

For Export Only

Lavieen

1927 nm Thulium Fractional Laser

| | |
|-------------|---------------------------------|
| System Type | Thulium |
| Wavelength | 1927 nm |
| Max Power | 10 W |
| Scan Area | 1x1 mm ~ 30x30 mm (1x1 mm step) |
| Dimensions | 279(W)x687(D)x766(H) mm |
| Weight | 30 kg |

Lavieen

1927 nm
Thulium Fractional Laser

The gold standard
of fractional laser



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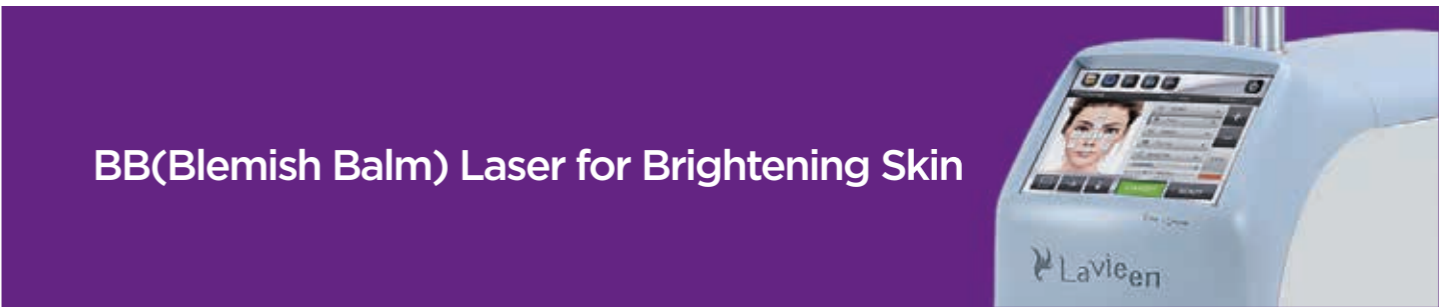
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What is Lavieen?

Lavieen (1927 nm), well known as BB(Blemish Balm) Laser, shows significant brightening outcome. It is a non-ablative skin resurfacing and rejuvenation laser delivering remarkable results with minimal downtime. Moreover, Lavieen is excellent way to treat melasma, pigment lesions, wrinkles, large pore and more by adjustable energy intensity and pulse duration simultaneously during procedure. In order to treat pigmentation on epidermal basal layer, this sub-ablative from Lavieen system(Thulium laser, 1927 nm) would be the best indication because there are lots of melanocyte & melanin on epidermal basal layer.

Indications

| | | |
|------|-------------------------------|------------------------------------|
| Skin | - Epidermal Pigmented Lesions | - Acne Scars |
| | - D-E Junctions Pigmentation | - Fine wrinkles |
| | - Enlarge pores | - Uneven Skin Texture / Coloration |
| | - Hair Loss | |

Principle of Lavieen Treatment

Er:Glass vs Thulium vs CO2

| | | |
|--|---|---|
| <p>non-ablative Er:Glass 1550 nm</p> <ul style="list-style-type: none"> - Thermal effect to dermis - Inducing protein denaturalization - Mainly for skin rejuvenation - Less downtime | <p>non-ablative Thulium 1927 nm</p> <ul style="list-style-type: none"> - Target to the DE junction between epidermis and dermis - Coagulation and denaturalization - Mainly for whitening skin - Less downtime | <p>ablative Co₂ 10600 nm</p> <ul style="list-style-type: none"> - Skin resurfacing and rejuvenation - Longer downtime than non-ablative |
|--|---|---|

Therapeutic mechanism

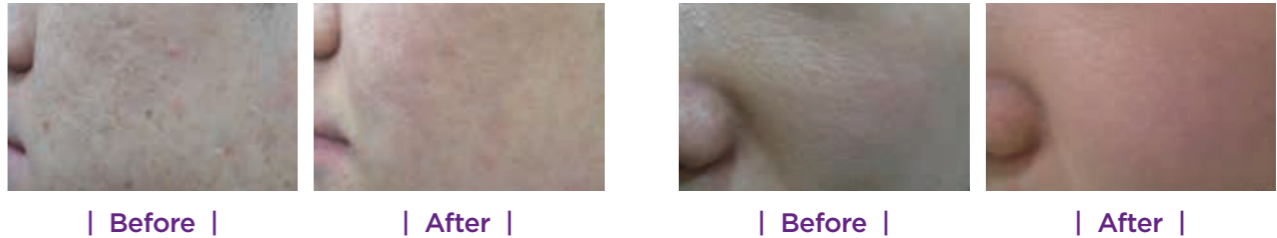
- Target to the DE junction between basal layer and upper dermis
- Fractional laser irradiation
- Ablation of lower part of epidermis with coagulation effect on the upper part of dermis and without damage to the stratum corneum
- Occuring micro crusts at the surface of skin. Crusts will preserve any infection and PIH.

Before & After

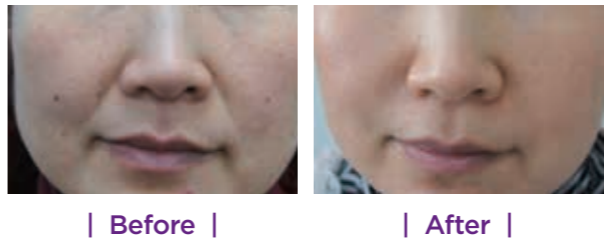
Epidermal melasma



Pores & acne scar



Skin texture



Fine wrinkles

