

ADVANCED LIGHT CARE

• MELANIN-RICH SKIN

• PRECISION

• COMFORT

DPL FOR DARKER SKIN TONES

Advanced control, thoughtful protocols and comfort-focused technology

MELANIN-RICH SKIN DESERVES PRECISION.

Modern Direct Pulsed Light technology can offer a highly controlled, non-ablative approach for many people with darker skin tones. Adjustable pulse delivery, customized settings and active cooling allow trained professionals to manage energy carefully while prioritizing epidermal protection and client comfort.



UNDERSTANDING DARKER SKIN

Darker skin contains more epidermal melanin. Because melanin absorbs light, safe care requires careful control of wavelength, energy, pulse duration and surface temperature.

WHY MODERN DPL FITS

DPL gives the professional several ways to shape light delivery instead of relying on one generalized setting. Protocols can be adapted to the individual, phototype and treatment objective.

SIX ELEMENTS OF A SAFER TREATMENT EXPERIENCE

01

CONTROLLED PULSES

Adjustable pulse structure helps control how quickly heat builds in the skin.

02

TAILORED ENERGY

Conservative fluence can be selected and increased only when clinically appropriate.

03

ACTIVE COOLING

Surface cooling supports comfort and helps manage epidermal temperature.

04

CUSTOM SETTINGS

Parameters can be adapted to phototype, target, area and observed skin response.

05

NON-ABLATIVE CARE

DPL is designed to work without intentionally removing the surface of the skin.

06

PROFESSIONAL OVERSIGHT

Screening, patch testing and visible endpoints keep safety central to the service.

WHAT A SAFE DPL APPOINTMENT SHOULD INCLUDE

- ✓ A complete consultation covering Fitzpatrick type, medication, tanning and pigment history.
- ✓ A conservative patch test before treating a larger area.
- ✓ Appropriate eye protection for both client and practitioner.
- ✓ Device-specific settings selected for the indication and observed skin response.
- ✓ Continuous cooling and observation throughout the procedure.
- ✓ Clear aftercare, including sun avoidance and skin-barrier support.

THE DPL SAFETY ADVANTAGE

Safety comes from control. With the right device, trained operator, conservative protocol and active cooling, DPL can be a comfortable and highly adaptable option for many people with darker skin tones.

PROFESSIONAL NOTE

DPL systems and licensed indications vary. Not every treatment is appropriate for every person or phototype. Use only current device labelling, manufacturer protocols and properly trained professional assessment.

SOURCES

Thaysen-Petersen et al., skin pigmentation, fluence and IPL safety (2017) • Babilas et al., IPL physics and clinical use (2010) • Cosmetic treatments with energy-based devices in skin of colour (2023).

