

# OnPoint™

## 1.2mm Scope System



CMF



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The OnPoint™ 1.2 mm Scope System is an innovative breakthrough that provides minimally invasive visualization of the temporomandibular joint in the comfort and convenience of an office-based setting.

The OnPoint system has been designed to provide visualization for minimally invasive diagnostic and operative procedures. The TMJ arthroscope is a small, tube-like camera that projects the image of the joint onto a monitor, allowing the surgeon to view the inside the joint without making any large incisions. The OnPoint system can be used in addition to a MRI scan, or alone for the surgeon to determine the next plan of action for each patient. The OnPoint system allows the surgeon to view the inside of the temporomandibular joint in their office instead of having to perform exploratory surgery in the operating room. With a scope diameter no larger than an 18 gauge needle, this state-of-the-art imaging system allows for an accurate and less invasive procedure.

### **The OnPoint™ System Utilizes:**

- System hardware, software, and hand-piece
- Disposable scope
- Disposable Instrumentation: cannula, trocar, obturator, and cannula plug
- Procedure Kit including sterile supply items needed for the procedure

## Product Overview

### Scope Hand-Piece

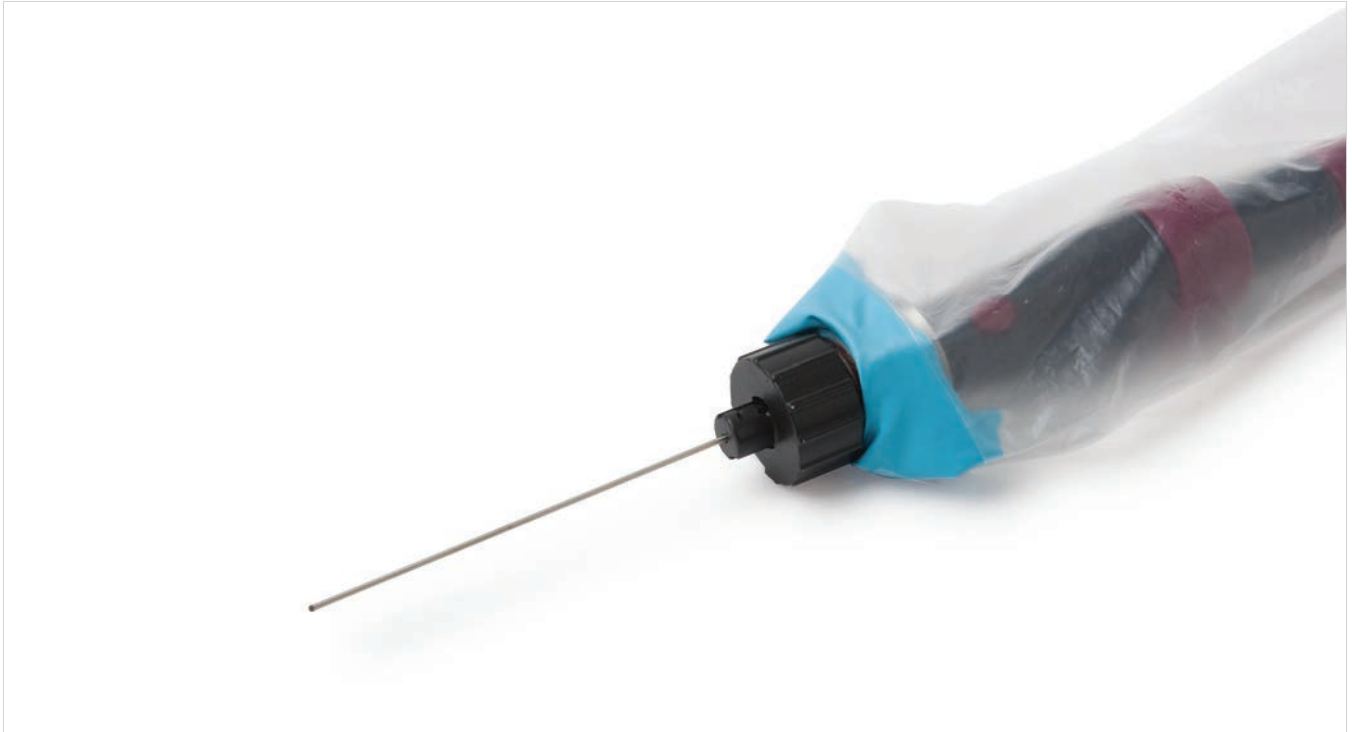
The OnPoint™ 1.2mm Scope System incorporates a camera and a light source into the ergonomic hand-piece. One cable is needed to connect the hand-piece to the main unit, eliminating separate camera and light cords. The button on the hand-piece allows still image capture and video recording. To capture a picture, press the button once. To begin recording video, hold the button down for more than 2 seconds and push the button again once you have finished recording.

### 1.2mm Disposable Scope

The disposable, fiber-optic scope is approximately the size of an 18-gauge needle and is sterile packaged for single use. The scope snaps onto the hand-piece and features an integrated sterile hand-piece drape.

### Disposable Instruments

A set of disposable instruments are included with the disposable scope. Instruments included are a sterile single-use cannula, trocar, obturator, and cannula plug. The instrument components are designed with a molded plastic body and stainless steel sheath providing rigidity. The cannula has an outside diameter of 1.9mm and a luer port on its body to allow irrigation. The plug can be used to seal the scope port on the cannula for intra-articular injection.



## System Features

The OnPoint™ 1.2mm Scope System offers the next generation of innovative technology that combines the function of an arthroscopy tower with the convenience of a laptop sized unit. OnPoint system has the capability to capture still images, full-resolution video, and audio-tagged footage. The OnPoint system combines several essential surgical features into a single compact and portable package:

### Xenon Fiber Optic Light Source

A proprietary xenon arc lamp incorporates an enhanced reflector, and delivers near 175-watt illumination performance for outstanding image quality.

### Integrated Video Display with Multiple Outputs

The OnPoint high-resolution 6.4" LCD monitor combines the performance of the Xenon Fiber Optic Light Source and High Resolution Camera System to deliver a brilliant, high-resolution video image for clear detail recognition. Multiple output options on the OnPoint unit allow you to connect larger external image monitors, video printers and video recording devices.

### High-Resolution Camera System

The OnPoint camera is a high-resolution 480-line digital camera. A proprietary single cable design eliminates the complexity and cost of the old dual cable system approach.

### Media Storage and Efficient Data Transfer

Using the universal CompactFlash® media format, MediaCapture USB enables users to quickly and conveniently document their procedures. User can connect directly to a computer via USB and use the OnPoint system to browse captured media, or capture still images and video directly to your practice management software running on Windows 2000 or Windows XP.



Optic Light Source



Camera System and Scope



Data Transfer



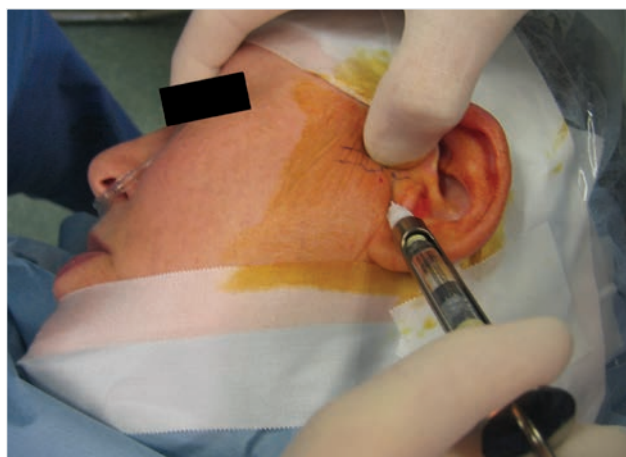
## Suggested Procedural Setup



**Step 1.** Open procedure kit.



**Step 2.** Drape and prepare patient.

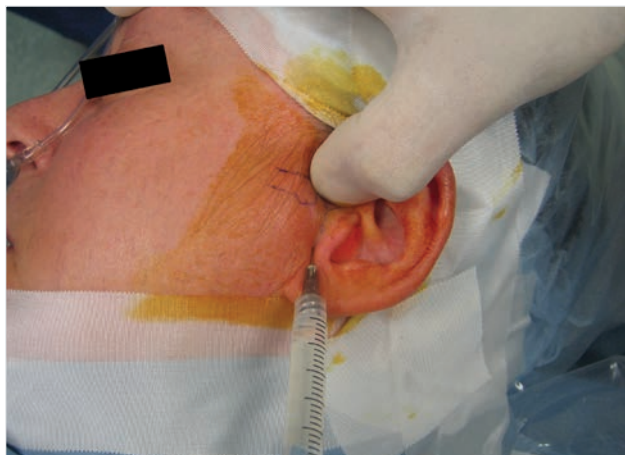


**Step 3.** Inject local anesthetic into the planned puncture point.



**Step 4.** Open scope and sterile instruments.





**Step 5.** Insufflate the joint space.



**Step 6.** Place the 1.2mm scope and perform diagnostic arthroscopy. Once the physician makes a diagnosis, the scope and cannula may be removed.



**Step 7.** Once the procedure is finished, the physician determines the next course of action for the patient.

## Physician Benefits

The OnPoint™ 1.2mm Scope System provides visualization and illumination which allows physicians to perform medical imaging and diagnostic services to bring a “value-added” element to their practices by setting the surgeon apart from others in the specialty.

### Micro-Invasive

- The scope has an outside diameter of 1.2mm (~18 gauge needle)
- Only a single portal with a small puncture point is required for the procedure

### Cutting Edge Technology

- All digital imaging platform
- Direct, enhanced visualization of pathology
- Video and audio capture capabilities

### Active Diagnostic Tool in the Hands of the Physician

- Can be used to clarify what is seen on an MRI
- Provides visualization of the TMJ
- Disposable instruments provide introduction of fluid into the joint during visualization

### Determine Course of Action During Patient’s Consultation

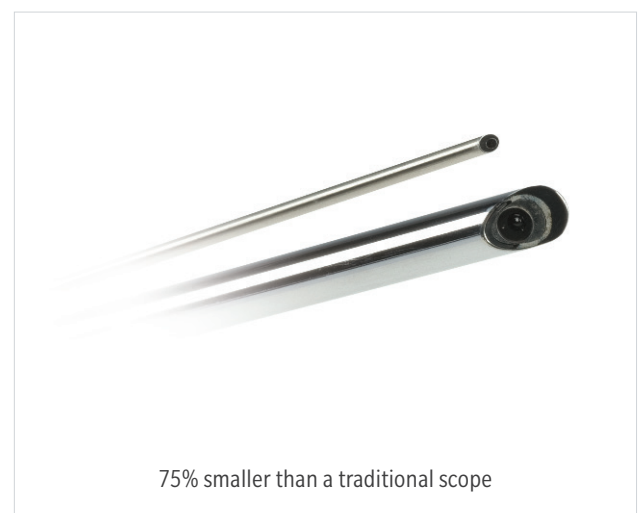
- Provides immediate intra-articular visualization
- Visualization provides more information than a blind lysis and lavage

### Patient Benefits

- Immediate results
- Only a local anesthetic is required
- Convenience - patient can be seen in the physician’s office
- Surgeon and patient are able to directly visualize the joint together and discuss possible treatment
- Pictures or models are used to confirm and understand what is seen
- Patient can be provided with video and pictures to share information obtained during the procedure

### Evolution of the Arthroscope

The 1.2mm diameter of the OnPoint Diagnostic TMJ Scope is approximately 75% smaller than the traditional 4.5mm glass rod scope. Its fiber-optic design tolerates flexion to help avoid tissue trauma.



## Ordering Information

## OnPoint™ 1.2mm Scope System

PART#	DESCRIPTION
24-3200	OnPoint System Base Unit
24-3000	1.2mm Scope with instruments
24-3050	Scope Procedure Kit
24-3055	Scope Procedure Kit* (Europe)
24-3201	Memory Card Converter
24-3100	Hand-piece



## Additional Accessories

ITEM	DESCRIPTION	NOTES
Printer	HP “a” System Printer (a526,a626,a826)	a826 has faster print times, large touch screen and editing features
Keyboard	Logitech Cordless Desktop EX110	The OnPoint system accepts any PS2 connection.
Cart	Anthro Carts	<a href="http://www.anthro.com">www.anthro.com</a>

Zimmer Biomet does not provide, sell or distribute the above accessories.

## Scope Procedure Kit: 24-3050\*

QTY	DESCRIPTION
1	60ml Luer Lock Syringe
4	OR towels
4	Towel Clamps**
5	Cotton Balls
1	Betadine® Solution Swabstick (3/pk)**
1	Extension Tubing
2	Facial Drapes
1	Syringe Pumping Set
1	Bilateral Facial Ice Pack (Jaw Bra)
2	22GX1.5" Needles
1	Skin Marker with Ruler

\***24-3055** (EU). EU Kit is for use in Europe

\*\* These item NOT included in the EU kit





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For more information on TMJ, 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](http://www.zimmerbiomet.com)

**EUROPE**

Toermalijnring 600 • 3316 LC Dordrecht • The Netherlands

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

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