



Zimmer®
Coonrad/Morrey
Total Elbow

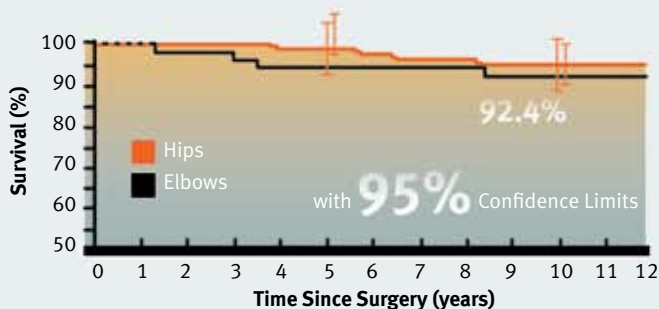


Interchangeability, Anterior Flange, Clinical History



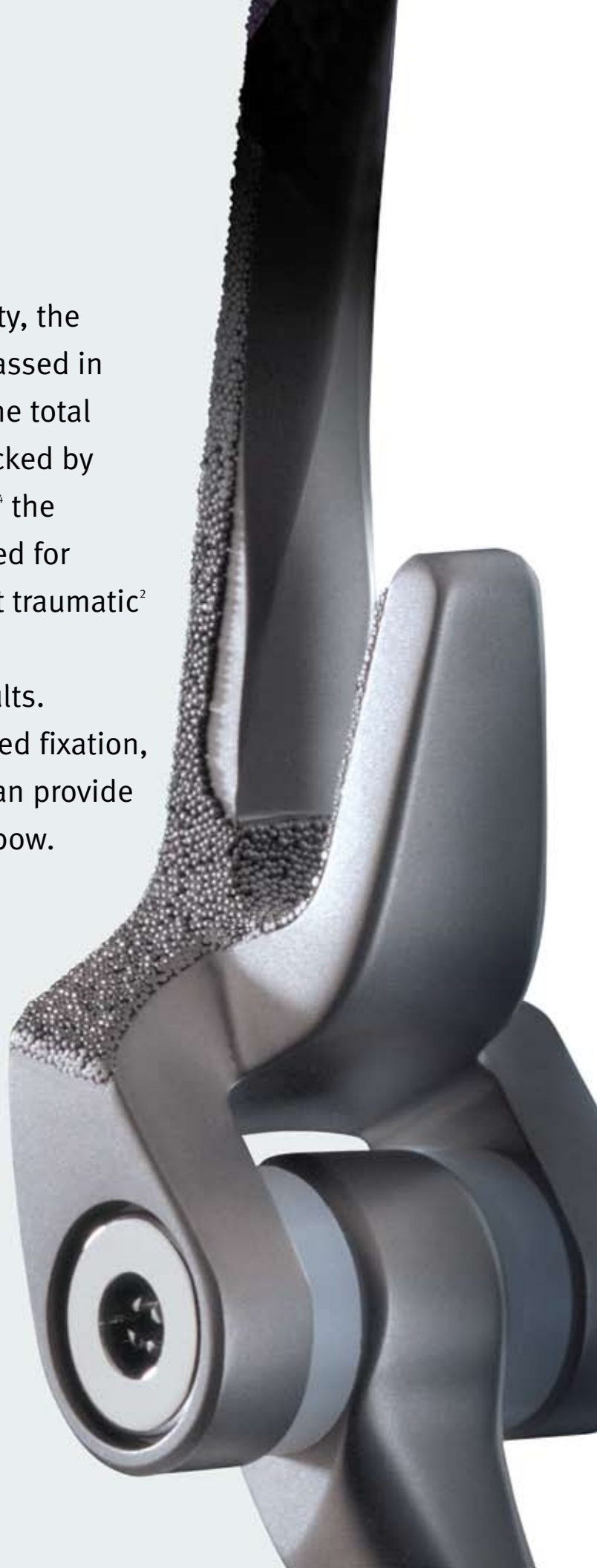
The World's Number One Selling Total Elbow¹

For complete patient matching flexibility, the Coonrad/Morrey Total Elbow is unsurpassed in interchangeability and design and is the total elbow of choice for its ease of use. Backed by more than 24 years of clinical history,^{2,4} the Coonrad/Morrey Total Elbow is indicated for primary and revision intervention, post traumatic² and rheumatoid arthritis,^{3,6} and trauma reconstruction.^{4,5} The bottom line—results. That's what ease-of-operation, enhanced fixation, and simple, precise instrumentation can provide . . . that's the Coonrad/Morrey Total Elbow.



Clinical Success

In joint replacement surgery, total hip surgery offers a standard for clinical success. In comparison the Coonrad/Morrey Total Elbow has performed equally or better^{2,3} and is backed by more than 24 years of clinical history.^{2,4}





Trauma Reconstruction

The longer flange option addresses clinical situations involving distal/humeral bone loss without compromising elbow joint performance



Complete Interchangeability

Twelve Humeral Stems – 4”, 6”, and 8” lengths in extra-small, small, and regular sizes

Twelve Ulnar Stems – regular and long lengths in extra-small, small, and regular sizes

Provides comprehensive patient matching and interoperative flexibility

Two-piece locking pin simply snaps together and provides accuracy and efficiency

Easy disassembly of the locking pin enhances interchangeability in revision cases



1
Triangular to match canal landscape maximizing stability by minimizing rotation

2
Proximal humeral flange permits insertion of bone graft anteriorly to enhance thickening of bone stock where maximum stress occurs, reducing posterior displacement and torsional forces and helping protect bone/cement/implant interface

3
Titanium® Ti-6Al-4V Alloy for durable, lightweight construction

4
Zimmer Poly Bushings, with ultra-high molecular weight polyethylene, prevents metal-to-metal contact

5
Plasma spray coating provides enhanced cement fixation; implant intended to be used with bone cement for both immediate and long-term fixation

6
Quadrangular to match canal landscape, to help minimize intramedullary rotation in the ulna

Implants

Humeral Implants

| Prod. No. | Description |
|----------------|---|
| 32-8105-025-04 | Humeral Component, 4", Small |
| 32-8105-025-06 | Humeral Component, 6", Small |
| 32-8105-025-08 | Humeral Component, 8", Small |
| 32-8105-026-04 | Humeral Component, 4", Regular |
| 32-8105-026-06 | Humeral Component, 6", Regular |
| 32-8105-026-08 | Humeral Component, 8", Regular |
| 32-8105-027-04 | Humeral Component, 4", Extra-Small |
| 32-8105-027-06 | Humeral Component, 6", Extra-Small |
| 32-8105-035-06 | Humeral Component, Long Flange, 6", Small |
| 32-8105-035-08 | Humeral Component, Long Flange, 8", Small |
| 32-8105-036-06 | Humeral Component, Long Flange, 6", Regular |
| 32-8105-036-08 | Humeral Component, Long Flange, 8", Regular |

Note: Locking pin is packaged with the humeral component.

Ulnar Implants

| Prod. No. | Description |
|----------------|---|
| 32-8105-053-01 | Ulna Component, Plasma, Small, Left |
| 32-8105-053-02 | Ulna Component, Plasma, Small, Right |
| 32-8105-063-01 | Ulna Component, Plasma, Regular, Left |
| 32-8105-063-02 | Ulna Component, Plasma, Regular, Right |
| 32-8105-073-01 | Ulna Component, Plasma Long, Small, Left |
| 32-8105-073-02 | Ulna Component, Plasma Long, Small, Right |
| 32-8105-083-01 | Ulna Component, Plasma Long, Regular, Left |
| 32-8105-083-02 | Ulna Component, Plasma Long, Regular, Right |
| 32-8105-093-01 | Ulna Component, Plasma Long, Extra-Small, Left |
| 32-8105-093-02 | Ulna Component, Plasma Long, Extra-Small, Right |
| 32-8105-043-01 | Ulna Component, Plasma, 3-Inch Extra-Small, Left |
| 32-8105-043-02 | Ulna Component, Plasma, 3-Inch Extra-Small, Right |

Replacement Kits* for Interchangeable System

| Prod. No. | Description |
|----------------|---|
| 32-8105-025-01 | Pin/Bushing Replacement Kit Small/Regular |
| 32-8105-027-01 | Pin/Bushing Replacement Kit Extra-Small |

Revision Old/New Interchange Kits*

| Prod. No. | Description |
|----------------|---|
| 32-8105-029-00 | Old Regular Humeral/New Ulna Revision Kit |
| 32-8105-030-00 | Old Regular Ulna/New Humeral Revision Kit |

Current Replacement/Revision Kits*

| Prod. No. | Description |
|----------------|--|
| 32-8106-000-12 | Old Small Bushing Replacement/Revision Kit |
| 32-8106-000-13 | Old Regular Bushing Replacement/Revision Kit |

* Consult Revision/Replacement Matrix 97-8106-004-00 for proper kit.

Provisionals

Humeral Provisionals

| Prod. No. | Description |
|----------------|-----------------------------------|
| 31-8105-025-04 | Humeral, 4", Small |
| 31-8105-025-06 | Humeral, 6", Small |
| 31-8105-025-08 | Humeral, 8", Small |
| 31-8105-026-04 | Humeral, 4", Regular |
| 31-8105-026-06 | Humeral, 6", Regular |
| 31-8105-026-08 | Humeral, 8", Regular |
| 31-8105-027-04 | Humeral, 4", Extra-Small |
| 31-8105-027-06 | Humeral, 6", Extra-Small |
| 31-8105-035-06 | Humeral, 6", Long Flange, Small |
| 31-8105-035-08 | Humeral, 8", Long Flange, Small |
| 31-8105-036-06 | Humeral, 6", Long Flange, Regular |
| 31-8105-036-08 | Humeral, 8", Long Flange, Regular |

Ulnar Provisionals

| Prod. No. | Description |
|----------------|---------------------------------|
| 31-8105-053-01 | Ulna, Small, Left |
| 31-8105-053-02 | Ulna, Small, Right |
| 31-8105-063-01 | Ulna, Regular, Left |
| 31-8105-063-02 | Ulna, Regular, Right |
| 31-8105-073-01 | Ulna, Long, Small, Left |
| 31-8105-073-02 | Ulna, Long, Small, Right |
| 31-8105-083-01 | Ulna, Long, Regular, Left |
| 31-8105-083-02 | Ulna, Long, Regular, Right |
| 31-8105-093-01 | Ulna, Long, Extra-Small, Left |
| 31-8105-093-02 | Ulna, Long, Extra-Small, Right |
| 31-8105-043-01 | Ulna, 3-Inch Extra-Small, Left |
| 31-8105-043-02 | Ulna, 3-Inch Extra-Small, Right |

1. Data on file with Data Monitor, New York, NY 10016-5802 U.S.A.
2. Morrey BF, Adams RA, Bryan RS. Total replacement for post-traumatic arthritis of the elbow. *J Bone Joint Surg (Br)*. 1991;73-B(4):607-612.
3. Morrey BF, Adams RA. Semiconstrained arthroplasty for the treatment of rheumatoid arthritis of the elbow. *J Bone Joint Surg*. 1992;74-A(4):479-490.
4. Morrey BF, Adams RA. Semiconstrained elbow replacement for distal humeral nonunion. *J Bone Joint Surg (Br)*. 1995;77-B:67-72.
5. O'Driscoll SW. Prosthetic elbow replacement for distal humeral fractures and nonunions. *Op Tech in Orthop*. 1994;4(1):54-57.
6. Gill DR, Morrey BF. The Coonrad/Morrey total elbow arthroplasty in patients who have rheumatoid arthritis. *J Bone Joint Surg*. 1998;89(9):1327-1335.

Instruments

| Prod. No. | Description |
|----------------|-------------------------------------|
| 31-8106-027-00 | Humeral Guide, Extra-Small |
| 31-8106-040-00 | Hinge Pin Removal Tool |
| 31-8106-051-00 | Humeral Yolk Gauge |
| 31-8106-052-00 | Elbow Extractor |
| 31-8106-053-01 | Ulnar Rasp, Small, Left |
| 31-8106-053-02 | Ulnar Rasp, Small, Right |
| 31-8106-063-01 | Ulnar Rasp, Regular, Left |
| 31-8106-063-02 | Ulnar Rasp, Regular, Right |
| 31-8106-065-00 | Humeral Rasp, Regular |
| 31-8106-066-00 | Humeral Rasp, Small |
| 31-8106-067-00 | Starter Ulnar Rasp, Small, Left |
| 31-8106-068-00 | Starter Ulnar Rasp, Small, Right |
| 31-8106-069-00 | Pilot Ulnar Rasp |
| 31-8106-070-00 | Elbow Impactor |
| 31-8106-076-00 | Humeral Rasp, 4", Small |
| 31-8106-077-00 | Humeral Rasp, 4", Regular |
| 31-8106-078-00 | Humeral Starter Rasp |
| 31-8106-079-00 | Humeral Starter Rasp, 4" |
| 31-8106-080-00 | T-Handle |
| 31-8106-081-00 | Humeral Alignment Guide |
| 31-8106-095-00 | Humeral Cutting Guide Small/Regular |
| 31-8106-167-00 | Starter Awl, 2mm diameter |
| 31-8106-168-00 | Starter Awl, 3mm diameter |
| 31-8106-169-00 | Starter Awl, 5mm diameter |
| 00-6601-036-00 | Awl Reamer |
| 00-8106-090-00 | Elbow Instrument Case |

SETS

| Prod. No. | Description |
|----------------|--------------------------------------|
| 31-8106-000-01 | Coonrad/Morrey Instrument Set & Case |
| 31-8106-000-02 | Long Ulnar Provisional Set |
| 31-8106-000-03 | Long Flange Provisional Set |
| 31-8106-000-04 | Extra-Small Humeral Instrument Set |
| 31-8106-000-06 | Extra-Small Ulna Provisional Set |
| 31-8106-000-07 | Revision Instruments |
| 32-8105-000-00 | Standard Implant Set |
| 32-8105-000-02 | Long Ulnar Implant Set |
| 32-8105-000-03 | Long Flange Humeral Implant Set |
| 32-8105-000-04 | Extra-Small Humeral Implant Set |
| 32-8105-000-05 | Bushing Replacement Kit |
| 32-8105-000-06 | Extra-Small Ulna Implant Kit Set |



Contact your Zimmer representative or visit us at www.zimmer.com

