

PHOTOBIMODULATION ASSOCIATED WITH FITOSCAR® IN THE TREATMENT OF FOURNIER'S GANGRENE: CASE REPORT

Authors: Ferreira RC¹; Oliveira RCI²; Santos EG²; Almeida C; Assis MSF¹; Jana F¹; Silva DFT¹

1. Post-Graduate Program in Biophotonics Applied to Health Sciences – UNINOVE - Brazil

2. Center for Biophotonics – Mandaqui Hospital - Brazil

Fournier's gangrene (FG) is a necrotizing fasciitis of the perineum, abdominal wall and genital regions of men and women. It is characterized by obliterating endarteritis with ischemia and thrombosis of the subcutaneous vessels with necrosis and bacterial infection.^{1,2} Surgical interventions accompanied by long periods of hospitalization a long with coverings and dressings are the treatment of choice for FG, making treatment long and costly for the public health system. This study aims to present a case report on a patient with FG who underwent photobiomodulation (PBM) associated with secondary covering. Description: WOM, male, 49 years old, admitted to a public hospital in the state of São Paulo on 15 Oct. 2019 with a diagnosis of FG; emergency surgical debridement was performed accompanied by antibiotic therapy. The PBM was applied to wound with a cluster: 3 LEDs 460nm, P= 400Mw and 2 lasers 600nm, P= 100mW and 2 red LED emitters, 660nm P = 200mW; 60 seconds por points Secondary dressing with FITOSCAR® (extract of *Stryphnodendron adstringens*) was changed every 48 hours for the 10 days of treatment. The lesions were evaluated using the PUSH scale with improvement of the border, secretion and wound center. It was concluded that PBM associated with FITOSCAR® was satisfactory in the treatment of FG, reducing hospitalization time as well as hospital costs. References:

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2. Pagatti VTP;Tiveron LCRC; Cunha MTR; Marinho MAQ. Options surgery Syndrome Fournier:Sirurgical cases. *Brazilian Surg Plastic.* 2017;v(1):1-3.