

**B-CURE<sup>®</sup>**  
LASER

## Short profile

### Erika Carmel Ltd.

**CHARITÉ/BIH-PARTNER WANTED!**  
More information [here](#)

Medical field	Pain, Wound Management, Musculoskeletal & Orthopedic Conditions, Post Surgery rehabilitation.
Product	B-Cure Laser, Medical Devices, LLLT
Growth stage	Development of a new wearable LLLT device
Team	Michael Schlosser (Founder), Itay Avni (Business Dev.), Lorien Newman (Project Lead)

### Description of product:

LLLT-Low Level laser Therapy, or photobiomodulation (PBM) is a non-thermal irradiation in the red to near infrared (NIR) range of the electromagnetic spectrum. B-Cure Laser has a unique patented electro-optic technology, which enables high efficacy LLLT self-treatment. The technology is backed by 5 double-blind clinical trials, and a systematic literature review proving its efficacy and leadership in this category.

### Project goal:

Co-development of Wearable LLLT devices, specifically for pain reduction, acceleration of healing hard to heal wounds, and for treating a variety of inflammatory related conditions, such as osteoarthritis and arthritis. An additional option is a new large multi-diode wearable Medical Device for the treatment of Diabetic Foot Ulcers.

### Project type:

The company is looking for a partner to validate a wearable, flexible, individually adjustable device to efficiently and comfortably treat all patients (including severe conditions/post-surgery) and to increase compliance at home, and in-clinic. Co-development includes adjustment in design for different medical conditions (including arthritis/back and knee pain/wound management etc.) as well as validation of objective pain assessment using thermography. Furthermore, the company seeks to develop and pilot an advanced interactive telemedical platform that will enable the medical staff to manage the patient's treatment and progress at home. Est. Project Duration: 12 months.



Eligible by the IIA



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