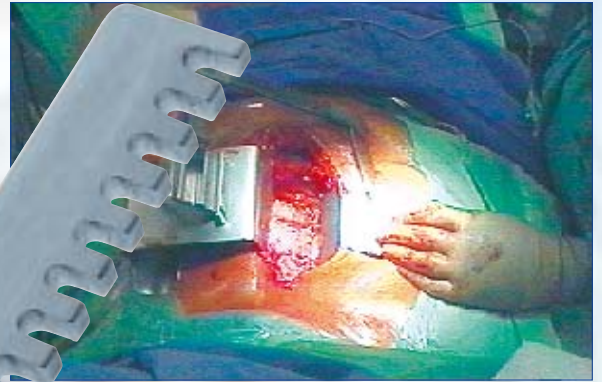
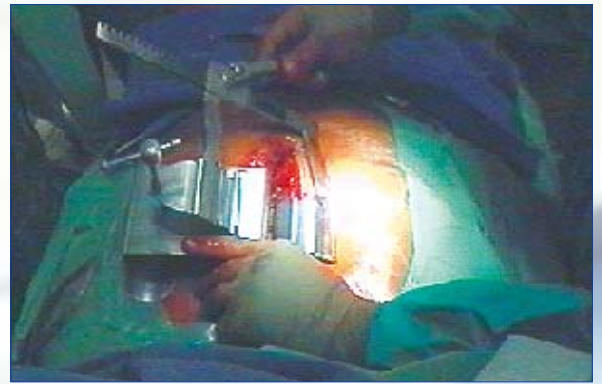
Developed in cooperation with Fabio Speroni MD,  
German Heart Institute Berlin



# Speroni



**GEISTER®**





**REF 29-1000**  
Speroni™  
One for All Retractor,  
consisting of frame,  
I.M.A.-blade with screw,  
2 sternum blades and  
2 lateral thoracic blades

Spreading bar 270 mm  
Arms 180 mm  
I.M.A. and sternum blades  
40 x 100 mm  
Lateral blades 50 x 60 mm

Lateral Thoracic blades



Sternum blades



Accessories



For full listing of available accessories see  
catalog "Cardiovascular and Thoracic"

**REF 29-1005.IL**  
Mini I.M.A. blade, long  
**REF 29-1005.IM**  
Mini I.M.A. blade, short w/teeth

**REF 29-1005.TB**  
T-bar, turnable  
**REF 29-1500.FC**  
Fixation Clamp  
**REF 29-1005.MV**  
Mini-Thoracotomy blades





**REF 29-1485**  
Flexible Arm



**REF 29-1430V**  
Cooley Atrial Rake small  
**REF 29-1431V**  
Cooley Atrial Rake medium  
**REF 29-1432V**  
Cooley Atrial Rake large

**REF 29-1443V**  
Satoh II Suction Stabilizer Foot




**REF 29-1444V**  
Compact Suction Stabilizer Foot



**REF 29-1441V**  
Riess Stabilizer Foot