

MATRIX PRO



“ *One Device to Launch
6 High-Profit Service Lines* ”

○ Save Chair Time

Cut 15 minutes of daily chairside work to accept more patients daily

○ Diversify Service Menu

All-in-one solution for aesthetics, implantology, periodontics & general dentistry

○ High Marginal Returns

Generate substantial monthly net profit
low entry cost via lease-to-own plans

*New Standard of Minimally, Invasive Treatment
New Profit Driver for Your Clinic*

FACIAL AESTHETIC RESURFACING SOLUTION



Core Advantages

The 10,600nm fractional super-pulsed CO₂ laser outputs micro-ablative, ablative and non-ablative energy to stimulate natural collagen regeneration reversing facial, neck and hand photoaging.

Treatment Effects

- Natural, instant and long-lasting skin improvement
- Collagen remodeling tightens skin sustainably
- Most patients see obvious tone & texture upgrades for months post-treatment

Clinical Features

- Customizable parameters for all skin issues
- Targets fine lines, acne scars, pores, pigmentation and stretch marks
- Minimally invasive handpiece with nearly zero downtime
- Adjustable energy density & penetration depth for balanced safety and efficacy



Treatable Skin Conditions

Skin rejuvenation, dyschromia, wrinkles, enlarged pores, acne & surgical scars, stretch marks photo-damaged skin, nevi, warts and superficial lesions

*Compliance Tip: Operators must follow local training and regulatory standards.

CLINIC PROFIT CALCULATION

MONTHLY RETURN ON INVESTMENT OF THE LASER

A premium CO2 laser optimizes soft tissue management, simplifies complex clinical cases, creates new revenue streams via minimally invasive procedures, and boosts clinic profitability.

Core Value: Significantly reduce chairside working hours for clinicians. Saving 15 minutes daily equals an extra 5 hours of appointment time per month. At a billing rate of \$500 per hour, this generates an additional \$2,500 in revenue monthly.

Monthly Revenue Breakdown: General Dentistry Procedures

CDT Code	Treatment Description	Per-Case Charge	Monthly Patient Volume	Total Monthly Income
D7410	Aphthous ulcer management	\$75	2	\$150
D7410	Distal & proximal wedge resection	\$644	1	\$644
D4274	Excisional tissue biopsy	\$650	1	\$650
D7411	Fibroma removal surgery	\$600	2	\$1,200
D7960	Soft tissue frenectomy	\$425	2	\$850
D7465	Therapy for herpes labialis lesions	\$414	1	\$414
D4211	Gingivectomy for 1–3 teeth	\$264	3	\$792
D4211	Resection of leukoplakia, lichen planus & mucocelles	\$500	3	\$1,500
D7280	Surgical exposure of impacted teeth	\$460	2	\$920
D7971	Operculectomy for pericoronal tissue	\$241	2	\$482

*Total Revenue from General Dentistry: \$7,602

Facial Aesthetics Monthly Revenue

Services: Full-face, hand & upper-lip rejuvenation
\$1,500 per session, 6 patients monthly → \$9,000

Profit Summary

- Total monthly incremental revenue: \$30,458
- Monthly lease-to-own payment: \$975
- Net monthly profit growth: \$29,483

Notes:

- * Charges and patient volume vary by clinic location.
- * Lease cost changes with laser configuration and market interest rates; full ownership transfers after lease ends.

Monthly Income Breakdown: Periodontal Services

Treatment Item	Single-Case Fee	Monthly Cases	Total Monthly Revenue
Sterilization of periodontal pockets	\$85	20	\$1700
Subgingival debridement for 1–3 teeth	\$602	8	\$4,816
Comprehensive periodontal surgery & peri-implantitis care	\$960	4	\$3,840

*Total Revenue from Periodontal Treatments: \$10,356

*Combined General & Periodontal Monthly Revenue: \$21,458

LASER-ASSISTED IMPLANT DENTISTRY

General Surgical Benefits

Minimally invasive design delivers bloodless surgical fields, clear vision, less post-op swelling & pain, and faster healing.

It supports mid-crestal, vertical release and intrasulcular incisions for immediate implant prep, implant uncovering and soft tissue contouring.



Implant Uncovering Surgery

Ultra super-pulsed laser creates precise 150µm incisions while protecting surrounding soft tissue. The 10,600nm wavelength reflects fully off metal implants for maximum safety.

Key perks: Immediate impression taking, ideal emergence profile shaping, less post-op discomfort.

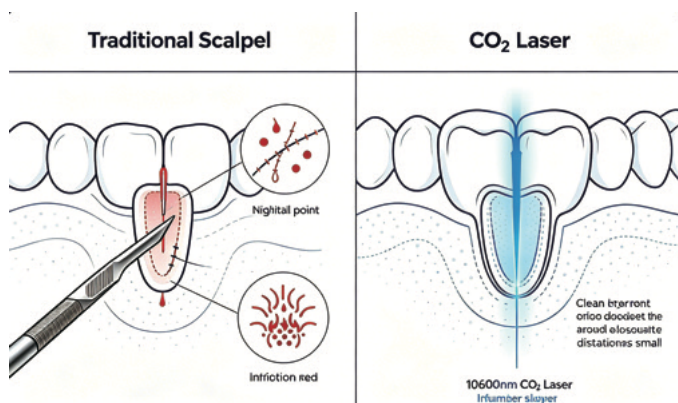
Soft Tissue Sculpting Merits

Preserve keratinized gingiva

minimal swelling

suture-free

accelerate bone regeneration for immediate implants



Advantages Over Traditional Scalpels

1. Bloodless vision
2. shorter surgery time
3. simultaneous disinfection
4. less inflammation and scarring
(unique 10,600nm wavelength feature)

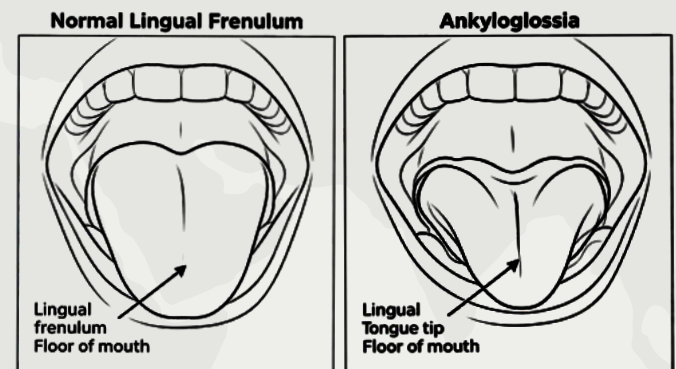
Peri-Implantitis Therapy

Rescue failing implants without extraction or bone grafting; selectively remove granulation tissue, fully decontaminate implant surfaces without fixture damage, and boost hard & soft tissue regeneration.

LASER-ASSISTED LINGUAL FRENECTOMY ANKYLOGLOSSIA TREATMENT (LALFT)

Advantages of CO₂ (10,600 nm) Laser Therapy for Ankyloglossia

Ankyloglossia (tongue-tie) restricts tongue mobility. An abnormally short, thick or tight lingual frenulum tethers the tongue tip to the floor of the mouth. Severe tongue-tie in newborns often leads to poor breastfeeding and insufficient milk intake. Lingual frenectomy (tongue-tie release) is proven effective to resolve such feeding difficulties.



Traditional scalpel surgery has clear limitations: bleeding impairs surgical visibility, causes scarring, and usually requires sutures and dressings. It brings higher risks of postoperative infection, edema and discomfort.

Electrocautery is contraindicated for patients with pacemakers. Its thermal injury also delays wound healing.

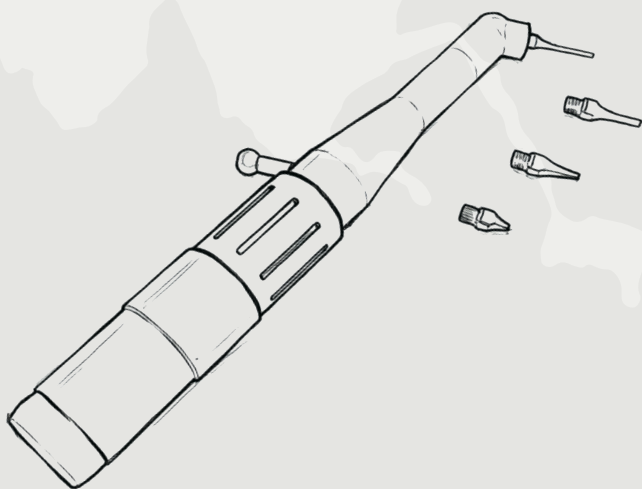
Unique Advantages of 10,600 nm CO₂ Laser

The 10,600 nm CO₂ laser features special tissue absorption characteristics. It enables precise cutting while sealing blood and lymphatic vessels for stable hemostasis.

It reduces scar formation, typically without sutures or dressings, lowering infection risk and postoperative discomfort.

Key Clinical Benefits

- ★ Precise incision with controllable width & depth
- ★ Durable hemostasis
- ★ Excellent surgical visibility
- ★ Less postoperative edema
- ★ Reduced postoperative discomfort
- ★ Minimal scarring
- ★ Accelerated healing
- ★ No dressings required
- ★ No sutures needed



¹ Messner AH, Lalakea ML, Aby J, et al. Ankyloglossia: incidence and associated feeding difficulties. Arch Otolaryngol Head Neck Surg 2000; 126:36–9.

² Ballard JL, Auer CE, Khoury JC. Ankyloglossia: assessment, incidence, and effect of frenuloplasty on the breastfeeding dyad. Pediatrics 2002;110:e63

LASER-ASSISTED PERIODONTAL THERAPY (LAPT)

A minimally invasive alternative to traditional periodontal surgery.

Controllable penetration depth removes diseased tissue and sterilizes pockets without flap surgery for most cases.



Clinical Benefits

Reduce probing depth, bleeding, bacteria and biofilm; promote connective tissue reattachment and alveolar bone regeneration. Backed by decades of evidence-based research.



Exclusive De- Epithelialization Tech

Blocks apical epithelial migration to reserve time for natural bone and tissue repair.



Overall Value

High patient acceptance, simplified operations, and a powerful tool to expand clinic service income.

CO2 LASER LINGUAL FRENECTOMY FOR ANKYLOGLOSSIA

Condition Overview

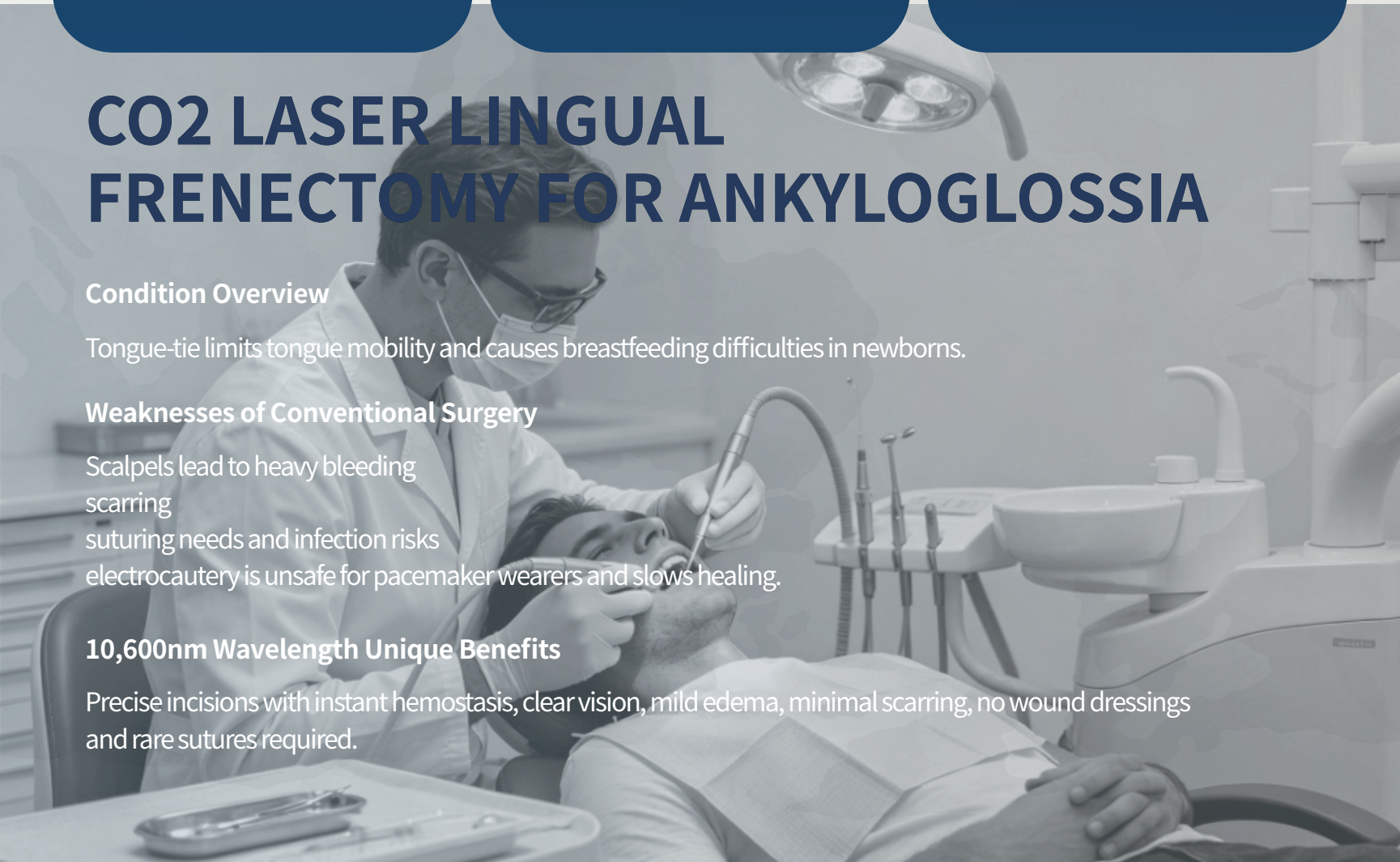
Tongue-tie limits tongue mobility and causes breastfeeding difficulties in newborns.

Weaknesses of Conventional Surgery

Scalpels lead to heavy bleeding
scarring
suturing needs and infection risks
electrocautery is unsafe for pacemaker wearers and slows healing.

10,600nm Wavelength Unique Benefits

Precise incisions with instant hemostasis, clear vision, mild edema, minimal scarring, no wound dressings and rare sutures required.



LASER TECHNICAL PRINCIPLE & WAVELENGTH COMPARISON

Core Theory: Selective Photothermolysis

Water accounts for 90%–95% of soft tissue and acts as the main target chromophore for laser energy absorption.

Wavelength Comparison

CO2 10,600nm:

98% water absorption, 0.1mm precise penetration, full light energy for cutting & coagulation, fully reflected by implants for safe peri-implant treatment.

Erbium 2940nm:

Highest water absorption yet no residual heat for hemostasis, causing heavy intraoperative bleeding.

Nd:YAG / Diode Lasers:

Low water absorption, uncontrolled 2–4mm penetration; fiber tip carbonization is required, leading to poor precision and tissue charring risks.

Key Hardware Configurations

Articulated Arm Beam Delivery: Stable energy output without loss for consistent surgical precision.

Proprietary Ultra Super-Pulse Tech: Confine thermal damage only to target zones and protect healthy tissue.

FULL TREATMENT SCOPE

- ★ General Dentistry: Incision, excision, coagulation, frenectomy, gingivectomy, biopsy, fibroma removal, impacted tooth exposure, mucocele & leukoplakia treatment etc.
- ★ Periodontal Therapy & Surgery
- ★ Oral & Maxillofacial Surgery
- ★ Implant Surgery
- ★ Peri-implantitis Treatment
- ★ Facial Aesthetic Procedures



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