

Relief for Surgeons, Nurses and Technicians Using GelPro® Medical Mats

Uses of GelPro® Medical Mats:

- Operating rooms
- Radiology
- Procedure areas
- Medication dispensing stations
- Lab testing areas
- Pharmacy
- All areas of hospital where extended periods of standing are required

Objectives:

Evaluate the comfort level of surgical team during and after surgery, with or without the use of gel.

Conclusions:

The use of foot gel mats improves surgeon's comfort and ergonomics in the operating by diminishing fatigue and discomfort.

Study Published In:

- Journal of Urology, May 2010 based on a study conducted at the Columbia University's School of Medicine.
- Outpatient Surgery Magazine, April, 2010

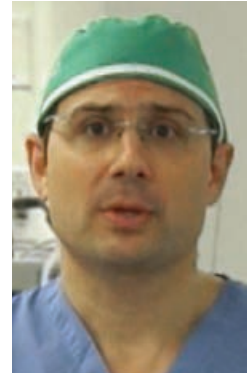
Credentials:

Prospective Randomized Evaluation of Gelmat Foot Pads in the Endoscopic Suite by Joseph A. Graversen, MD

According to a randomized control study conducted by Columbia University's School of Medicine and led by Jaime Landman, MD, former Director of Minimally Invasive Urology, it was concluded that gel foot pads improved post-operative discomfort and energy. Additionally, using gel foot mats improves surgeons' comfort and ergonomics during minimally invasive procedures, reducing the number of stretches and postural changes.

“Now, I will not operate without a GelPro Mat.”

Jaime Landman, MD, Chairman, Department of Urology
University of California, Irvine



Findings and Excerpts from the Study:

GelPro mats improved post-operative discomfort and energy

“The science of ergonomics analyzes the surgical challenges and formulates guidelines for creating a work environment that is safe and comfortable for its operators while effectiveness and efficiency of the process are maintained.”

“...the gel pad application during laparoscopic renal surgery was very advantageous...[with] a better level of energy and less discomfort in immediate postoperative time...and 24 hours after the procedure...”

Use of mats may translate into more efficient surgery and better patient outcomes, particularly for longer and more challenging endoscopic surgical procedures.

“The use of the gel mat seems to offer better body posture, while diminishing at the same time the discomfort experienced in the back, knees, and feet.”

“...[use of gel pads maximizes] surgeons' comfort level results in better technical performance and reduces the margin of error.”

Use of gel mats improve surgeon's comfort and ergonomics during minimally invasive procedures.

“...maintaining correct posture is very important in minimizing physical risks associated with the performance of complex tasks [during surgery].”

“Postural and musculoskeletal disadvantages for the surgeon and the operating room staff...can be minimized using a gel-mat pad.”

“...among experienced laparoscopic surgeons, significant musculoskeletal complaints related to the neck and arms appear to be common.”

“You will not believe how much fresher and less tired you are after a long case standing on these mats.”

Dr. David Marcus,
MD/California

Areas of Greatest Discomfort

