

World Aesthetix

PicoLaser Treatment Protocol

Primary Indications

Pigmented lesions • Melasma • Tattoo removal • Skin rejuvenation • Acne scars • Photoaging • Uneven tone & texture

Mechanism of Action

PicoLasers use ultra-short picosecond pulses to create a photoacoustic effect rather than primarily thermal injury, minimizing downtime while stimulating collagen remodeling and pigment fragmentation.

Common Wavelengths

532nm – superficial pigment/red tones

755nm – pigment/tattoos/rejuvenation

1064nm – deeper pigment, darker skin types, rejuvenation

Pre-Treatment Guidelines

1 Week Prior: Avoid tanning, retinoids, acids, and excessive sun exposure.

Day of Treatment: Remove makeup/SPF, cleanse skin thoroughly, take baseline photos, and apply topical anesthetic if needed.

Treatment Type	Energy	Frequency	Passes
Pigmentation	Low-Medium	Moderate	1–2
Tattoo Removal	Medium-High	Moderate	1–3
Rejuvenation	Low	High	2–4
Acne Scars	Medium	Moderate	2–3

Treatment Endpoints

Mild erythema, slight edema, audible snapping, immediate frosting for tattoos/pigmented lesions when appropriate.

Recommended Treatment Course

Typically 3–6 sessions spaced 4–8 weeks apart depending on indication and patient response.

Post-Treatment Care

Apply SPF 30+, avoid direct sun exposure, heat, sweating, retinoids, and exfoliants for several days. Keep skin hydrated.

Contraindications

Active infection, open wounds, recent isotretinoin use, pregnancy (provider discretion), photosensitive disorders, or excessive recent sun exposure.

Provider Notes

Always perform consultation and informed consent. Conservative settings are recommended initially, especially for darker skin types.