

Request Information

Permalink

Combination of a drug with low level light therapy (LLT) for treatment of wounds

Tech ID: 30085 / UC Case 2013-772-0

BRIEF DESCRIPTION

This is a combination of a drug and light technology for the purpose of accelerating the healing of wounds on the skin, ulcers, and elsewhere in the body. Both methods have been shown to accelerate wound healing, and combining the two will potentially result in more rapid healing than either would alone.

FULL DESCRIPTION

This is a combination of a drug and light technology for the purpose of accelerating the healing of wounds on the skin, ulcers, and elsewhere in the body. Both methods have been shown to accelerate wound healing, and combining the two will potentially result in more rapid healing than either would alone. The drug will be developed in both a gel release form and in an aerosolized form so it can be easily applied. This will be done either before, after, or during exposure to light specifically designed for this purpose.

SUGGESTED USES

Significant clinical benefits. Wound healing.

ADVANTAGES

Would speed up the healing of wounds such as burns, traumatic injury such as severe abrasions, and surgical wound healing. Potentially would help heal skin, ulcers, and elsewhere in the body.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	10,272,096	04/30/2019	2013-772

CONTACT

Alvin Viray
aviray@uci.edu
tel: 949-824-3104.



OTHER INFORMATION

KEYWORDS

nitrosyl-cobinamide, low level light therapy, wound healing

CATEGORIZED AS

- » Optics and Photonics
 - » All Optics and Photonics
- » Computer
 - » Software
- » Materials & Chemicals
 - » Chemicals
 - » Other
- » Medical
 - » Other
 - » Software
 - » Therapeutics

RELATED CASES

2013-772-0

UCI Beall
Applied Innovation

5270 California Avenue / Irvine, CA
92697-7700 / Tel: 949.824.2683



© 2019, The Regents of the University of
California
[Terms of use](#)
[Privacy Notice](#)