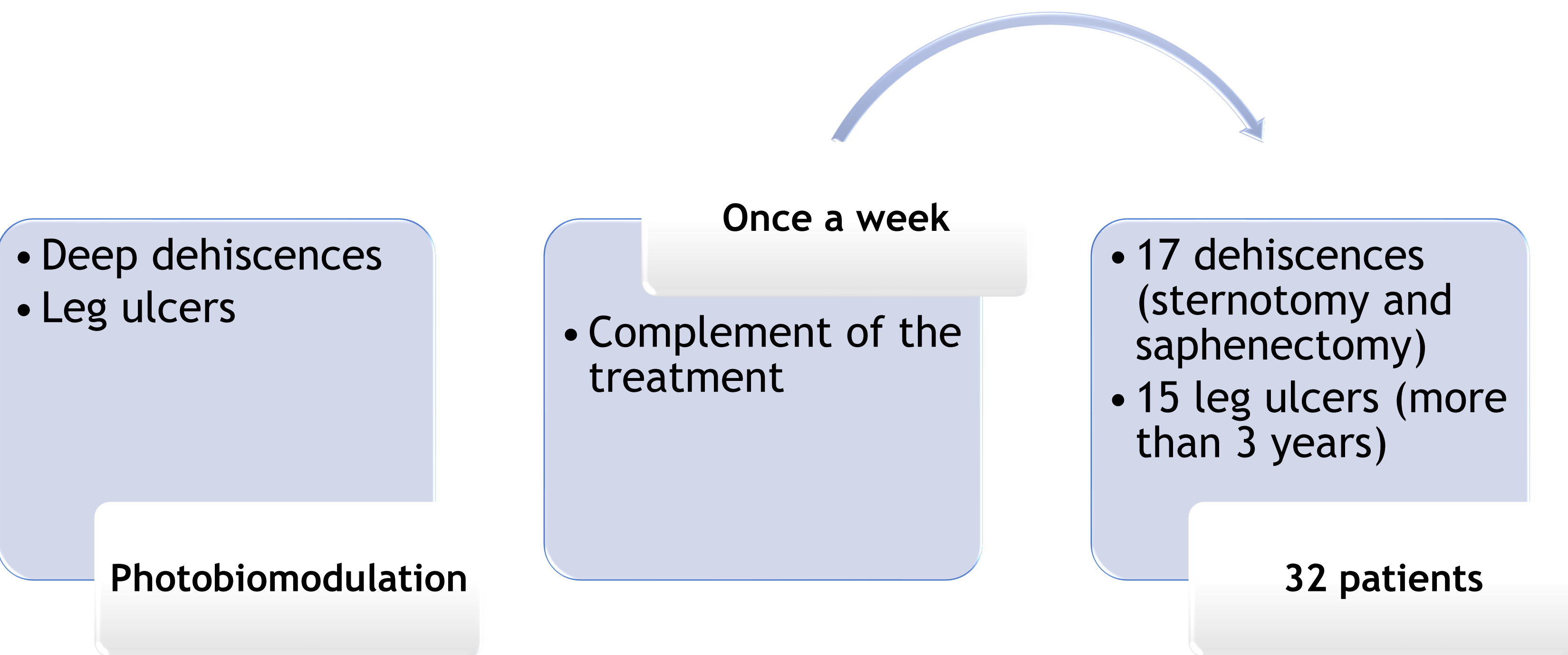
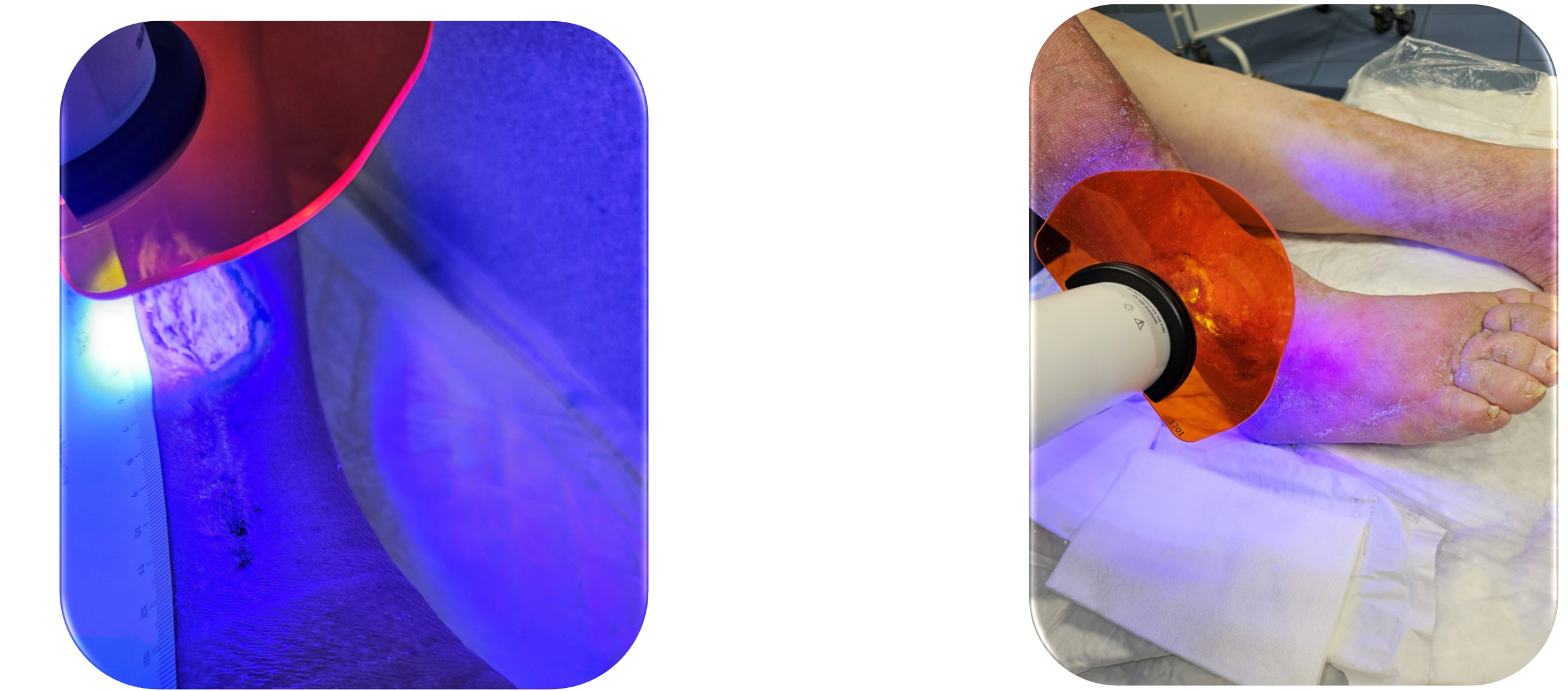
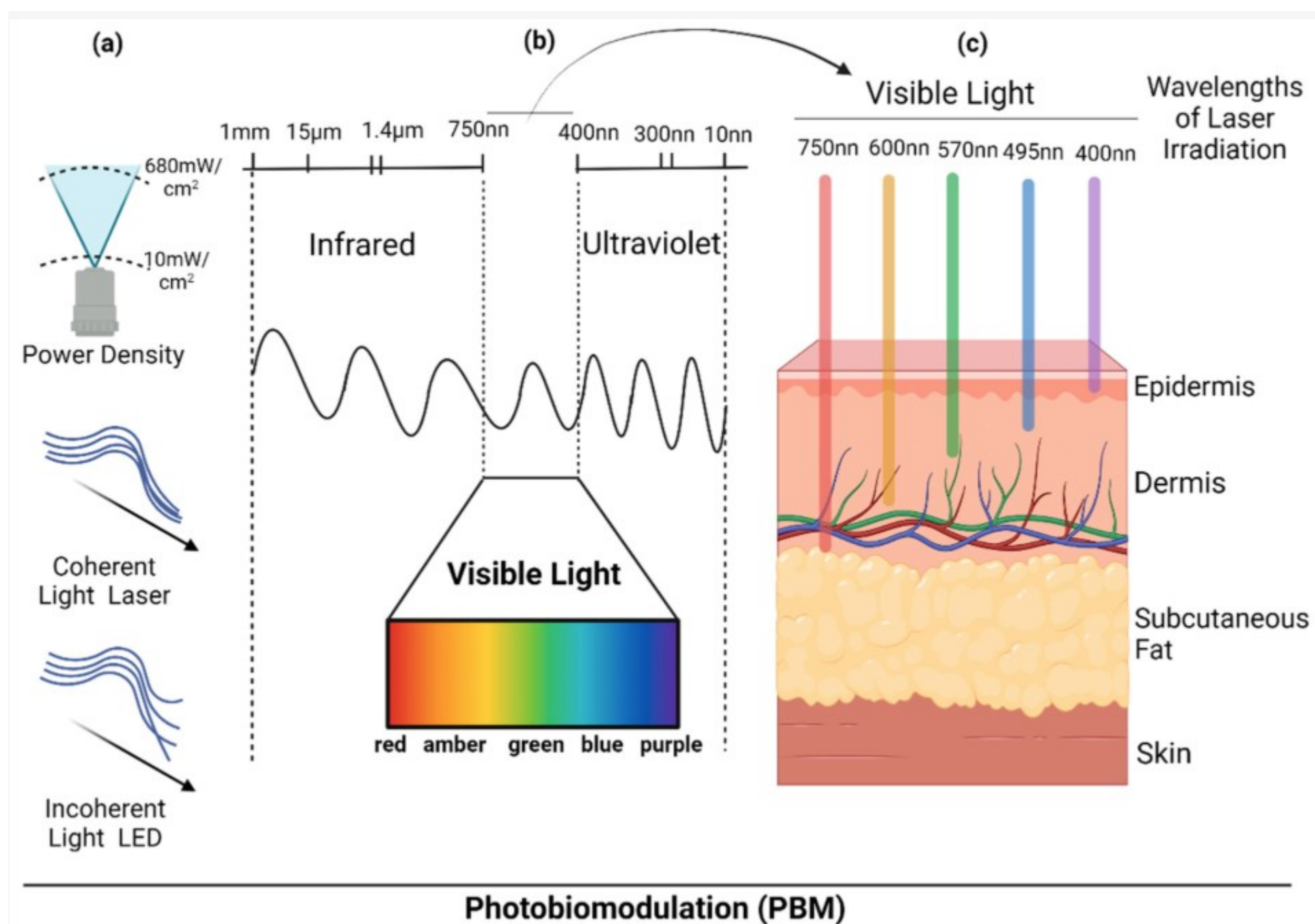


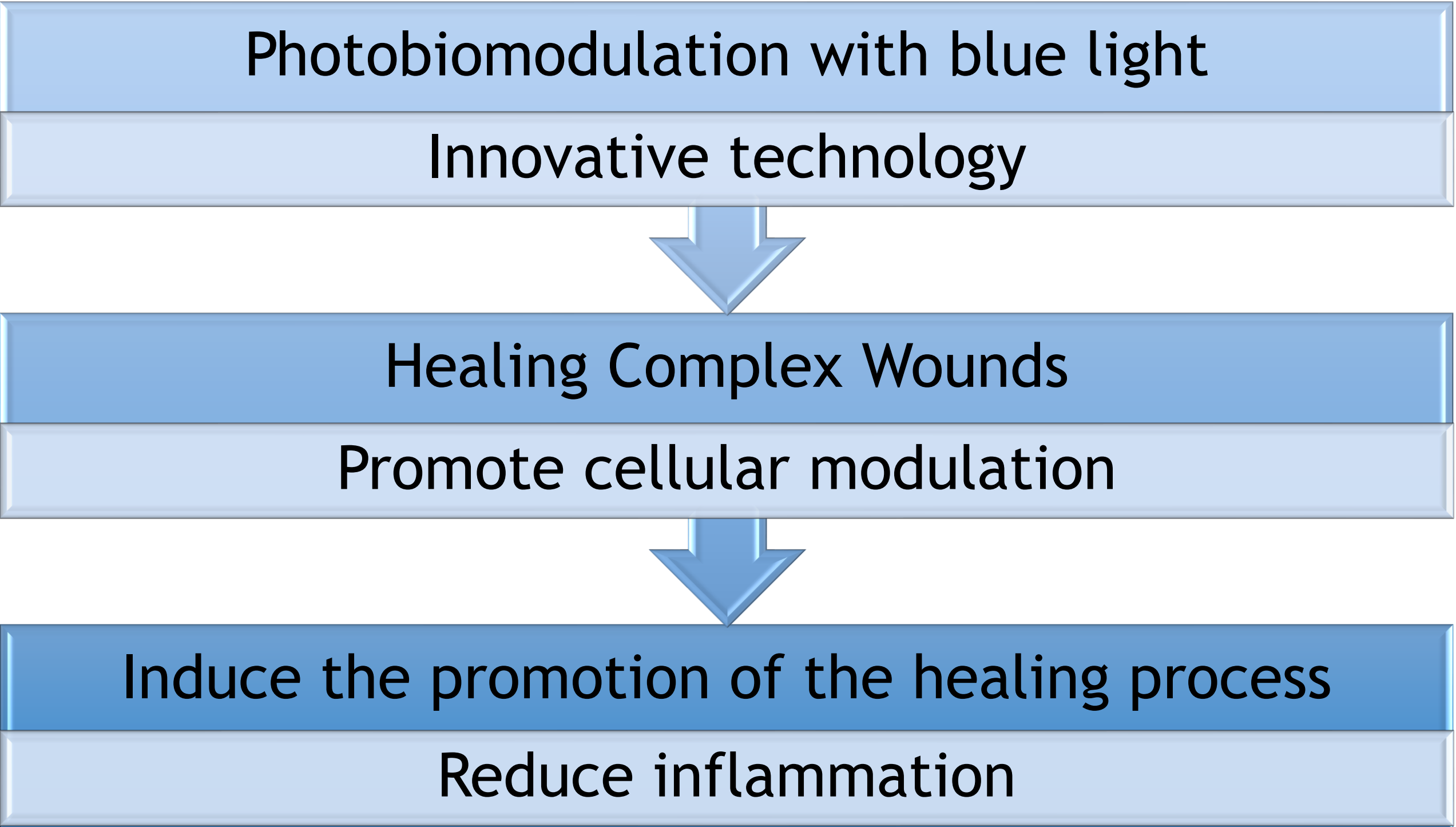
Photobiomodulation with blue light is an innovative technology in the healing of complex wounds, promoting cellular modulation, reducing inflammation and inducing the promotion of the healing process. The regulation of metalloproteinases in complex wounds is fundamental, as the presence of these structures is a precursor to delays in healing. The application of blue light promotes the production of ATP, which is essential for cellular metabolic processes and which leads to effective healing.



Wounds resulting from dehiscence all close without resorting to surgery, with an average closure time of 8 weeks. After the start of the technology, the healing process occurred uneventfully and with a reduction in pain with each treatment, with a resulting very functional scar. In leg ulcers, the shortest time was 3 years and the longest time was more than 30 years, and the average time to closure was 13 weeks. All patients report a reduction in pain after the third application, having maintained the same type of previous treatment.



Closed in 4 months.... After 30 years...



The use of this technology as a complement to the treatments carried out, promotes the healing process, managing to enhance the dressing material that is placed later. Reducing pain associated with increasing quality of life is essential to promote the healing process. Reducing the healing time in hard-to-heal wounds is an important matter, for the reduction of the costs associated to wounds, the social costs for the healthcare systems and for the families and to improve the quality of life of the patients.

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