Laser Treatment for Port Wine Stain Birthmarks

Participants will receive up to 3 treatments scheduled 4-6 weeks apart. Participants must return 1 week after the first treatment for a follow-up visit and 1 month and 3 months after the final treatment for follow-up.

Inclusion Criteria:

- Healthy male & female patients 18-65 years of age
- Have a Port Wine Stain measuring a minimum of 10-15cm^2
- Agrees to return for all follow-up visits
- For females: post-menopausal, surgically sterilized or using a medically acceptable form for birth control for at least 3 months (ie, oral contraceptives, IUD, contraceptive implant, barrier methods with spermicide, or abstinence).

Exclusion Criteria:

- Port Wine Stain located on the lower legs or hands
- Pregnant and/or breastfeeding
- Having an electrical implant anywhere in the body, such as a pacemaker or an internal defibrillator
- Having a permanent implant in the treated area, such as an injected chemical substance in the face (if treated)
- History of diseases stimulated by hear or sun exposure (ie, Herpes Simplex)
- Use of non-steroidal anti-inflammatory drugs 1 week before and after treatment (ie, ibuprofen-containing agents)
- In the past year: have undergone a resurfacing procedure, face lift or eyelid surgery (if Port Wine Stain is located on the face)
- In the past 9 months: have received Botox, collagen, fat injections or other methods of augmentation with injected or implanted material in the treated area (if Port Wine Stain is located on the face)
- In the past 6 months: have received treatment with light, RF, other device or surgery to the area to be treated
- In the past 3 months: have received a facial dermabrasian or chemical peel (if Port Win Stain is located on the face)
- In the past 2 months: use of retinoids, antioxidants or medical grade skin nourishing supplements
- History of keloid scarring or abnormal wound healing
- History of pigmentary disorders, particularly tendency for hyper-or hypo-pigmentation
- Have a history of or currently have a significant skin condition such as active acne, psoriasis, eczema, rosacea, cold sores, etc.
- History of immunosuppression/immune deficiency disorders
- Have a bleeding disorder or are taking an anticoagulation medication one week prior to and during the treatment course
- Having or undergoing any form of treatment for active cancer, or having a history of skin cancer or any other cancer in the areas to be treated
- Any significant illness such as cardiac disorders, diabetes (type I or II) or neurological disorders
- Tattoo or permanent make-up in the treated areas
- Excessively tanned in areas to be treated or unable/unlikely to refrain from tanning during the study