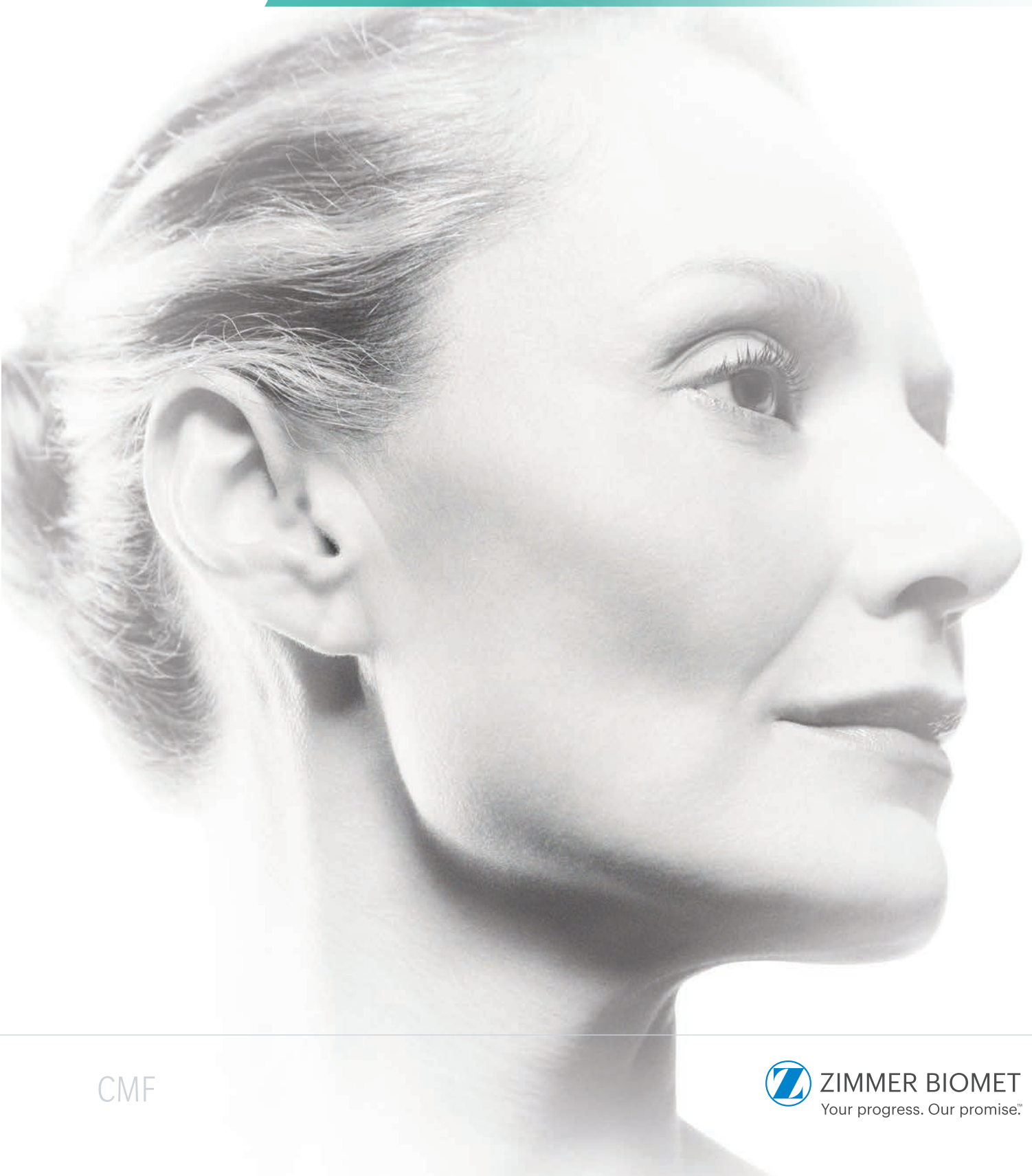


ArthroSimplicity

Arthrocentesis Simplified



CMF



ZIMMER BIOMET
Your progress. Our promise.™

ArthroSimplicity

Convenience. Simplicity. One Box.

The ArthroSimplicity Procedure Kit is a convenient, all-inclusive kit that alleviates the burden of piecing together each of the items necessary for a TMJ arthrocentesis procedure.

Benefits Include

- Eliminates inconvenience of having to collect each item
- One item to stock versus multiple individually packaged items
- Disposable, easy clean up
- Convenient, one box solution

Arthrocentesis Description

Lavage of the upper joint space through TMJ arthrocentesis forces apart the flexible disc from the fossa, washes away degraded particles and inflammatory components, and decreases the intra-articular pressure whenever the joint is inflamed. TMJ arthrocentesis is an important step in TMJ treatment and is a prerequisite for most TMJ surgical interventions.



Arthrocentesis Procedure Guidelines

1. The preauricular area and ear canal are prepped with alcohol or betadine solution.
2. An auriculotemporal nerve block is performed followed by infiltration over the temporomandibular joint.
3. The temporomandibular joint is palpated at rest and during movement to identify the fossa and eminence. The fossa puncture point is located 1cm anterior to the midtragus and 2mm below the tragal-canthus line.
4. An 18g needle is placed into the upper joint space (UJS) at the fossa puncture point. The needle is directed at the fossa in a 45 degree angle from posterior to superior. Confirmation of entry into the UJS is determined by observing movement of the mandible during injection of fluid.
5. A second 18g needle is placed into the UJS about 5mm in front of the first needle. Confirmation of entry into the UJS is obtained by observing outflow of fluid through the previously placed needle.
6. The UJS is irrigated with 100cc Lactated Ringers solution. The outflow needle is periodically occluded to gently distend the UJS. Care should be taken to observe that the outflow is continuous and that extravasation of fluid into the soft tissue is not occurring.
7. The medication is then injected into the UJS. As soon as the medication starts to flow out of the anterior needle, the anterior needle is removed and the remainder of the medication is injected.
8. The needles are removed and the joint is examined under anesthesia for range of movement and the presence of clicking, crepitus or mechanical interferences.
9. Pressure is placed over the joint for about five minutes.
10. The patient is encouraged to open their jaw and move it from side to side as much as possible.

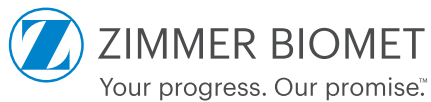
24-4050 ArthroSimplicity Kit*

QTY	DESCRIPTION
1 ea	6" Disposable Ruler
1 ea	16 oz Utility Bowl
5 ea	18gx1.5" Needle
2 ea	5cc L/L Syringe
2ea	60cc L/L Syringe
4 ea	OR Towels and Towel Clamps
10 ea	Gauze 4"x4" 8- Ply
1 ea	LG Cotton Ball
1 ea	Betadine® Solution Swabstick (3/pk)
1 ea	33" Extension Tubing
2 ea	Facial Drape w/catch basin

Other TMJ Solutions Available

- OnPoint® Scope System 1.2mm Diagnostic TMJ Scope System
- Total Joint Replacement System
- Lorenz® Surgical TMJ Instrument Set

*All items in the chart are included in the ArthroSimplicity Kit



For more information on Arthrocentesis and other CMF solutions, please contact us at:

BIOMET MICROFIXATION GLOBAL HEADQUARTERS

1520 Tradeport Drive • Jacksonville, FL 32218-2480

Tel 904.741.4400 • Toll-Free 800.874.7711 • Fax 904.741.4500 • Order Fax 904.741.3059

www.zimmerbiomet.com

EUROPE

Toermalijnring 600 • 3316 LC Dordrecht • The Netherlands

Tel +31 78 629 29 10 • Fax +31 78 629 29 12

All content herein is protected by copyright, trademarks and other intellectual property rights owned by or licensed to Zimmer Biomet, Inc. or its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Zimmer Biomet. This material is intended for healthcare professionals and the Zimmer Biomet sales force. Distribution to any other recipient is prohibited. Zimmer Biomet does not practice medicine. Because this information does not purport to constitute any diagnostic or therapeutic statement with regard to any individual medical case, each patient must be examined and advised individually, and this information does not replace the need for such examination and/or advice in whole or in part. Each physician should exercise his or her own independent judgment in the diagnosis and treatment of an individual patient. Check for country product clearances and reference product-specific instructions for use. For complete product information, including indications, contraindications, warnings, precautions and potential adverse effects, see the package insert or www.zimmerbiomet.com.