

Clinical relevance + patient comfort = compliance and successful outcomes.

The New Shields II™ is lower profile, lighter weight and more breathable, while maintaining the multi-use features of the original and proven Shields™ Brace.

# Dynamic Control

of the patella reduces pain and assists in a successful rehab.



**Medial and Lateral Spiral Stays** prevent bunching, while allowing full range of motion.

**Trakaderm™ U-shaped buttress** allows for treatment of multiple patella indications by adjusting the buttress to the symptomatic contact point no matter the malalignment.

**Independent calf and thigh straps** adjust for contours of the leg.

Low profile u-shaped buttress is made from soft, high tack polyurethane material to ensure **dynamic tracking** of the patella. This Trakaderm™ buttress can be washed with soap and water to return tack to the surface.



## Clinically Inspired-Outcome Driven

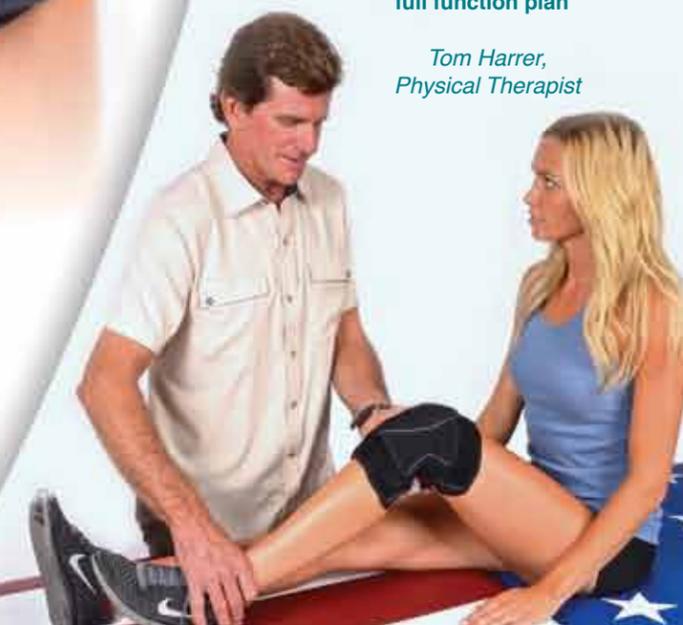


Developed in collaboration with Clarence L. Shields, MD, Kerlan-Jobe Orthopaedic Clinic, Los Angeles, CA

- Treats Multiple Patella Pathologies
- Less restrictive in movement except where more support is needed
- One brace fits both left & right for less inventory
- Superior comfort equals better compliance
- Low profile
- Extremely durable
- Breathable materials
- Lightweight
- Patella positioning without buckles

"Whether you experience or are treating anterior knee pain as Instability, arthritis or PFPS, the Shields II, could be the most important part of your return to full function plan"

Tom Harrer, Physical Therapist



**Low profile perforated neoprene** increases breathability.

**Directional Force Flap** holds the buttress in place against the patella.

**The New Trakaderm™ Buttress** is a lower profile U-shaped buttress made from soft high tack polyurethane material to help secure the buttress to the skin, embracing the patella.

**Loop Pile Material** is guaranteed to last for thousands of closure cycles.

**The Back Popliteal Panel** is made from a sueded lycra fabric for maximum comfort and breathability.

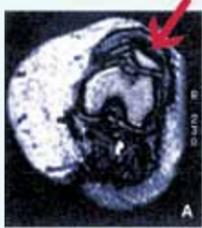


# SHIELDS II™ HINGED

PDAC Approved L1620

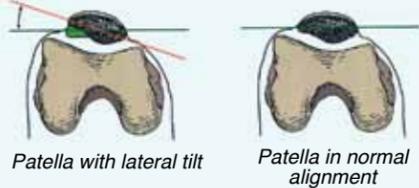
## Proven Successful Results

Lateral Patellar Tilt without Shields™ Brace:



Kinematic MRI of the patellofemoral joint, active-movement against resistance technique

Normal Alignment of the Patella with Shields™ Brace



Patella with lateral tilt

Patella in normal alignment

### Effect of a Patella-Stabilizing Brace on Lateral Subluxation of the Patella

By Frank G. Shellock, Ph.D., FACSM; Adjunct Clinical Professor of Radiology, University of Southern California, School of Medicine

ABSTRACT: This study investigated the effect of a special patella brace on patients with lateral subluxation of the patella using kinematic magnetic resonance imaging (MRI). Fifteen patients were assessed with and without application of the brace (Shields Patella Stabilizing Brace).

**“Application of the patella brace improved or corrected lateral subluxation of the patella in the majority of patients. This information has important implications for the conservative treatment of patients with lateral subluxation of the patella.”**

[Am J Knee Surg. 2000; 13:137-142.]

The SHIELDS II™ designed to be lower profile, lighter weight, more breathable and extremely comfortable.

Removable Hinges provide additional medial and lateral stability.



# The New SHIELDS II™

US Patent: 5,750,167

Improved design and material advancements lead to compliance & successful outcomes

## SIZING CHART

## SHIELDS II™ PART #6674 & #6675

MEASURE AT MID PATELLA	MEASURE 4" ABOVE MID PATELLA
XS 10" - 11"	10" - 11.5"
S 11.5" - 13"	12" - 13.5"
M 13.5" - 15"	14" - 16"
L 15" - 17"	16.5" - 19"
XL 17" - 19"	19.5" - 22"
XXL 19" - 21"	22.5" - 25"

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