

stryker® Howmedica OSTEONICS

**UNITRAX**<sup>®</sup>  
UNIPOLAR SYSTEM



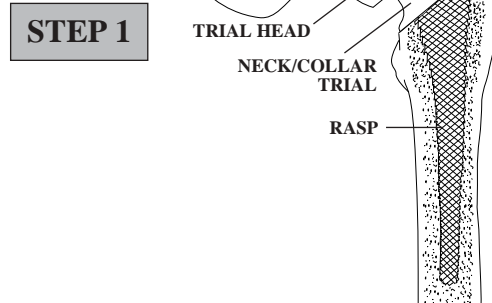
***SURGICAL TECHNIQUE***

# TECHNIQUE FOR UNITRAX<sup>®</sup> UNIPOLAR SYSTEM V-40<sup>™</sup> TAPER • C-TAPER • 2-52 TAPER

## STEP 1

### TRIAL REDUCTION

Assemble the trial heads onto the appropriate trial neck; then reduce into the acetabulum.



## STEP 2

EVALUATE TRIAL RANGE OF MOTION, STABILITY, AND LEG LENGTH

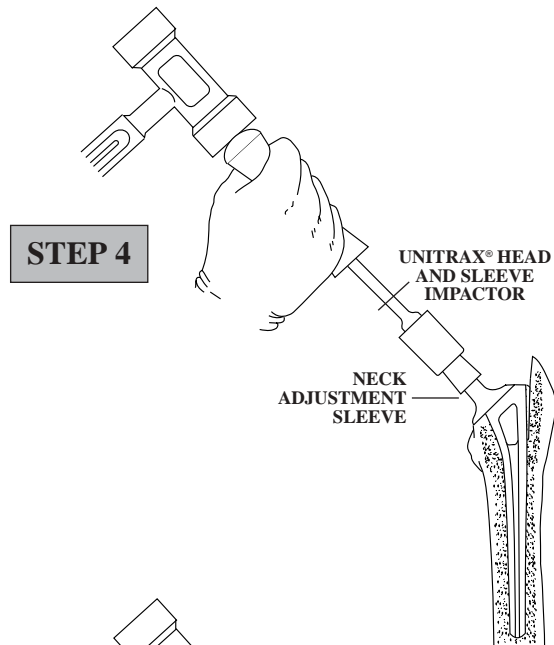
## STEP 3

REMOVE TRIAL HEAD & RASP

## STEP 4

### IMPACT MODULAR ADAPTOR SLEEVE

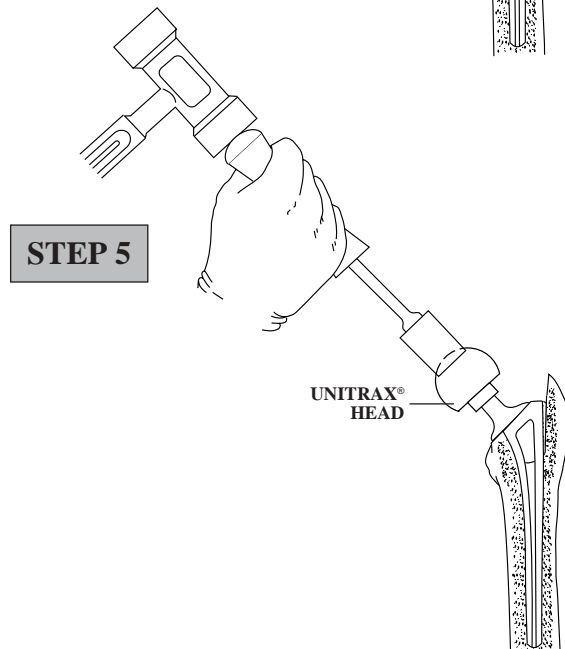
After stem implantation, impact modular adaptor sleeve (V-40<sup>™</sup>, C-Taper, or 2-52) onto implanted stem with two or three mallet blows to the Unitrax<sup>®</sup> head sleeve impactor.



## STEP 5

### IMPACT UNITRAX<sup>®</sup>/REDUCE FEMUR

Impact the Unitrax<sup>®</sup> head component onto the adaptor with two or three mallet blows.



## STEP 6

RECONFIRM RANGE OF MOTION, STABILITY, AND LEG LENGTH

# TECHNIQUE FOR UNITRAX® UNIPOLAR SYSTEM V-40™ TAPER • C-TAPER • 2-52 TAPER

## DISASSEMBLY

**A.** Slide one or both arms of the femoral head remover on the neck under the Unitrax® head and pry head off.

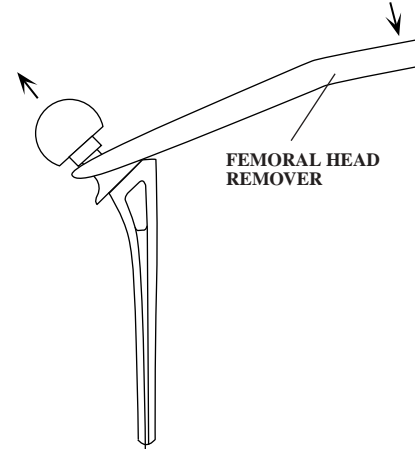
On short necks, a wedge shaped instrument may be used.

**B.** Remove neck adjustment sleeve from the head, using the Unitrax® sleeve removal tool.

**C.** Remove neck adjustment sleeve from the stem, using the Unitrax® sleeve/trunnion disassembly tool.

## DISASSEMBLY

**A**

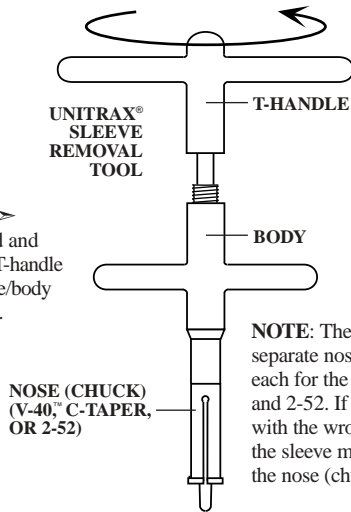


FEMORAL HEAD REMOVER

**B**

### Step 1 >

Unthread and remove T-handle from nose/body assembly.

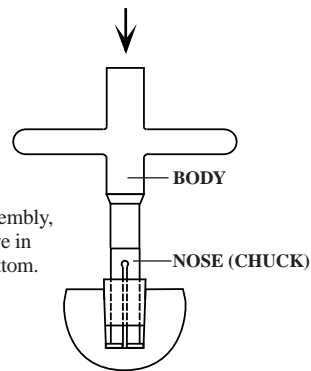


NOSE (CHUCK)  
(V-40™, C-TAPER,  
OR 2-52)

**NOTE:** There are three separate nose chucks one each for the V-40™, C-Taper and 2-52. If they are used with the wrong sleeve type, the sleeve may get stuck on the nose (chuck).

### Step 2 >

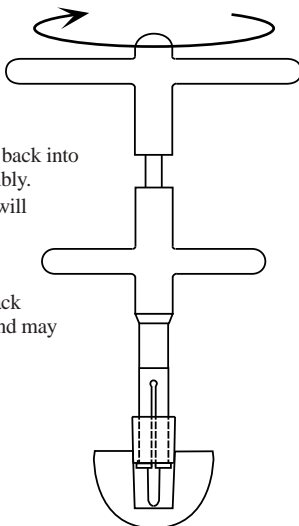
Push nose/body assembly, nose first, into sleeve in head until it hits bottom.



### Step 3 >

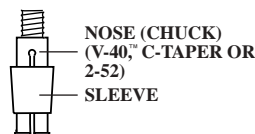
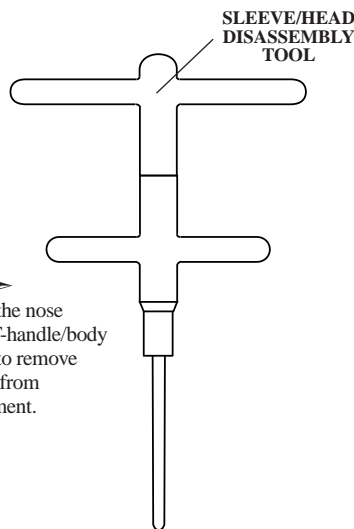
Thread T-handle back into nose/body assembly.

**NOTE:** A force will be required to break the taper lock. After this, the sleeve will back out of the head and may be removed.

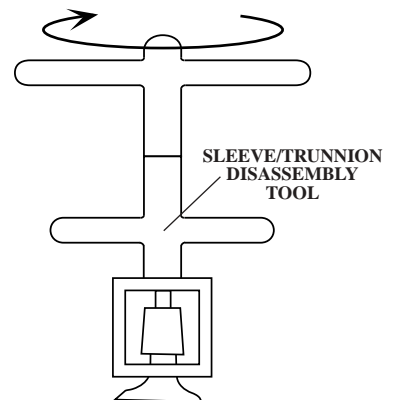


### Step 4 >

Unthread the nose from the T-handle/body assembly to remove the sleeve from the instrument.



**C**



**NOTE:** A force will be required to break the taper lock. After this, the sleeve will back out of the trunnion and may be removed.

# UNITRAX<sup>®</sup> UNIPOLAR SYSTEM COMPONENTS

## V-40<sup>™</sup> TAPER • C-TAPER • 2-52 TAPER

### INSTRUMENTS TRIAL HEADS

<u>UHR<sup>®</sup></u> <u>Catalog Number*</u>	<u>Centrax<sup>™</sup></u> <u>Catalog Number*</u>	<u>Outer Diameter</u>
1215-1038	6825-2-238	38mm
1215-1040	6825-2-240	40mm
1215-1041	6825-9-941	41mm
1215-1042	6825-9-942	42mm
1215-1043	6825-9-943	43mm
1215-1044	6825-9-944	44mm
1215-1045	6825-9-945	45mm
1215-1046	6825-9-946	46mm
1215-1047	6825-9-947	47mm
1215-1048	6825-9-948	48mm
1215-1049	6825-9-949	49mm
1215-1050	6825-9-950	50mm
1215-1051	6825-9-951	51mm
1215-1052	6825-9-952	52mm
1215-1053	6825-9-953	53mm
1215-1054	6825-9-954	54mm
1215-1055	6825-9-955	55mm
1215-1056	6825-9-956	56mm
1215-1058	6825-9-958	58mm
1215-1061	6825-9-961	61mm

\*Use either UHR<sup>®</sup> or Centrax<sup>™</sup>

### Disassembly Components

<u>Catalog Number</u>	<u>Product Description</u>
6842-6-120	Sleeve To Head Disassembly Tool
6842-6-105	V-40 Sleeve Removal Chuck (Nose) (for use with all Partnership Stem Trunnions)
6842-6-106	C-Taper Sleeve Removal Chuck (Nose) (for use with all C-Taper Stem Trunnions)
6842-6-107	2-52 Sleeve Removal Chuck (Nose) (for use with all PCA Stem Trunnions)
6842-6-125	Sleeve To Trunnion Disassembly Tool (Universal)
6059-9-505	Femoral Head Remover
6842-6-110	Unitrax <sup>®</sup> Head and Sleeve Impactor

# UNITRAX® UNIPOLAR SYSTEM COMPONENTS

## V-40™ TAPER • C-TAPER • 2-52 TAPER

### IMPLANTS

#### Neck Adjustment Sleeves

##### V-40™ Taper

6942-6-060	- 4mm
6942-6-065	+ 0mm (Standard)
6942-6-070	+ 4mm
6942-6-075	+ 8mm
6942-6-080	+ 12mm

##### C-Taper

6942-7-065	+ 0mm (Standard)
6942-7-075	+ 5mm
6942-7-085	+ 10mm

##### 2-52 Taper

6942-6-010	+ 0mm (Standard)
6942-6-020	+ 5mm
6942-6-030	+ 10mm
6942-6-050	- 4mm

#### Unitrax® Unipolar Heads

<u>Catalog Number</u>	<u>Outer Diameter</u>
6942-5-038	38mm
6942-5-040	40mm
6942-5-041	41mm
6942-5-042	42mm
6942-5-043	43mm
6942-5-044	44mm
6942-5-045	45mm
6942-5-046	46mm
6942-5-047	47mm
6942-5-048	48mm
6942-5-049	49mm
6942-5-050	50mm
6942-5-051	51mm
6942-5-052	52mm
6942-5-053	53mm
6942-5-054	54mm
6942-5-055	55mm
6942-5-056	56mm
6942-5-058	58mm
6942-5-061	61mm

### INSTRUMENTS

#### NECK ADJUSTMENT TRIAL SLEEVES

##### UHR® Instruments

###### C-Taper Neck Extensions

1214-6000	+ 0mm (Standard)
1214-6005	+5mm
1214-6010	+10mm

###### V-40™ Neck Extensions

1214-7000	+ 0mm (Standard)
1214-7004	+4mm
1214-7008	+8mm
1214-7012	+12mm

##### Centrax™ Instruments

###### C-Taper Trial Sleeves

6842-6-360	-3mm
6842-6-365	+ 0mm (Standard)
6842-6-370	+5mm
6842-6-375	+10mm

###### V-40 Trial Sleeves

6842-6-260	-4mm
6842-6-265	+ 0mm (Standard)
6842-6-270	+4mm
6842-6-275	+8mm
6842-6-280	+12mm

###### 2-52 Trial Sleeves

6842-6-250	-4mm
6842-6-210	+ 0mm (Standard)
6842-6-220	+5mm
6842-6-230	+10mm

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