



OxygenCeuticals

breathe life into your skin

ADF O₂ PLUS⁺

ASTRODOMEFACIAL O₂ PLUS

World's First Dual-Function LED & O₂ Mist Spraying Dome

Optimized Oxygen Concentration Post-Care System

An essential post-procedure platform designed to support recovery, comfort, and skin balance after aesthetic treatments.

01 High-Concentration Oxygen Mist Therapy

50%+ optimized oxygen infusion to activate skin repair, support collagen production, and promote rapid calming and recovery

02 P.O₂ Program

Optimized concentration oxygen inhalation via dome mask to soothe sensitive skin and reduce visible redness

03 LPE (Light Pulsed Energy) Therapy

Targeted care using a precise blend of LED, NIR, and oxygen mist to support healthy skin function without compromising the skin barrier or increasing transepidermal water loss (TEWL)

04 NIR (Near Infrared) Therapy

Deep-penetrating 855nm near-infrared energy to support skin renewal and improve overall skin quality

05 Facial & Scalp Treatment

Simultaneous face and scalp care to cool post-treatment heat and deliver balanced, complete recovery support

06 Automatic Treatment Program

Automated, personalized care for optimal post-treatment support

Demo & Consultation Inquiries

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LPE (Light Pulsed Energy) / NIR Therapy

AstrodomeFacial LED

- Utilizes 3 optimal LED wavelengths for targeted skin care applications
- Developed with a focus on performance, safety, and treatment comfort



RED 630nm

- Dermis & Fascia Care
- Alleviates skin complexion
- Improves skin elasticity



BLUE 465nm

- Epidermis care
- Sensitive skin care
- Skin Trouble & Sebums

Synergic effect of NIR with oxygen mist

- Oxygen mist is paired with NIR to support skin resilience and comfort during and after treatment
- Helps soothe the skin and reduce post-treatment discomfort



VIOLET 465 & 630nm

- Soothes skin after procedure
- Hygiene care
- Face & Scalp Treatment



NIR + OXYGEN MIST

- Deeper penetration up to dermis layer (Max : 6mm)
- Activates mitochondria to generate ATP

COMPARISON

1) Oxygen Mist Therapy

- Delivers oxygen and a essential nutrients
- Oxygen is an essential element for collagen synthesis and reepithelialization.

2) Closed Dressings

- Polyurethane foam dressing.
- Complete within 7~10 days.
- Opaque (evaluation is difficult)

Comparison of average values between oxygen mist therapy and closed dressing during 5 days after procedure

Parameter	Oxygen Mist	PUF Dressing ¹⁾	Mean difference	Paired t-test
Acne	0.06	0.06	0.00	1.00
Crusting	1.04	1.83	-0.80	0.04
Erythema	2.31	2.30	0.02	0.92
Scarring	0.11	0.15	-0.04	0.53

※ The greater minus value, the better Oxygen mist therapy effect

1) PUF : Polyurethane foam



A) Oxygen Mist therapy

B) PUF (polyurethane foam)

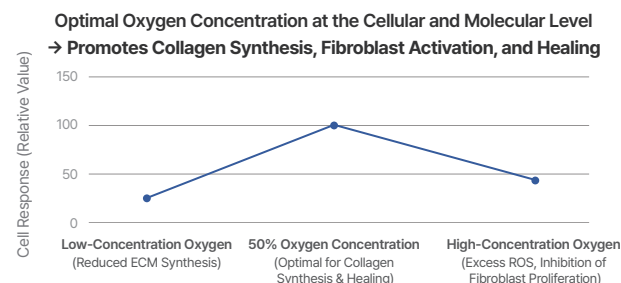
Reference thesis: Occlusive Dressing versus Oxygen Mist Therapy Following CO2 Laser Resurfacing / Teri Onouye, BA,* Gregg Menaker, MD, † Mary Christian, MD, ‡ and Ronald Moy, MD ‡ *University of California, San Francisco, San Francisco, California, † Department of Dermatologic Surgery, Massachusetts General Hospital, Boston, Massachusetts, and ‡ Division of Dermatology, University of California, Los Angeles, West Los Angeles VA Medical Center, Los Angeles, California

CONCLUSION (Benefits)

- ① Reduced Crusting
- ② No Confined Feeling
- ③ Oxygen Mist Protocol Preferred
- ④ Improved Pain Alleviation
- ⑤ Wound Monitoring
- ⑥ 40% Faster Wound Healing if no Scabbing

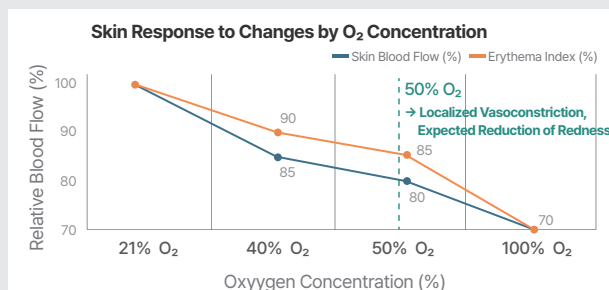
Reference thesis : Gregg Menaker, MD, University of California, Department of Dermatologic Surgery, Massachusetts General Hospital, VA Medical Center

Optimal Oxygen Concentration for Fibroblast Proliferation and Collagen Synthesis



Source : Zoneff, Elizabeth, et al. "Controlled Oxygen Delivery to Power Tissue Regeneration." Nature Communications, vol. 15, 2024, Article 4361.

Relief of Redness and Local Healing Effects through Mist Spray



Source : Yamazaki, Fumio. "Hyperoxia Attenuates Endothelial-Mediated Vasodilation in the Human Skin." The Journal of Physiological Sciences, vol. 57, no. 1, 2007, pp. 81-84.

*This reference material is intended to help consumer understanding, based on the general physiological actions of oxygen.