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."


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

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

- Treats multiple patella pathologies
- Less restrictive in movement except where more support is needed
- One brace fits both left and right for less inventory
- Superior comfort equals better compliance
- Low profile
- Extremely durable
- Breathable materials
- Lightweight
InDependent CalF and thIgh StrapS adjust for contours of the leg

trakaDerM® U-ShapeD buttreSS lower profile U-shaped buttress made from soft high tak poly urethane material to help secure the buttress to the skin embracing the patella

MeDIal anD LateraL hIngeS or SpIraL StayS prevent bunching, while allowing full range of motion

The shields ii® is lower profile, lighter weight and more breathable, while maintaining the multi-use features of the original and proven shields® brace

TRAKADERM® U-SHAPED BUTTRESS can be washed with soap and water to return tack to the surface

LOW PROFILE PERFORATED NEOPRENE increases breathability

DIRECTIONAL FORCE FLAP holds the buttress in place against the patella

REMOVABLE HINGES and condyle pads provide additional comfort and stability

BACK POPLITEAL PANEL is made from a sueded lycra fabric for maximum comfort and breathability

LOOP PILE MATERIAL is guaranteed to last for thousands of closure cycles.

Clinical relevance + patient comfort = compliance & successful outcomes