

Summary of Pain Perception Survey Data

Urology Physicians and Nurses

The summary results of data collected from several occupational pain studies verify the efficacy of **DYNAFLOW™** insoles. A thirty-day industrial / healthcare pain perception study was conducted with urology physicians, surgeons and nurses. The comparative results of this pain perception survey are remarkable.

- The purpose of the trial was to determine the effectiveness **DYNAFLOW™** hydraulic powered dynamic Anti-Fatigue Insoles in a healthcare work environment.
- The study shows clearly that **DYNAFLOW™** insoles reduced foot pain in a healthcare / industrial environment by an average of 72%, as well as back knee and leg pain by an average of 69%, 68% and 67%, respectively.

The scope of the report compared pre-study and post-study "perception of pain" scales relative to work-related foot, knee, leg and back pain of 57 Urology professionals (physicians and nurses) from 23 states and Canada. All subjects perform work requiring a certain amount of walking (average 28% of day) and / or standing on tiled floors (average 22% of day) in offices, hospitals and in operating rooms. Several of the subjects had access to mats. All participants reported some level of pain whether foot, knee, leg or back that they attributed to their work environment.

Urologists VAS Scale	Before the trial		After Trial		Result
	Pain Range	Average	Pain Range	Average	Improvement
FOOT PAIN	2 to 10	6.1	0 to 8	1.7	72%
BACK PAIN	0 to 10	5.1	0 to 6	1.6	69%
KNEE PAIN	0 to 10	4.4	0 to 6	1.4	68%
LEG PAIN	0 to 10	5.1	0 to 6	1.6	67%

A summary of the collected data shows that:

- **37 subjects (65%) had pre-existing pain factors** including Plantar Faciitis, Heel Spurs, Flat Feet, Bunions, Calluses and Poor Circulation.
- **100% relief** was reported by 37% of subjects with foot pain, 40% with knee pain, 40% of subjects with leg pain and 43% with back pain.
- **89% of subjects** reported a 50% or greater reduction in foot pain.
- **63% of subjects reporting Level "10" pain** reported a 50% or greater reduction in foot pain.