The Pure Proof
Discover what differentiates the Pure Energy brand

This eBook explains the technology behind Pure Energy mattresses, and shows why, unlike other mattresses, Pure Energy has science backing its claims up.
The Pure Energy Sleep System™ improves sleep quality and regenerates your body while you sleep! Its exclusive CellActive Technology™ increases energy & stamina, controls body temperature, and enhances body vitality. With its natural and proprietary latex, the Pure Energy Sleep System™ provides a pure and allergen free environment while ensuring the utmost in comfort and support.

Pure Energy Sleep System™ mattresses are manufactured in Canada by Restwell Sleep Products. Founded in 1990, Restwell Sleep Products is a manufacturer of mattresses and boxsprings with two factories in Canada. The Restwell brand is known for quality, value, and comfort, and we take pride in the fact that our mattresses are Canadian made, with high quality standards and attention to detail.
We believe in hand-crafted quality beds and exceptional service, from our family to yours. Because we care.

Pure Energy Sleep System™ mattresses convert your body’s energy into infrared light (FIR), which is then reflected back into your body. Infrared light technology is used by doctors to increase energy, endurance, strength and stamina. The various combinations of the below patented and core technologies work together to provide you with better sleep and improved overall well-being.

CellActive™ is a proprietary responsive sleep technology which enables your body to rejuvenate and restore while you sleep. It is clinically proven to increase sleep quality and improve overall wellness to help your body realize its full potential. CellActive™ is a combination of surface and core layers, which together increase energy and accelerate the rejuvenation process.

Celliant® is a different kind of performance technology, loaded with a potent mix of minerals, which works with your body to capture and return otherwise lost energy. It is clinically proven to promote restful sleep improving overall wellness. Celliant® works with every fiber of your being to stimulate quicker recovery from the day’s busyness. It recycles and converts radiant body heat into something that gives the body a measurable boost.

Cellitex™ Recovery Latex is a patented material exclusive to the Pure Energy Sleep System™. It is a latex product with naturally beneficial properties. Cellitex™ increases local blood flow and regulates body temperature as you sleep! It is built with a dynamic zoned support system to keep your spine and muscles properly supported, and to reduce the tossing and turning that interrupts sleep.
The Proof

Studies have proven various benefits to sleep and health as a result of exposure to CellActive™, Celliant® and Cellitex™ technologies. Through their ability to emit Infrared light back into your body these technologies actively increase sleep efficiency, recover and wellness, and performance levels.

CLINICALLY PROVEN RESULTS

Exclusive technologies in the Pure Energy Sleep System improves overall wellness, to helps your body naturally realize its full potential. CellActive™, Celliant® and Cellitex™ properties have been developed and tested under the guidance of experts in the fields of physics, biology, chemistry, and medicine.

The natural components of latex combined with Celliant allow Cellitex™ to improve your sleep quality. Celliant™ reduces tossing and turning providing you with a more restful sleep. Below is the summarized data for six subjects that participated in Dr. Hung’s Celliant Sleep Study (2009). Pressure relief and proper spinal alignment provided by Cellitex™ further reduces tossing and turning and brings needed oxygen and nutrients to tired aching muscles. Zoned and contoured support also reduces motion transfer allowing you to sleep undisturbed throughout the night.

CLINICAL STUDIES

Exclusive Pure Energy technologies are continually held to scientific scrutiny through internal research and development process. Through their ability to emit infrared light back into your body these technologies actively increase sleep efficiency, recovery and wellness, and performance levels.

INCREASED SLEEP EFFICIENCY

Celliant infrared technology is continually held to scientific scrutiny through internal research and development processes. One study revealed that Celliant technology reduced the median time spent awake at night after falling asleep by 18.3 minutes. Individuals spent an average of 42 minutes less time sleeping suggesting that the sleep they received was more restful. Median sleep efficiency improved by 2.6%.
**CELLIANT BLOOD FLOW STUDIES, DR. LAWRENCE LATORY**
According to Dr. Lavery, “This study provides objective evidence to support what many of us have observed or heard from people that have worn products enhanced with Celliant. It shows a significant increase in blood flow in the skin when study subjects wore the garments.”

**CELLIANT STUDY OF THIRTEEN HEALTHY SUBJECTS, DR. GRAHAM MCCLUE**
According to Dr. McClue, “Celliant does, in fact, increase oxygen profusion levels by 10% to 24% in a healthy non-compromised population.”

**EFFECT OF SHIRT WITH 42% CELLIANT FIBER ON TCPO2 LEVELS AND GRIP STRENGTH IN HEALTHY SUBJECTS, DR. IAN GORDON**
There was a statistically significant increase in mean TCPO2 levels associated with wearing the Celliant shirts observed at 30, 60 and 90 minute intervals, with the greatest increase, at 90 minutes, reflecting an approximate 7% overall average increase in skin oxygen levels.

**APPAREL WITH FAR INFRARED RADIATION FOR DECREASING AN ATHLETE’S OXYGEN CONSUMPTION DURING SUBMAXIMAL EXERCISE, JAY T. WOROBETS**
When cycling at lower relative intensities (< 4 mmol/L), the subjects consume approximately 1.0% less oxygen when wearing FIR emitting apparel.

**INCREASED PERFORMANCE LEVELS**

**EFFECT OF OPTICALLY MODIFIED POLYETHYLENE TEREPHTHALATE FIBER SOCKS ON CHRONIC FOOT PAIN STUDY, DR. IAN GORDON**
Results of participants wearing products enhanced with Celliant compared to those wearing placebo products.

**IMPACTS OF SUBJECTS SOCKS WITH APPLICATION OF CELLIANT TECHNICAL FIBERS ON TRANSCUTANEOUS OXYGEN PRESSURE, DR. LI SHAOJING**
Compared with control socks, Celliant socks within the monitoring period, can better improve the local transcutaneous oxygen partial pressure at foot dorsum.

Find the rest of the studies at [www.pureenergysleep.ca/clinical-studies/](http://www.pureenergysleep.ca/clinical-studies/)

**SCIENCE ADVISORY BOARD**
Celliant is the most established and clinically tested infrared-optimized textile in the industry. It has been developed and tested under the guidance of a dedicated Scientific Advisory Board, which is composed of experts in the fields of physics, biology, chemistry and medicine. The appointments include Dr. Michael Hamblin (Photobiology), Dr. Shimon Weiss (Nanotechnology), Dr. Christopher Drake (Sleep Medicine), and Dr. Lawrence Lavery (Diabetes and Wound Care).
The Pure Energy Sleep System™ is designed to provide you with more than just a comfortable sleep environment. The technologies in the Pure Energy Sleep System™ provides you with the most restful sleep. The collection offers an array of mattresses so you can find the one that best suits your needs! Each mattress helps you fall asleep faster and allows you to wake up feeling re-energized. They offer individualized support at the core, various combinations of comfort, and exclusive technologies such as CellActive™, Celliant®, and Cellitex™, which provide the benefits below.

- **Improved Circulation**
- **2.7X Greater Pain Relief**
- **Durability**
- **Optimal Sleep Environment**
- **Fall Asleep Faster**
- **Temperature Regulation**
- **Increases Oxygen Levels**
- **Increased Flexibility**
It was an avid Ironman athlete and competitor that first conceptualized a mattress that would accelerate body recovery for athletes during the night. Working with experts in mattress manufacturing, a sleep system was designed to accelerate healing and restore your body as you rest.

Over the years, an interdisciplinary team of manufacturing gurus, sleep experts, and renowned scientists in the fields of Sleep Medicine, Photobiology, Nanotechnology, and Health Care, worked together to refine the Pure Energy Sleep System™.

Incorporating only the best of technology and materials available today, the Pure Energy Sleep System™ provides a healthy and rejuvenating sleep that allows you to realize your body’s full potential...

What the World Triathlon Corporation (organizers of the Ironman Race) realized, is that the Pure Energy Sleep System™, with its patented CellActive™ Technology, is a perfect catalyst to assist in athletes’ T3 Recovery phase.

CellActive™ Technology is proven to increase oxygen levels and blood circulation, which helps athletes heal and perform at greater rates. The benefits that this sleep system provides to athletes has led the WTC to endorse the Pure Energy Sleep System™.

These mattresses allow athletes to recover from a vigorous training regime and to wake up feeling refreshed and re-energized.

+1-604-576-2399
aidanm@restwell.com

14922 54A Avenue
Surrey, BC
V3S 5X7

www.pureenergysleep.ca