

Item Catalogue

NUPCO CODE: 4232171500300 | SN: 1228

NUPCO ITEM DESCRIPTION

INSTRUMENTATION SET, COMPLETE FOR RADIAL HEAD REPLACEMENT, WITH NECESSARY CASE AND IMPLANT TRAY

VENDOR PRODUCT DESCRIPTION

Anatomic radial head instrumentation and trials

SKU CODES INCLUDED FOR THIS NUPCO CODE

- TR-TGA06
- TR-TG02
- TR-TG01
- MS-T1212
- TR-MS30
- TR-MS03
- TR-CRA06
- TR-CRA07
- TR-CRA08
- TR-CRA09
- TR-CRA10
- TR-BRA06
- TR-BRA07
- TR-BRA08
- TR-BRA09
- TR-BRA10
- TR-0206
- AT2-SMCZ
- MS-3200
- TR-MS05
- WS-1106ST
- HT-1120
- AT2M-1813
- AT2M-L1813
- AT2-4500
- AT2-1509
- 80-0100
- HT-0915
- WS-0906ST
- AT2-3500

Instrument Overview



6.0 mm Stem Gauge Assembly
(TR-TGA06)



Height Gauge
(TR-TG02)



Trial Gauge
(TR-TG01)



Quick Release T-Handle
(MS-T1212)



Stem Removal Tool
(TR-MS30)



Impactor Base
(TR-MS03)



5.5 mm Quick Release Awl
(TR-0206)



Large Cannulated Quick Release Driver Handle
(MS-3200)



6 mm Broach Assembly
(TR-BRA06)



7 mm Broach Assembly
(TR-BRA07)



8 mm Broach Assembly
(TR-BRA08)



9 mm Broach Assembly
(TR-BRA09)



10 mm Broach Assembly
(TR-BRA10)



AT2 Screw Sizer
(AT2-SMCZ)



.035" x 5.75" ST Guide Wire
(WS-0906ST)



.035 Diameter, Parallel Wire Guide Assembly
(AT2-3500)

Instrument Overview [continued]



Head Impactor
(TR-MS05)



Micro Acutrak 2® Drill
(AT2-1509)



Micro Acutrak 2® Drill, Long
(80-0100)



1.5 mm Cannulated Quick Release Driver Tip
(HT-0915)



2.0 mm Cannulated Quick Release Driver Tip
(HT-1120)



Mini Acutrak 2® Drill
(AT2M-1813)



Mini Acutrak 2® Drill, Long
(AT2M-L1813)



.045 Diameter, Parallel Wire Guide Assembly
(AT2-4500)



.045" x 6" ST Guide Wire
(WS-1106ST)



6 mm Collar Reamer
(TR-CRA06)



7 mm Collar Reamer
(TR-CRA07)



8 mm Collar Reamer
(TR-CRA08)



9 mm Collar Reamer
(TR-CRA09)



10 mm Collar Reamer
(TR-CRA10)

Anatomic Radial Head System Surgical Technique [continued]

3 Determine Stem Diameter

Use the 5.5 mm Quick Release Awl (TR-0206) to initially enter the canal. Starting with the smallest Broach (6 mm, TR-BRA06), prepare the canal for the stem. Use sequentially larger broaches until a tight fit is achieved with the broach. Tap on the back end of the broach with a mallet. There is a groove on the broach just above the cutting flutes that indicates when to stop.

Note: The broaches are 0.5 mm undersized from the implants to ensure a tight press fit.

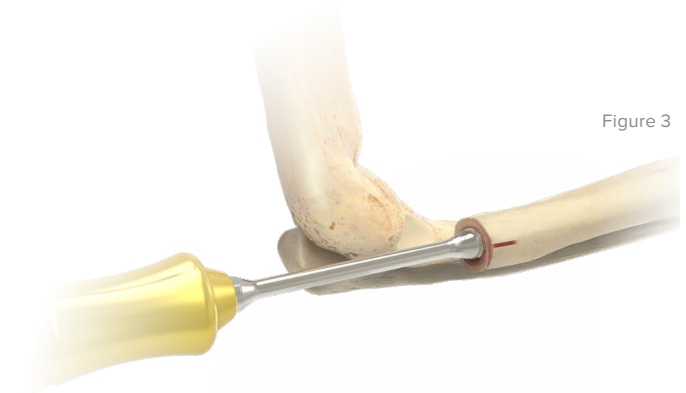


Figure 3

4 Ream with Collar Reamer

Select the Collar Reamer (TR-CRAXX) that matches the stem diameter determined by the broach in the previous step. Under power or by hand, ream to create a surface where at least 60% of the radial shaft is in contact with the reamer. To ream by hand, attach the collar reamer to the Quick Release T-Handle (MS-T1212). Do not over-ream the radial shaft; removing too much bone will prevent the radial head from articulating properly with the capitellum.

Caution: Avoid fracturing the radial collar, which can occur if the reamer catches on irregular bone in the fracture surface.

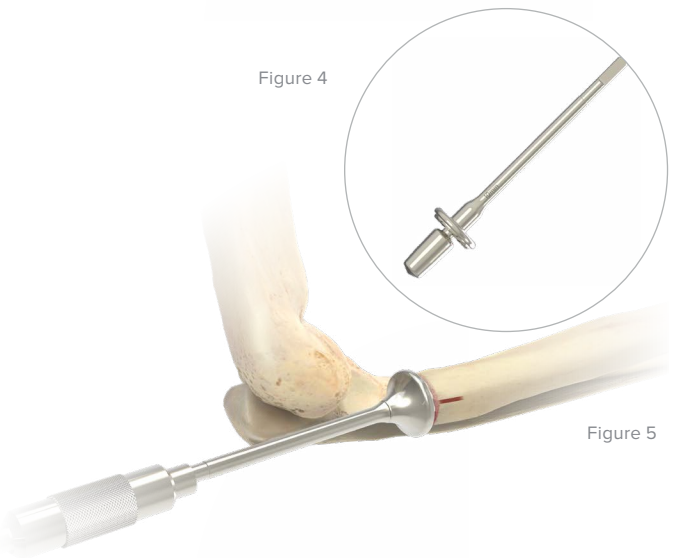


Figure 4

Figure 5

5 Determine Head Diameter

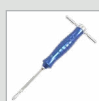
Determine the head diameter by placing the resected head into the sizing pockets on the Impactor Base (TR-MS03). If between sizes, select the smaller diameter.



Figure 6



5.5 mm Quick Release Awl
(TR-0206)



6 mm Broach
(TR-BRA06)



Collar Reamer
(TR-CRAXX)



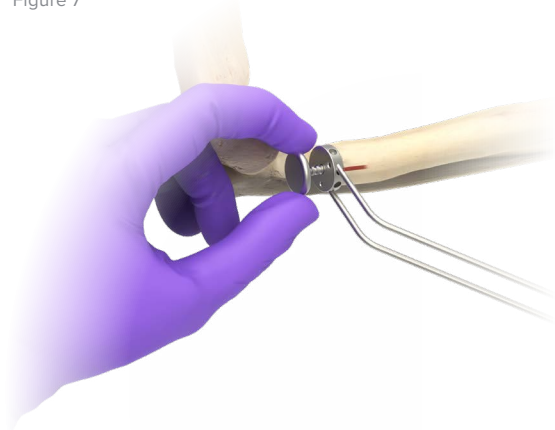
Quick Release T-Handle
(MS-T1212)



Impactor Base
(TR-MS03)

Anatomic Radial Head System Surgical Technique [continued]

Figure 7



6 Assemble Head and Stem Gauge

Assemble the Height Gauge (TR-TG02) and 6.0 mm Stem Gauge Assembly (TR-TGA06). The Height Gauge needs to be completely compressed.

Figure 8



7 Determine Collar Height

Insert the 6.0 mm Stem Gauge Assembly (TR-TGA06) into the bone canal. Starting with the +0 end of the Trial Gauge (TR-TG01), sequentially increase the height by inserting the end of the gauge under the head of the assembly, until the head reaches the capitellum. It is critical that the coronoid contacts the trochlea during this process. Separation of the coronoid from the trochlea is an indicator that the collar is too large. The number on the Trial Gauge (+0, 2, 4, 8 mm) will correspond to the collar height on the stem.

Warning: If between sizes, select the shorter height. Implantation of components that are too large may result in a joint that is "overstuffed."



Height Gauge
(TR-TG02)



6.0 mm Stem
Gauge Assembly
(TR-TGA06)



Trial Gauge
(TR-TG01)

Ordering Information

Tray Components

Instrumentation

1	6.0 Stem Gauge Assembly	TR-TGA06
2	Height Gauge	TR-TG02
3	Trial Gauge	TR-TG01
4	Quick Release T-Handle	MS-T1212
5	Stem Removal Tool	TR-MS30
6	Impactor Base	TR-MS03
7	6 mm Collar Reamer	TR-CRA06
8	7 mm Collar Reamer	TR-CRA07
9	8 mm Collar Reamer	TR-CRA08
10	9 mm Collar Reamer	TR-CRA09
11	10 mm Collar Reamer	TR-CRA10

Trial Head Implants

12	20 mm Trial Head, Left	TR-TH20L
13	20 mm Trial Head, Right	TR-TH20R
14	22 mm Trial Head, Left	TR-TH22L
15	22 mm Trial Head, Right	TR-TH22R
16	24 mm Trial Head, Left	TR-TH24L
17	24 mm Trial Head, Right	TR-TH24R
18	26 mm Trial Head, Left	TR-TH26L
19	26 mm Trial Head, Right	TR-TH26R
20	28 mm Trial Head, Left	TR-TH28L
21	28 mm Trial Head, Right	TR-TH28R

Trial Stem Implants

22	6 mm x 0 mm Trial Stem	TR-TS60
23	6 mm x 2 mm Trial Stem	TR-TS62
24	6 mm x 4 mm Trial Stem	TR-TS64
25	6 mm x 8 mm Trial Stem	TR-TS68
26	7 mm x 0 mm Trial Stem	TR-TS70
27	7 mm x 2 mm Trial Stem	TR-TS72
28	7 mm x 4 mm Trial Stem	TR-TS74
29	7 mm x 8 mm Trial Stem	TR-TS78
30	8 mm x 0 mm Trial Stem	TR-TS80
31	8 mm x 2 mm Trial Stem	TR-TS82
32	8 mm x 4 mm Trial Stem	TR-TS84
33	8 mm x 8 mm Trial Stem	TR-TS88
34	9 mm x 0 mm Trial Stem	TR-TS90
35	9 mm x 2 mm Trial Stem	TR-TS92
36	9 mm x 4 mm Trial Stem	TR-TS94
37	9 mm x 8 mm Trial Stem	TR-TS98
38	10 mm x 0 mm Trial Stem	TR-TS100
39	10 mm x 2 mm Trial Stem	TR-TS102
40	10 mm x 4 mm Trial Stem	TR-TS104
41	10 mm x 8 mm Trial Stem	TR-TS108

Ordering Information [continued]

Tray Components			
Instrumentation			
1	6 mm Broach Assembly	TR-BRA06	
2	5.5 mm Quick Release Awl	TR-0206	
3	10 mm Broach Assembly	TR-BRA10	
4	AT2 Screw Sizer	AT2-SMCZ	
5	Head Impactor	TR-MS05	
6	7 mm Broach Assembly	TR-BRA07	
7	8 mm Broach Assembly	TR-BRA08	
8	9 mm Broach Assembly	TR-BRA09	
9	Large Cannulated Quick Release Driver Handle	MS-3200	

Ordering Information [continued]

Tray Components

Instrumentation

1	.045" x 6" ST Guide Wire	WS-1106ST	6	Micro Acutrak 2 Drill	AT2-1509
2	2.0 mm Cannulated Quick Release Driver Tip	HT-1120	7	Micro Acutrak 2 Drill, Long	80-0100
3	Mini Acutrak 2® Drill	AT2M-1813	8	1.5 mm Cannulated Quick Release Driver Tip	HT-0915
4	Mini Acutrak 2 Drill, Long	AT2M-L1813	9	.035" x 5.75" ST Guide Wire	WS-0906ST
5	.045 Diameter, Parallel Wire Guide Assembly	AT2-4500	10	.035 Diameter, Parallel Wire Guide Assembly	AT2-3500