

LASERS

## LASER HAIR REDUCTION WITH A TRIPLE WAVE LENGHT DIODE IN FAUN TAIL.

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OBJECTIVE: Our purpose was to evaluate the effectiveness of a triple wavelength diode laser for laser hair reduction in faun tail patients.

METHOD:We evaluated 30 patients with faun tail who wanted to undergo laser hair reduction using a diode laser. We treated them over a period of 15 months, between May 2017 and August 2018, over 6-8 sessions. All patients were treated using a combination of all three wavelengths of 810nm, 940nm and 1060nm. The same parameters of Fluence and Pulse-Width were used in all the patients of the same gender.

RESULT : The results were evaluated on the basis on density, thickness and frequency of hair growth. Out of the 30 patients, we observed a reduction of 80% of hair in 16 patients, 70% of hair in 10 patients and 60% of hair in 4 patients, in the concerned area over 6 to 8 sittings. Out of the 30 patients, 13 were males and 17 were females. The patients were within an age group of 18-40.

CONCLUSION: Spinal hypertrichosis, seen as a discrete patch of sacral terminal hair growth over the lower back is termed a 'faun tail'. It may be generalized or localized and each of these hypertrichosis may be either acquired or congenital. Excess hair on the spine is frequently a marker for underlying spinal dysraphisms such as dermal cyst or sinus, myelomeninggocele, diastematomyelia, vertebral abnormalities or a subdural or extradural lipoma. Faun tails are usually evident by early infancy and appear more frequently in females than in males.

A Triple wavelength Diode laser is effective for laser hair reduction in faun tail without any complications.





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