Management of radiation-induced mucosal necrosis with photobiomodulation therapy

Joel B. Epstein^{1,2} · Paul Song¹ · Allen Ho¹ · Babak Larian¹ · Arash Asher¹ · Rene-Jean Bensadoun³

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We are pleased to see this report of successful management of radiation-associated oral mucosal necrosis following radiation therapy reported by de Bataille, C. et al. This case report describes an additional case of a persisting radiation-associated mucosal necrotic lesion, treated at another institution with rapid and early improvement and complete resolution in 6 weeks, comparable to the three cases as we had previously reported (Epstein, JB et al. *Support Care Cancer* 2017;25:1031–4). This confirmatory case further supports the potential utility of low-

level laser light (photobiomodulation) therapy for promotion of wound healing in difficult cases of mucosal necrosis following radiation therapy. The molecular and tissue mechanisms have been proposed.

Given the challenge of assessing rare conditions, with variable size, duration, progression, and prognosis of mucosal necrosis, case series may provide the best clinical evidence for approaches to management.

✉ Rene-Jean Bensadoun
jepstein@coh.org; joel_epstein@hotmail.com

¹ Cedars-Sinai Health System, Los Angeles, CA, USA

² City of Hope National Medical Center, Duarte, CA, USA

³ Centre de Haute Energie, Nice, France