General Shoulder Instruments.
Retractors and spreaders for use in shoulder surgery.

Facilitate approach in shoulder surgery

Retract soft tissue for humeral head and glenoid exposure

Assist in preserving the soft tissue during surgery
General Shoulder Instruments
Retractors and spreaders for use in shoulder surgery

Deltoid retraction

- For retraction of the deltoid muscle to expose the proximal humerus.
- For subscapularis retraction to expose the anterior glenoid rim.

Delta retractor

- For superior retraction of the deltoid muscle. Levered against the acromion, the pointed tip slides under the deltoid to expose the subacromial space.

Delta retractor, pointed

- For stable deltoid retraction. The ring engages the greater tuberosity, minimizing distal slippage of the retractor.

Ring retractor, delta-shaped

Ring minimizes slippage

Pointed tip

Synthes General Shoulder Instruments
Humeral head exposure

- For posterior humeral retraction to release the anterior capsule, inferior capsule and the subscapularis, and to expose the axillary nerve. Distal angulation enlarges working space.

Ring retractor

Ring retractor, narrow

- For exposing the humeral head, i.e.: to obtain anterior dislocation of the humeral head.

Bone retractor, humeral head

Very distal angulation
**Glenoid exposure**

- For lateral retraction of the humeral head to gain access to the posterior capsule.
- For distal and posterior retraction of the humerus to gain access to the subacromial space.

*Teeth and ring opening for gripping*
Ring retractor, drop-shaped

– For orthogonal glenoid exposure. Slight distal angulation provides retraction of the humeral head. The drop shape makes more clearance for the reamer.

Ring retractor, drop-shaped, narrow

Delta retractor

Drop shape allows for additional reamer clearance (see image top left)

Slight distal angulation

Blunt tip
General Shoulder Instruments Set (01.401.007)

Graphic Case
60.401.006  Graphic Case for General Shoulder Instruments

Instruments

03.401.040  Delta Retractor, 2 ea.

03.401.041  Delta Retractor, pointed

03.401.042  Bone Retractor, humeral head

03.401.050  Ring Retractor

03.401.051  Ring Retractor, narrow
03.401.052  Ring Retractor, drop-shaped

03.401.053  Ring Retractor, drop-shaped, narrow

03.401.054  Ring Retractor, delta-shaped

03.401.060  Shoulder Spreader, left bend

03.401.061  Shoulder Spreader, right bend

Note: For additional information, please refer to package insert.

For detailed cleaning and sterilization instructions, please refer to http://us.synthes.com/Medical+Community/Cleaning+and+Sterilization.htm or to the below listed inserts, which will be included in the shipping container:
—Processing Synthes Reusable Medical Devices—Instruments, Instrument Trays and Graphic Cases—DJ1305
—Processing Non-sterile Synthes Implants—DJ1304