



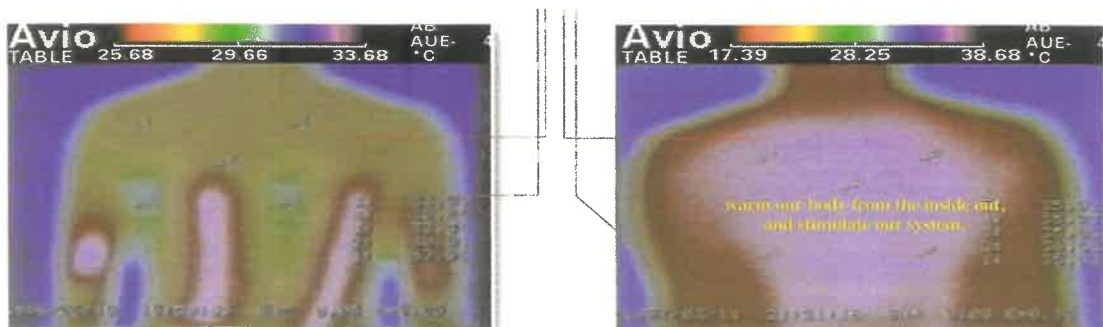
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**Evaluating the reduction of cancer pain using the infra-red negative ions amethyst BioMat in 12 subjects over 6 months** By George Grant, PhD

The amethyst BioMat was used by 12 subjects for one hour three times per week as well as using the Detox Salt during sleep daily over 6 months period. We used two different biofeedback devices to measure pain reduction, Complete Blood Count (CBC) 12 hours fasting blood test including white blood cell count (WBC) and high-sensitivity C-reactive protein (HS-CRP) to measure inflammation. The Far Infrared/Negative Ions Amethyst BioMat reduced pain by 21% and reduced HS-CRP by 15% and reduced Stress by 52% of 12 subjects in 6 months as validated by Pre and Post Biofeedback Brain Scans as well as fasting blood test to measure the stress hormone cortisol.

As Nobuhiro Yoshimizu, M.D., Ph.D., former director of Yokohama General Hospital states, “A one degree increase in body temperature results in a 40% increase in immunity.”

Far Infrared Rays penetrate deeply into the body with a uniform warming effect. Specifically, FIR penetrates 6-8 inches into the innermost recesses of the body. See the photos below contrasting a regular heating pad (left) versus the BioMat (right).



Medical Disclaimer: Information provided is for informational purposes only and is not a substitute for professional medical advice. It is not intended to cure, diagnose or treat medical conditions, nor is it a substitute for the product User's Guide. Please consult with a medical professional regarding any health concerns and before beginning this or any other new health care program.

**HeartSprings Community Healing Center** did a small study in October 2016 called: *A Two-Week Trial Study on the Use of the BioMat for Back Pain Relief in Clients Living with Parkinson's Disease and Multiple System Atrophy*

By Jan Nelson, OTR/L, MA  
and Barbara Edin, PT

The summary of the BioMat study included the following:

- Less pain
- Less stress
- Less fear of pain
- Clumsiness improved
- Difficulties in writing improved
- Feeling of often needing to urinate improved
- Less side effects of pain medication
- Feel more secure
- Less difficulty in doing leisure activities and being able to travel
- Could sit for longer periods of time
- Feel less isolated
- Improved appetite
- Improvement in mood

This is what the clients said:

- “I am sleeping better.”
- “I have more energy.”
- “My leg cramps ceased.”
- “Bladder urgency has lessened and I don't have to go as often.” (Urgency disappeared after three days into using the mat.)
- “It helps with the stiffness. I don't have to fight my own body. I think that may be why I have more energy.”

*More comments from clients as they were going through the study:*

- “I just feel so good.”
- “Sleeping better, more energy, and more flexible!”
- “I've had so much more energy. I did twice as many things as normal due to increase in energy.”
- “It took away my stiffness.”
- No neck pain
- Fine motor skills/ coordination are improving such as brushing teeth and whipping an egg
- Decreased hip pain. Able to get up from floor during yoga.
- Feels rested and mind clear.
- Sleeping better at night.
- No trouble walking and got up with ease from mat.
- “I've gotten in and out of the car easier”.
- “I didn't have a kink in my neck today. I've had it for six months on the right side of my neck.”
- “I am pretty stiff in the morning. The most dramatic change I experienced with the BioMat was a reduction in my morning stiffness. I was able to make the transition from bed to up and moving in a much more rapid fashion.”