

WHERE THERE ARE SPECIFIC INSTANCES

OF NON-CONCENTRIC HUMERAL HEAD

AND SHAFT ALIGNMENT IN A SMALL

SEGMENT OF THE POPULATION, A

MODULAR HEAD IS AVAILABLE TO MORE

ANATOMICALLY RE-CREATE THE PROXIMAL

HUMERUS. THE BIO-MODULAR® OFFSET

HUMERAL HEAD ALLOWS THE SURGEON

TO DIAL IN THE DIRECTION OF OFFSET

NECESSARY FOR THESE PATIENTS. THIS

OPTION CAN BE USED TO BETTER COVER

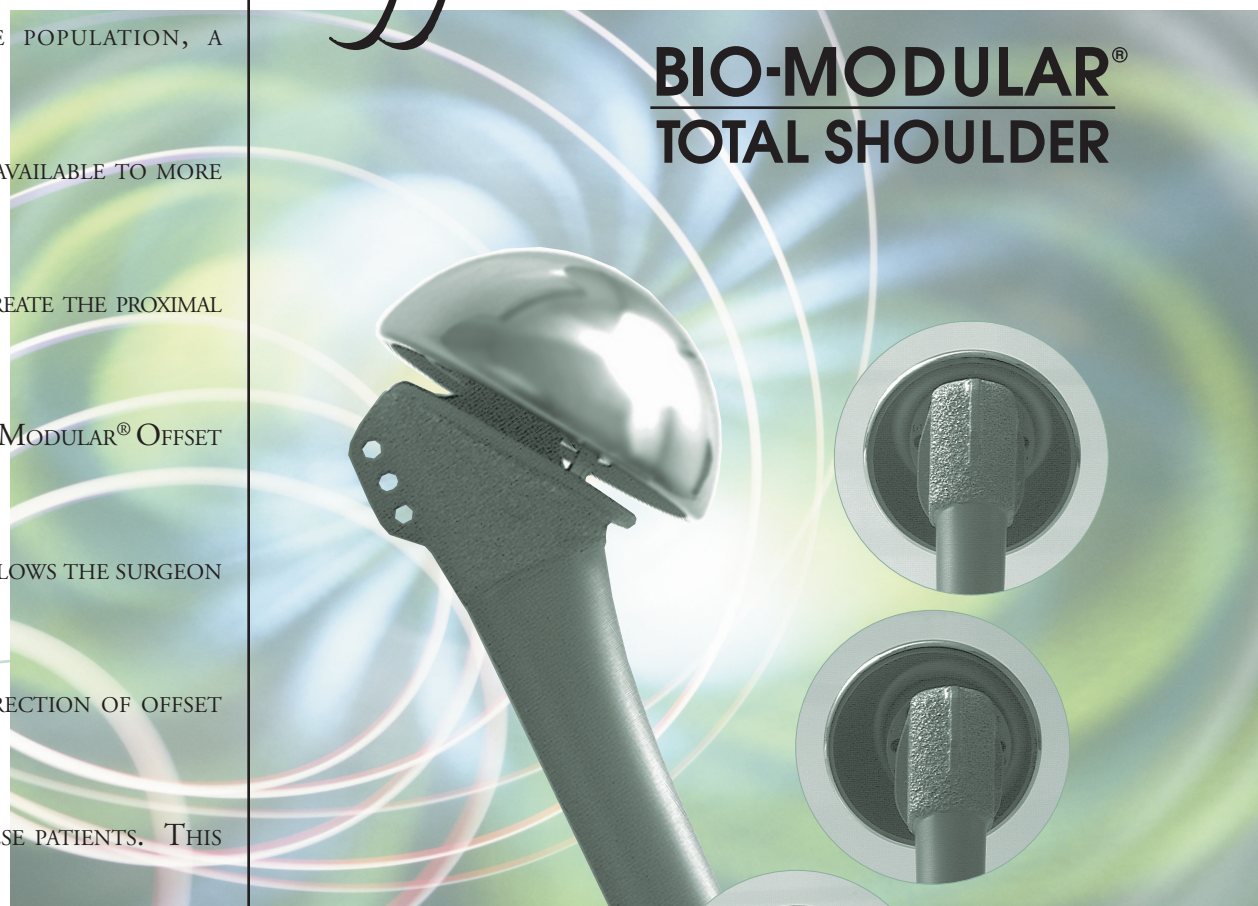
THE HUMERAL RESECTED HEAD SURFACE

AND ASSIST IN MATCHING THE IMPLANT

TO THE PATIENT'S ANATOMY.

Offset Head

BIO-MODULAR® TOTAL SHOULDER



BIOMET INC

Instructions

Order Information

Implant Number	Bio-Modular® Offset Head 4mm	Trial Number
113921	44 x 17mm	406721
113922	44 x 22mm	406722
113923	44 x 27mm	406723
113924	48 x 19mm	406724
113925	48 x 24mm	406725
113926	48 x 27mm	406726
113927	54 x 22mm	406727
113928	54 x 24mm	406728
113929	54 x 27mm	406729

Additional Instrumentation

3.0mm Hex T-Wrench
406600

Bio-Modular® Offset Head Trial Alignment Pin
406718

The Bio-Modular® Offset Head was designed in conjunction with Russell F. Warren, M.D. at the Hospital for Special Surgery, New York, New York; and David M. Dines, M.D., at the Hospital for Special Surgery, New York, New York, and Long Island Jewish Medical Center, New Hyde Park, New York.

This brochure is presented to demonstrate the surgical technique utilized by Russell F. Warren, M.D. and David M. Dines, M.D. Biomet, as the manufacturer of this device, does not practice medicine and does not recommend this or any other surgical technique for use on a specific patient. The surgeon who performs any implant procedure is responsible for determining and utilizing the appropriate techniques for implanting the prosthesis in each individual patient. Biomet is not responsible for selection of the appropriate surgical technique to be utilized on an individual patient.

Bio-Modular® is a registered trademark of Biomet, Inc.

BIOMET
INC

P.O. Box 587, Warsaw, IN 46581-0587 • 219.267.6639
©2000 Biomet, Inc. All Rights Reserved
web site: <http://www.biomet.com> • eMail: biomet@biomet.com
Form No. Y-BMT-648/022900/K

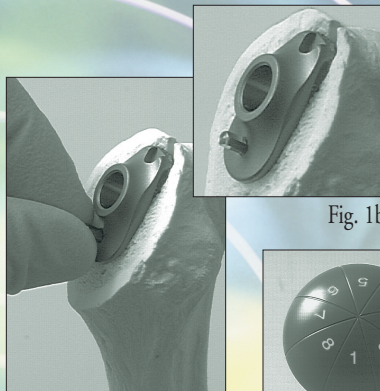


Fig. 1b

Fig. 1a

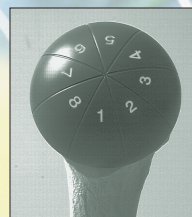


Fig. 2



Fig. 3

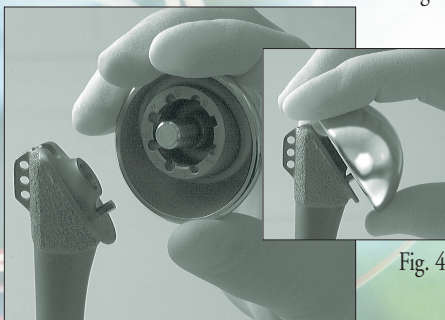


Fig. 4b

Fig. 4a



Fig. 5

This technique is to be utilized with The Bio-Modular® Total Shoulder System Brochure/Technique (Y-BMT-260R). This technique is to be utilized for insertion of the Bio-Modular® Offset Humeral Head.

1. Insert stem implant using standard procedure.
2. Finger-tighten gold-colored trial alignment pin into the threaded alignment hole on collar (Figs. 1a and 1b).
3. Determine orientation of head (noting proper bone coverage and soft tissue tensioning) to stem based on position numbers 1-8 and during trial reduction (Fig. 2).
4. Remove trial head and gold-colored alignment pin.
5. Acquire implant pin (packaged with offset head implant), insert it into alignment hole and tighten with 3.0mm hex T-wrench (Fig. 3).
6. Gently place head on stem, matching trialed orientation (can use thumb to reference as shown) (Figs. 4a and 4b).
7. Impact head onto stem and continue with procedure (Fig. 5).