



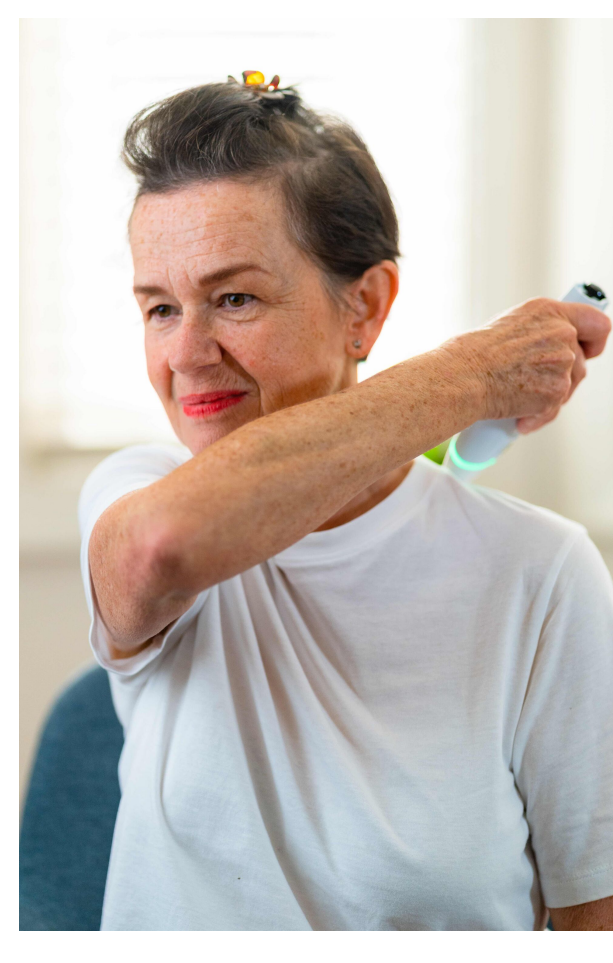
SUSIE'S STORY: PHYSIOCARE FOR CHRONIC PAIN



Q&A with Susie Lobb

Q: How do you use the PhysioCare Laser?

A: I guess throughout my life I have been plagued with aches and pains. So, I am used to having pain and learning different ways to manage it. I bought the device. I was at that time suffering from lower back pain, pain in my gluts, and in my shoulder as well. I used it in response to pain and it would help immediately, and I used it for a few days - I used it every alternate day because that's what was advised in the brochure. So, it became a tool, and I would rather use that than take Ibuprofen or paracetamol to help.



Q: What is a time you have used the PhysioCare Laser for Chronic Pain?

A: I was using it off and on and then, then I got a new pain! At my age it is all about new pains, I got a new pain in my knee. I had a baker's cyst at the back of my knee - which I tried all sorts of things to get rid of but they are persistent things, baker's cysts, it hung around. I started to use the SYMBYX device around my knee to give me relief for that. It helped a lot, you can't fix the baker's cyst, that's still there, but it helps with the corresponding muscle pain up and down the calf and around my knee. So, I'm pain free in that area at the moment.

Q: What impact has the PhysioCare Laser had on your life?

A: If I'm asked the question "What impact has the device had on my life and the changes it has meant on my life?", I think maybe you could ask my family because they would tell you that I'm far less grumpy now because chronic pain, whilst the level of my pain didn't actually stop me from doing anything it impacted my mental health because if you've got chronic pain, it is very debilitating. It makes you feel quite grumpy, seriously grumpy, and it impacts your whole life at some level. Even if it doesn't stop you from doing something it impacts your enjoyment of life and it certainly impacts the people around you...

"Being able to use a drug free alternative, freely, so to speak, without any side effect has meant that I can treat my pain and not have that debilitating ongoing pain. And I am certainly a nicer person to be around as a result of that."

Q: When do you find time to use the PhysioCare Laser?

A: I would get the device in the evening because that's when you really feel the pain, when you are trying to go to sleep, and I would grab my laser device and I would go to some points on my lower back, my gluts or my neck or my shoulder or something and it would help me get a good night sleep and that's very important in life, for me, is...

"If I can get a good night sleep then the whole world changes."



Watch Susie's entire interview [here](#)



We love hearing from our SYMBYX customers all over the world.

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SYMBYX IN THE MEDIA

FINANCIAL REVIEW

SYMBYX was featured in an article by Mark Eggleton in the Australian Financial Review newspaper on June 21. The topic was the complexity of commercialising scientific innovations. Here is the relevant excerpt as it cannot be accessed unless you are an AFR subscriber.

"Another local company on the rise is medical laser specialist SYMBYX, which is developing light therapies to reduce the debilitating symptoms of Parkinson's disease and other chronic conditions. Co-founder and chief executive Wayne Markman says the company's devices use light in a focused way to decrease neurodegenerative disease symptoms.

"We're disrupting the way Parkinson's patients have been treated around the world and it's very cool that this comes from Australia," Markman says. "Parkinson's patients deserve more - they deserve better levels of care, and they deserve the latest technology and research, and the latest research shows they need an integrated approach, that includes A, B, C and D, not just a tablet."

Previously a director at Credit Suisse where he structured mergers and acquisitions and capital market transactions in the tech and healthcare sectors, Markman has successfully commercialised several different medical technologies. He says the technology discovered by a group of neuroscientists in NSW and Queensland attracted him because light therapy seemed a much better alternative to the existing Parkinson's drug, with its sometimes insidious side effects.

Working with company chairman Peter Carre, Markman helped the scientific team commercialise the project and set about navigating the byzantine regulatory processes globally, an exercise that can be "very onerous". "A lot of good science is sitting in universities, because no one comes along and says, 'I want and know how to commercialise it' - also because it's so expensive." The [SYMBYX] device has now received regulatory approval throughout Europe, Asia and Australia and is seeking FDA approval in the US."

[Read more](#)

LASERS COULD HELP TREAT BOWEL DISEASE PAIN

Queensland researchers are trialling lasers as a non-invasive treatment for pain suffered by young people diagnosed with inflammatory bowel disease.

By Marly Silk
Reprinted from [Channel 7 News article](#)

Jazmine Domagala is hopeful a little bit of light will help reduce her pain, fatigue, anxiety and depression.

The 20-year-old has suffered a day-to-day grind of debilitating symptoms since being diagnosed with Crohn's Disease, an inflammatory bowel condition, seven years ago. "It's also very isolating because I make decisions based on my disease," she said.

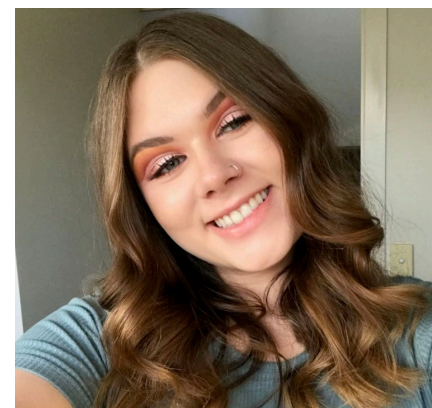
"Unlike most other 20-year-olds I don't go out drinking and partying late into the night because I know I will be floored the next day."

However, Ms Domagala's life could be about to change if a medical trial she is taking part in at [Brisbane's Mater Hospital](#) is successful.

She is one of 28 inflammatory bowel disease patients, aged 18 to 35, chosen by Mater Research for a study on using [low light therapy](#) or photobiomodulation (PBM) to treat inflammation. Senior researchers Dr Tatjana Ewais and Associate Professor Liisa Laasko say the trial could help more than 10,000 Australians suffering the symptoms of IBDs.

"We believe this treatment has the potential to dramatically improve the quality of life of young people by reducing fatigue, depression, and pain associated with IBD," Dr Ewais said.

Dr Laasko said patients will be treated for 30 minutes a week for 10 weeks, with researchers checking their inflammatory markers, along with the diversity and composition of gut bacteria. The participants will complete questionnaires about their fatigue and physical activity and keep diaries recording their pain levels throughout the trial.



"IBD is a debilitating condition, and we're excited to begin this important research which will provide a clearer understanding of the power of infrared laser therapy to change the lives of young people affected by it," Dr Laasko said.

Ms Domagala is hopeful the laser treatment can reduce her Crohn's-induced fatigue and pain, and the attendant mental health impacts she suffers.

"It would be great if this treatment could help me get a better quality of life," she said. Dr Wayne Markman, chief executive of laser therapy specialists SYMBYX, said the [non-invasive treatment](#) has already proved helpful for Parkinson's Disease patients suffering [chronic pain](#), inflammation and other symptoms.

The Therapeutic Goods Administration has approved PBM for treating inflammation, he said.

[Read Article on our Website](#)

RESEARCH

PROMISING RESULTS IN TREATING DEMENTIA WITH PHOTOBIO-MODULATION

We wanted to make our subscribers aware about the increasing research into the impact of photobiomodulation on dementia. Farzad Salehpour, Mahsa Khasemi and Michael R Hamblin, the authors of the article published in the Journal of Alzheimer's Disease, in October last year, studied over 10,000 articles and 36 studies into the impact of red and/or near infrared light from lasers and LEDs to improve a wide range of medical conditions, but with a focus on dementia. An excerpt we republish below with a link to the full publication also.

Objective: To conduct a systematic review according to PRISMA guidelines of pre-clinical and clinical studies reporting the use of PBM, which were considered relevant to dementia.

Methods: Literature was searched between 1967 and 2020 using a range of keywords relevant to PBM and dementia. The light source and wavelength(s), output power, irradiance, irradiation time, fluence or total energy (dose), operation mode (continuous or pulsed) irradiation, approach and site, number of treatment sessions, as well as study outcome(s) were extracted.

Results: Out of 10,473 initial articles, 36 studies met the inclusion criteria. Nine articles reported in vitro studies, 17 articles reported studies in animal models of dementia, and 10 studies were conducted in dementia patients. All of the included studies reported positive results. The clinical studies were limited by the small number of patients, lack of placebo controls in some instances, and only a few used objective neuroimaging methods.

Conclusion: The preliminary evidence of clinical benefit, the lack of any adverse effects, and the remarkable ease of use, suggest larger clinical trials should be conducted as soon as possible."

[Read Complete Article Here](#)

COMING SOON

Introducing the ProSeries



Our new clinic-based laser which is a collaboration between ourselves and our Swedish manufacturing partner [Irradia](#).

The ProSeries is the most efficient delivery of energy to a patient. Reducing the 20 minute protocol of the PDCare laser down to 2 minutes!



The ProSeries can deliver the therapies of the PDCare Laser, the PhysioCare Laser and the DermaCare Laser - making it perfect for a Clinic setting! The ProSeries is rechargeable, portable and will be available for purchase later this year.

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PhysioCare Laser

Reduce Chronic Pain and Inflammation

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DermaCare Laser

Heal Wounds and Neuropathies

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- * Increase dopamine & serotonin levels
- * reduce gut inflammation
- * manage chronic pain

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Drug + Pain Free

Our products are made from organic, vegan materials - we're all for saving our mother earth!

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Warranty

All of SYMBYX's innovative products are built to the highest quality, safety and durability.

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