Summary of Trial Data
DYNAFLOW™ Hydraulic Powered Anti-fatigue Insoles: Perception of Pain Study

Manufacturing and warehouse workers

The summary results of data collected from several occupational pain studies verify the efficacy of DYNA-FLOW[tm] insoles. A thirty day industrial / manufacturing pain perception study was conducted at a major aerospace company involving 183 manufacturing and warehouse workers. The results of this and other perception of pain studies are remarkable.

The purpose of the trial was to determine the effectiveness of Dynamic Hydraulic Powered Anti-fatigue Insoles in an industrial work environment.

The study shows clearly that DYNA-FLOW[tm] dynamic fluid filled insoles reduced foot pain in a healthcare / industrial environment by an average of 67%, as well as headache, back, knee and leg pain by an average of 91%, 85%, 82% and 85%, 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 183 workers. All subjects perform work requiring a certain amount of walking (average 88% of day) and / or standing on tiled floors (average 68% of day) in manufacturing facilities and warehouses. Several of the subjects had access to fatigue mats and consumer anti-fatigue insoles. All participants reported some level of pain whether foot, knee, leg, back or headache that they attributed to their work environment.

Subjects used a Visual Pain Scale to rate their perceived "BEFORE TRIAL" and "AFTER TRIAL" pain. The results of the study are summarized on the chart.

Warehouse and Factory workers	Before the Trial		After the Trial		Result
VAS Scale Summary	Pain Range	Average	Pain Range	Average	Improvement
FOOT PAIN	0 to 10	4.85	0 to 7	1.58	67%
BACK PAIN	0 to 10	4.93	0 to 6	0.73	85%
KNEE PAIN	0 to 10	4.8	0 to 6	0.86	82%
LEG PAIN	0 to 10	4.4	0 to 6	0.7	85%
HEADACHE	0 to 10	4.3	0 to 4	0.37	91%

Summary of Trial Data:
A summary of the collected data shows that:

- **The reduction in pain and discomfort along the kinetic chain ranged from 67% to 91%.**

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