



## Combined Pulse Dye Laser with UltraPulse CO<sub>2</sub> Laser for the Treatment of a Nodular Basal Cells Carcinoma of the Lower Eyelid

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### Clinical Image

We present the case of a 85 year-old male with a left lower eyelid nodule, that initially started as an erythematous papule, but had increased to greater than 2,5 cm in the past 5 years and had histologically diagnosed as basal cells carcinoma.

Due to the old age of the patient and the critical site we decided to treat it with a combined 595 nm Pulse Dye laser (PDL, Synchro VasQ, DEKA Mela) and UltraPulse CO<sub>2</sub> laser (SmartXide<sup>2</sup>, DEKA Mela).

We scheduled 3 sessions with an interval of 60 days from each other: we treated it twice with PDL (spot size =12 mm, fluence =7.5 J/cm<sup>2</sup>, pulse duration =0.5 ms, 10% overlap, three passes, and cooling), at third session with CO<sub>2</sub> laser (Power =0.5 W to 2.5 W) and, immediately after, intraslesional PDL.

There were no complication after treatment and at the 6, 12 and 24 month follow up all area were well healed with no evidence of recurrence. Figure 1 and 2: 1) Nodular basal cell carcinoma of the lower eyelid before treatment, 2) 24 months after treatment.

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Received Date: 28 Aug 2018

Accepted Date: 02 Oct 2018

Published Date: 04 Oct 2018

#### Citation:

Bonciani D, Morini C, Cannarozzo G. Combined Pulse Dye Laser with UltraPulse CO<sub>2</sub> Laser for the Treatment of a Nodular Basal Cells Carcinoma of the Lower Eyelid. Clin Surg. 2018; 3: 2137.

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Figure 1: Nodular basal cell carcinoma of the lower eyelid before treatment.



Figure 2: 24 months after treatment.