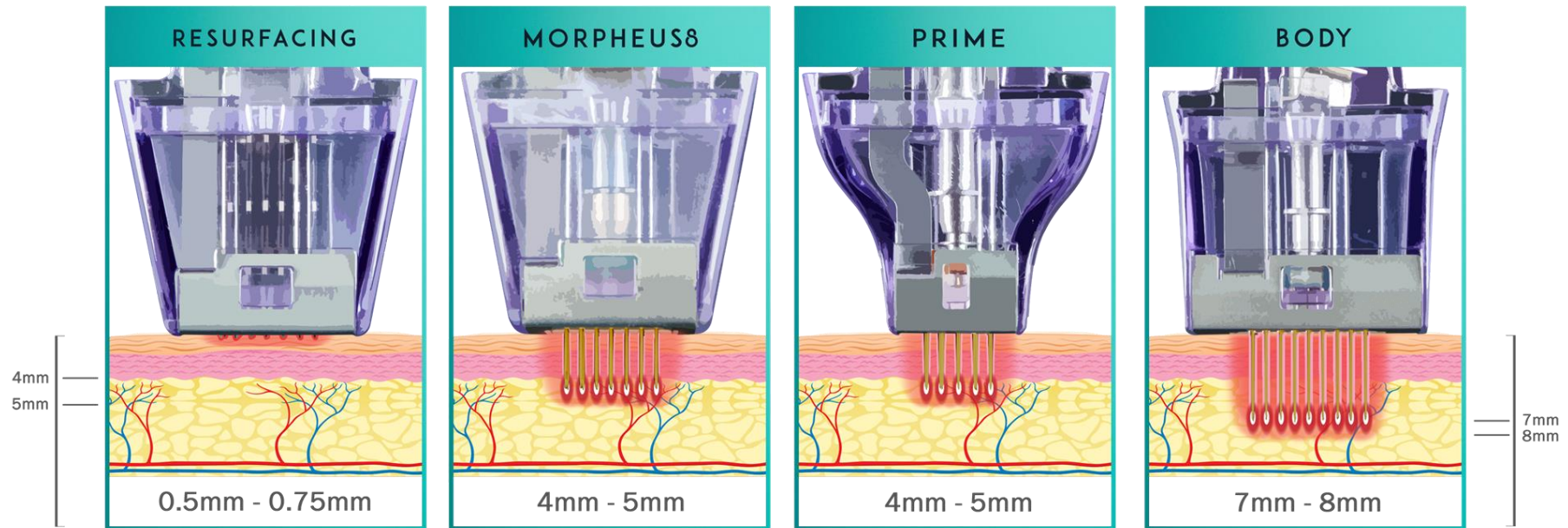




MORPHEUS 8

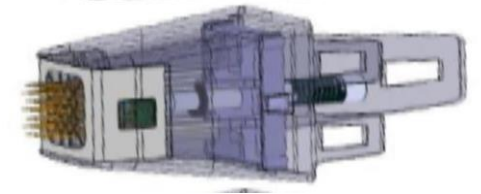
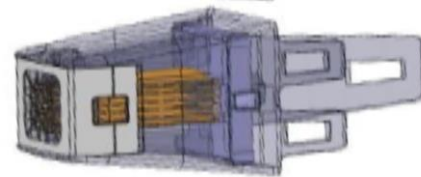
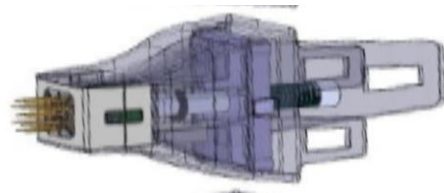
by INMODE

Morpheus8

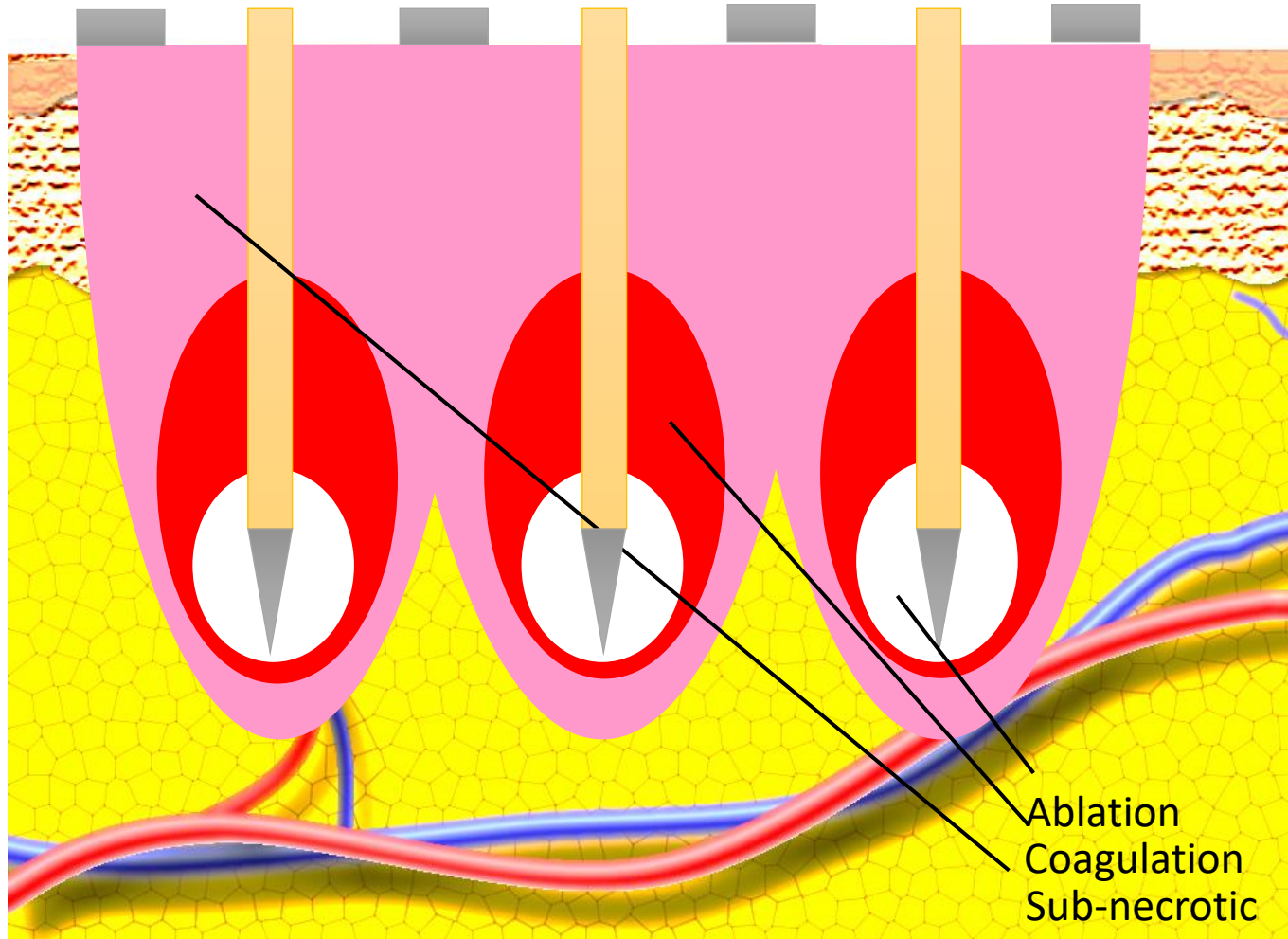


MORPHEUS8 TIPS

Morpheus8 Body (40pin)	Morpheus8 Prime (12-pin)	Morpheus8 Resurfacing (M8R)	Morpheus8 (24-pin)
Length 1,2,3,4,5,6,7mm Fixed/Cycle/Burst mode	Length 1, 2, 3, 4 mm Fixed/Cycle mode	Length 0.5mm Fixed/Cycle mode	Length 1, 2, 3, 4 mm Fixed/Cycle mode
Additional 1 mm Heat Profile	Additional 1 mm Heat Profile	Additional 0.25 mm Heat Profile	Additional 1 mm Heat Profile
Computerised Treatment Depth	Computerised Treatment Depth	Fixed Length	Computerised Treatment Depth
Insulated with 0.5mm Conducted Tip	Insulated with 0.5mm Conducted Tip	0.5mm Conducted Tip	Insulated with 0.5mm Conducted Tip
Data not available yet	1-3 Sessions	3-6 Sessions	1-3 Sessions
Weeks Between Sessions 3-6	Weeks Between Sessions 3-6	Weeks Between Sessions 3-6	Weeks Between Sessions 3-6
2- 5 Days Down time(erythema) Grid marks may last up 4 weeks	2-5 Days Downtime	1-5 Days Downtime	2-5 Days Downtime
High density with deep tx depth designed for body tx especially cellulite	Small tips specifically designed for subdermal and dermal remodeling of periorbital and perioral areas	Epidermis and dermis fractional resurfacing	Subdermal and dermal remodeling through fractional coagulation and bulk heating



MORPHEUS8 – Fractional RF - HOW IT WORKS



- Energy is applied between needle and external electrode placed on the skin surface
- Triple effect
 - Ablation
 - Coagulation
 - Bulk heating
- Large volume of tissue is effected
 - Large contraction zone
 - Full thickness sub-necrotic heating

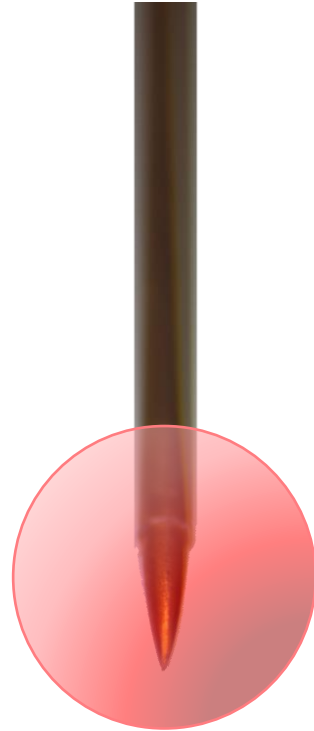
Coagulation zone was calculated as volume where temperature is above 50°C in the end of the RF pulse

COAGULATION ZONE AROUND THE NEEDLES

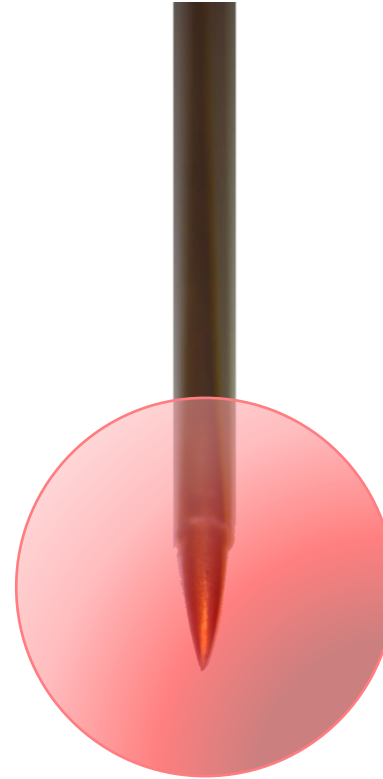
Energy level – 5
Coagulation – 750um
Area coverage – 4.7%



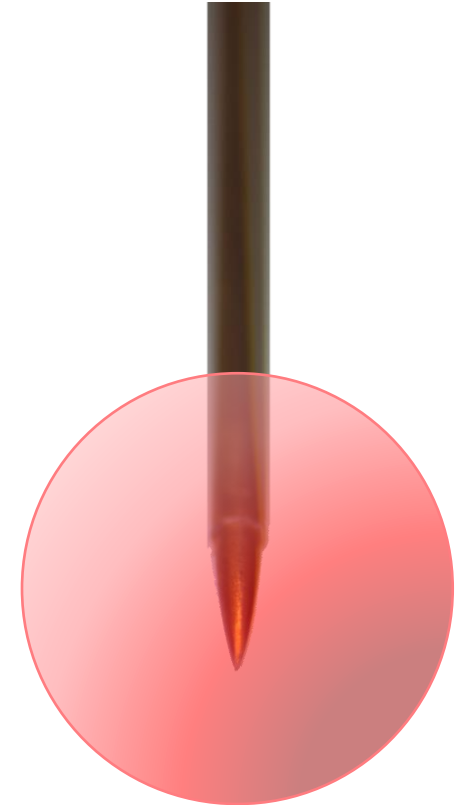
Energy level – 20
Coagulation – 1060um
Area coverage – 9.5%



Energy level – 40
Coagulation – 1260um
Area coverage – 13.4%



Energy level – 60
Coagulation – 1400um
Area coverage – 16.4%



TREATMENT

CONSULTATION

1. Identify areas of **concern/Indications** for the patient
2. Discuss **medical history**, medications to ensure suitability for procedures on offer
3. Discuss treatment recommendations and **expectations**
4. Explain **what to expect** (skin prep/sensations/discomfort/pain relief)
5. Explain **post care** requirements/ **downtime**

FAQ

Will the treatment hurt ? *You will experience heat and pressure from the needles being inserted into your skin, some areas may feel more sensitive than others. The treatment is customizable allowing the RF energy or depth to be altered to ensure comfort*

How many treatments are required ? *Approx. 3 treatments are recommended followed by maintenance, individual treatment plans will be created specific to patient concerns*

Will I have down time ? *Depending on the area of the body, your circulation and skin sensitivity/ thickness... You will experience mild – moderate erythema and micro scabs. 0.5mm – 1mm will result in more micro scabs 'grid pattern' this will resolve with in approx. 2 weeks on the face and 6-8 weeks on the body. 2mm – 7mm will result in heat deeper down in the skin so more swelling may be noted. Body treatments will take longer to heal.*

What areas can you treat ? *Refer to the table on page 11 – most common areas are face, neck, scars, abdomen, thighs*

PRE-TREATMENT CONSIDERATIONS

- Ensure patient has followed the pre treatment instructions
- Cease using strong actives / anticoagulants if medical possible etc.
- Ask patient to come in with clean skin without creams/ make up/ oils
- Consult and consent
- Take before and after photos
- Recap expected sensation/ down time etc.
- Remove topical and clean skin with alco/ chlorhexidine
- Remove gamma sterilized tip for pouch and attach to M8 Handpiece

CONTRAINDICATIONS

- Active electrical implant/device in any region of the body - Pacemaker or internal defibrillator.
- Superficial metal or other implants in the treatment area.
- Current or history of skin cancer, or current condition of any other type of cancer, or pre-malignant moles.
- History of any kind of cancer *
- Severe concurrent conditions, such as cardiac disorders.
- Pregnancy and breastfeeding.
- Impaired immune system due to immunosuppressive diseases such as AIDS and HIV, or use of immunosuppressive medications.
- Patients with history of diseases stimulated by heat, such as recurrent Herpes Simplex in the treatment area, may be treated only following a prophylactic regimen.
- Poorly controlled endocrine disorders, such as Diabetes.

CONTRAINDICATIONS, CON'T.

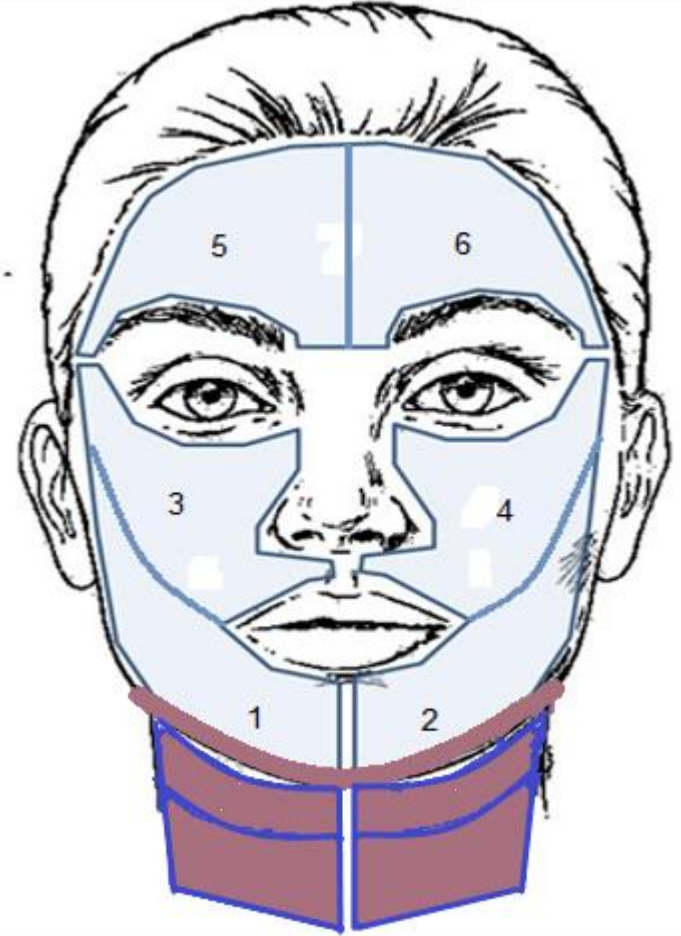
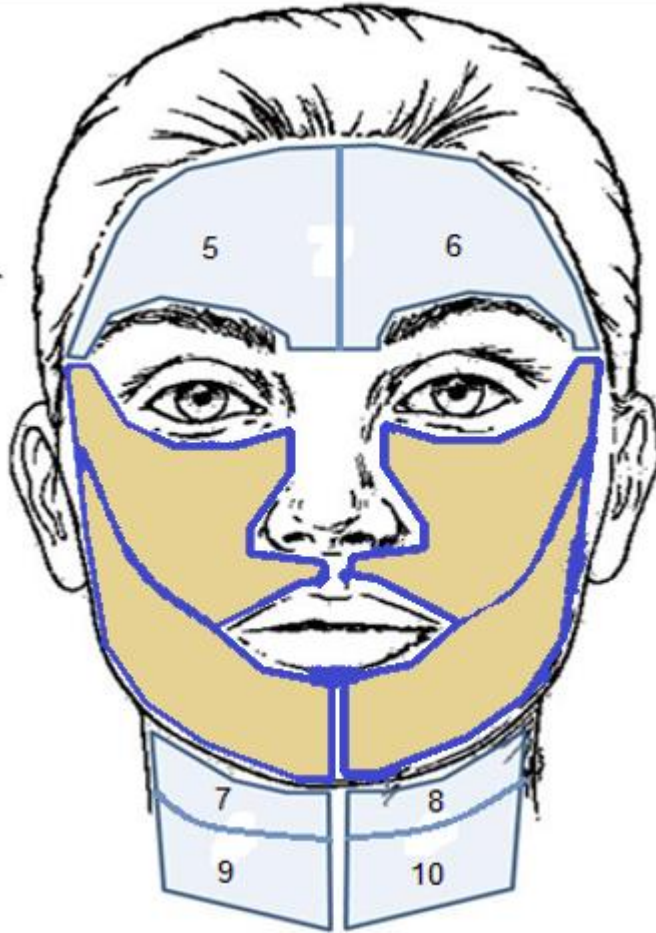
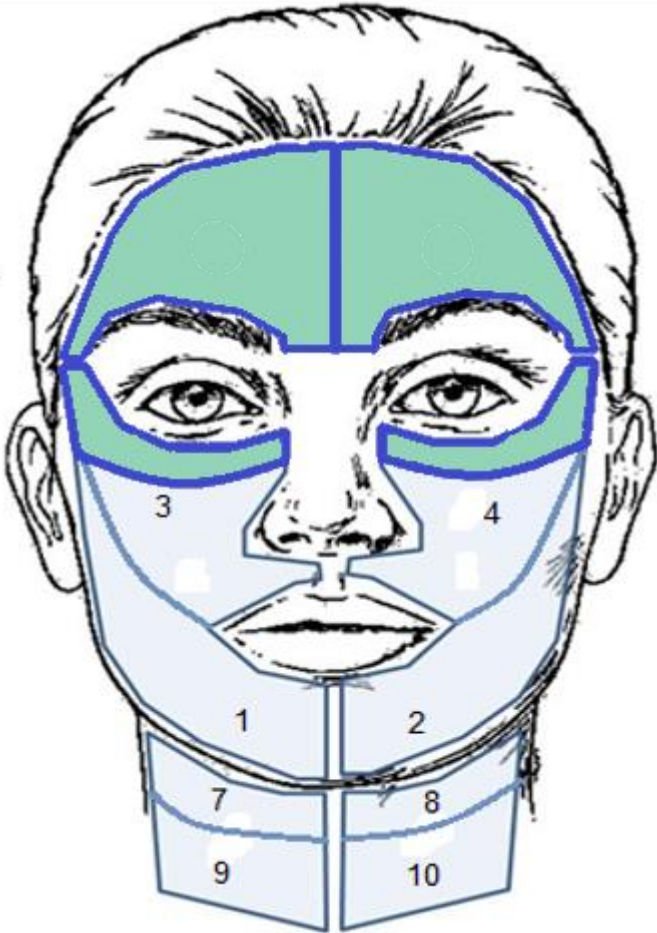
- Any active condition in the treatment area, such as sores, psoriasis, eczema, and rash.
- History of skin disorders, keloids, abnormal wound healing, as well as very dry and fragile skin.
- History of bleeding coagulopathies or use of anticoagulants except for low-dose aspirin.
- Use of medications, herbs, food supplements, and vitamins known to alter healing within the last two weeks or Isotretinoin (Accutane) within last 6 months. *
- Facial laser resurfacing and deep chemical peeling within the last three months, if face is treated.
- Any surgical procedure in the treatment area within the last three months or before complete healing.
- As per the practitioner's discretion, refrain from treating any condition which might make it unsafe for the patient.
- Recent injectables (2 weeks wrinkle relaxer / 3 month Filler for deep treatments)

()Marked conditions may be treated at the discretion of, and under the full responsibility of the medical director/physician, although not recommended. In such a case, a small area should be treated and assessed a few days later to determine if the patient will tolerate the treatment without developing adverse effects*

Indications – table

Indications	Tip	Function
Laxity (neck/face)	24 pin or resurfacing	Produce new collagen / tighten/ firm/ lift
Submental Fat	24 Pin	Smooth & mound fat/ tighten
Lines and wrinkles (neck/ Face)	24 Pin / resurfacing	Produce new collagen / tighten/ firm
Perioral Lines	12 / 24 pin	Produce new collagen / tighten/ firm/lift
Periorbital Lines and wrinkles	12 / 24 pin	Produce new collagen / tighten/ firm/ lift
Open pores	24 pin or resurfacing	Tighten/ refine pores / skin texture
Acne	24 Pin	Reduce inflammation/ scarring/ kill bacteria
Acne Scarring	24pin or resurfacing	Remodel scars/ produce new collagen
Stretch marks	24 pin/ 40 pin /resurfacing	Improve skin texture/ rebuild/ new collagen
Cellulite	24/ pin / 40 pin	Remodeling of the FSN
Surgical scars	12 pin	Remodel/ smooth/ lighten
Hyperhidrosis	24 pin	Suppress sweat glands

Treatment protocol



Indications Treatment Areas	Pin	Needle Depth	Energy Levels	Mode	No. of Passes	Remarks
Forehead	24	2mm	20-25	Cycle	1	Use 1mm only (2 passes) for very thin skin if tip tends to be pushed away from skin when using 2mm at test spot
		1mm	10-15	Cycle	1	
Periorbital	24 or 12	3mm	15-25	Fixed (2 stacking)	1-2	Be mindful of superficial vessels / veins
		2mm	15-20	Cycle	1-2	Please note 3mm will not be suitable for all patients
		1mm	10-15	Cycle	1	
Midface	24	3mm	30-45	Fixed (2-3 stacking)	2-3	Use low energy in skin fits 3 and higher when using 1mm Reduce energy for 20% on bony area with thin skin (e.g. cheekbone) 3mm can be used until you feel resistance of the springs / pinch skin to assist with contact
		2mm	20-35	Cycle	1-2	
		1mm	10-15	Cycle	1	
Lower Face (Jowls)	24	3mm	30-45	Fixed (2-3 stacking)	2-3	Use low energy in skin fits 3 and higher when using 1mm Reduce energy for 20% on bony area with thin skin (e.g. mandible)
		2mm	20-35	Cycle	1-2	
		1mm	10-15	Cycle	1	
Submental (Double Chin)	24	4mm	30-45	Fixed (2-3 stacking)	2-3	4mm should be used only if 2cm pinch test is positive (chin or buccal fat) 2mm is optional for texture improvement Please note that neck has less sebaceous glands therefore slower healing.
		3mm	25-35	Fixed (2-3 stacking)	2-3	
		2mm	20-25	Cycle	1	
Neck	24	3mm	25-35	Cycle	1-2	Use 1mm only on Skin types 1-3 Please note that neck has less sebaceous glands therefore slower healing.
		2mm	20-25	Cycle	1-2	
		1mm	10-15	Cycle	1	

MORPHEUS 8 MODES

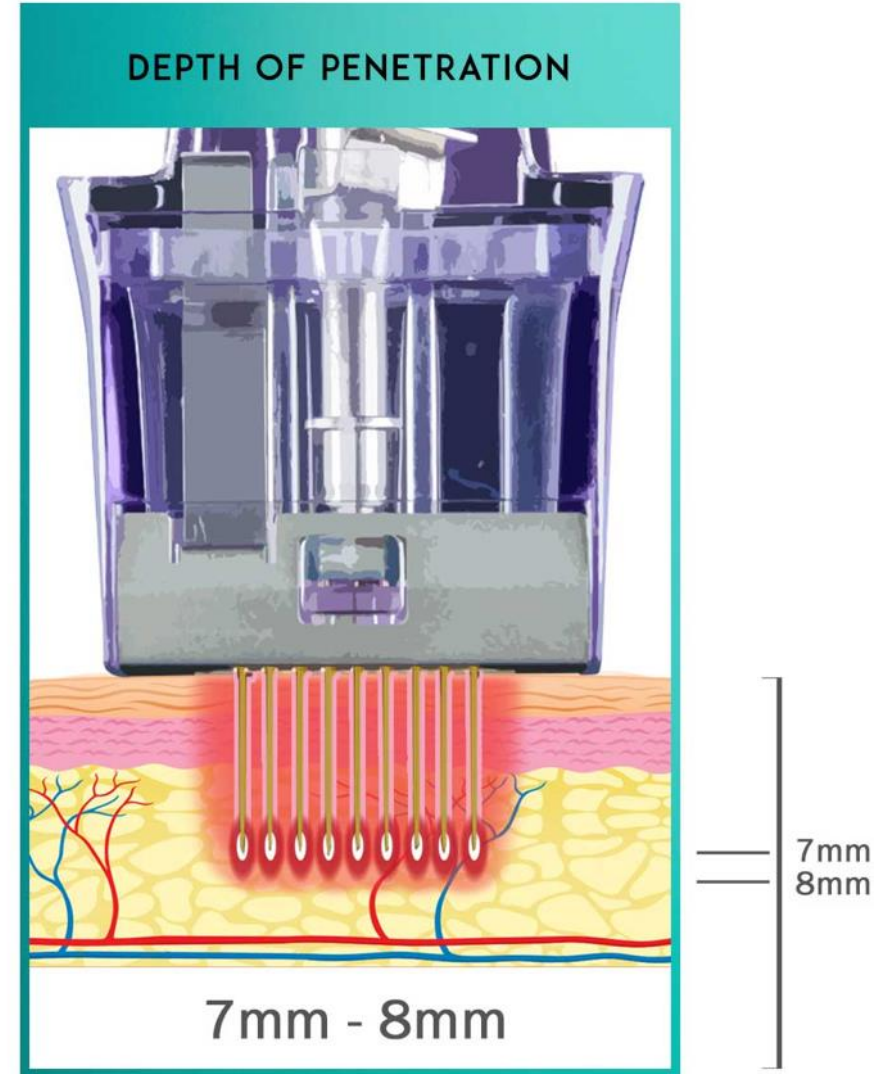
Cycle Mode - Pins penetrate and retract from the tissue with every pulse. The Tip is moved to next site with overlap.

Fixed Mode - Pins are continuously deployed at programable depth when footswitch is activated. The pins retract back, and energy delivery terminates once the footswitch is released. It can be used for stacking of pulses.

Burst Mode- Is applicable to Morpheus8 Body tip ONLY in 2-3 consecutive depths, one pulse per depth:

- At 7mm setting, pulses are emitted at 7, 5, and 3mm
- At 6mm setting, pulses are emitted at 6, 4, and 2mm
- At 5mm setting, pulses are emitted at 5, and 3mm
- At 4mm setting, pulses are emitted at 4, and 2mm

THE MORPHEUS8 BODY TIP



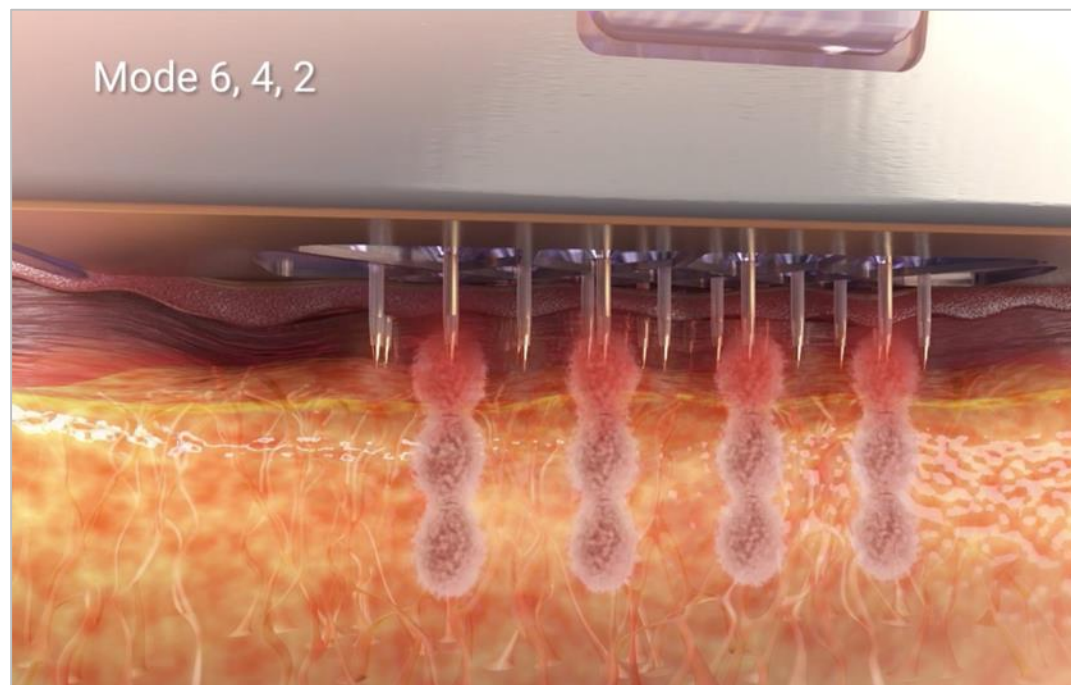
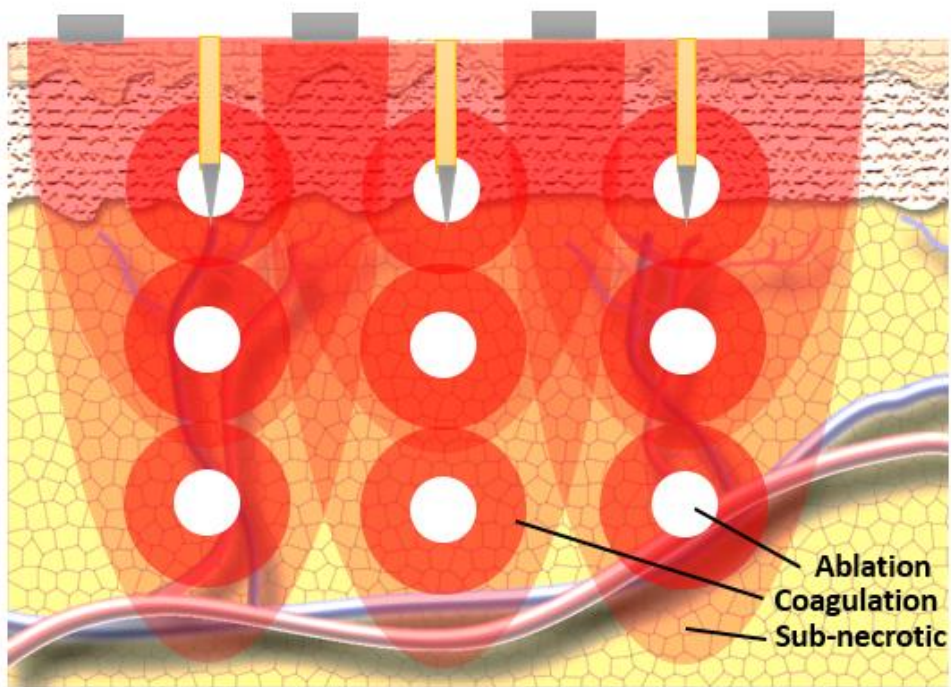
BURST MODALITY RF VULCANIZATION TECHNOLOGY

- Unique **proprietary** RF technology
- Fibro Septal RF mediated vulcanization technology creates **Fibro Septal Network (FSN) bracing** which results in strengthening of overall skin-adipose scaffold
- RF vulcanization process **forms cross links** between long collagen fiber molecules in a stratified preselected depth range
- RF thermal zone created by fractional bipolar RF is not limited to the reticular dermis, but **penetrates deeper into the FSN scaffold** leading to **increased buttressing of the entire dermal adipose interface**
- **3-step RF Vulcanization Process: Charge, Mold, Weave**

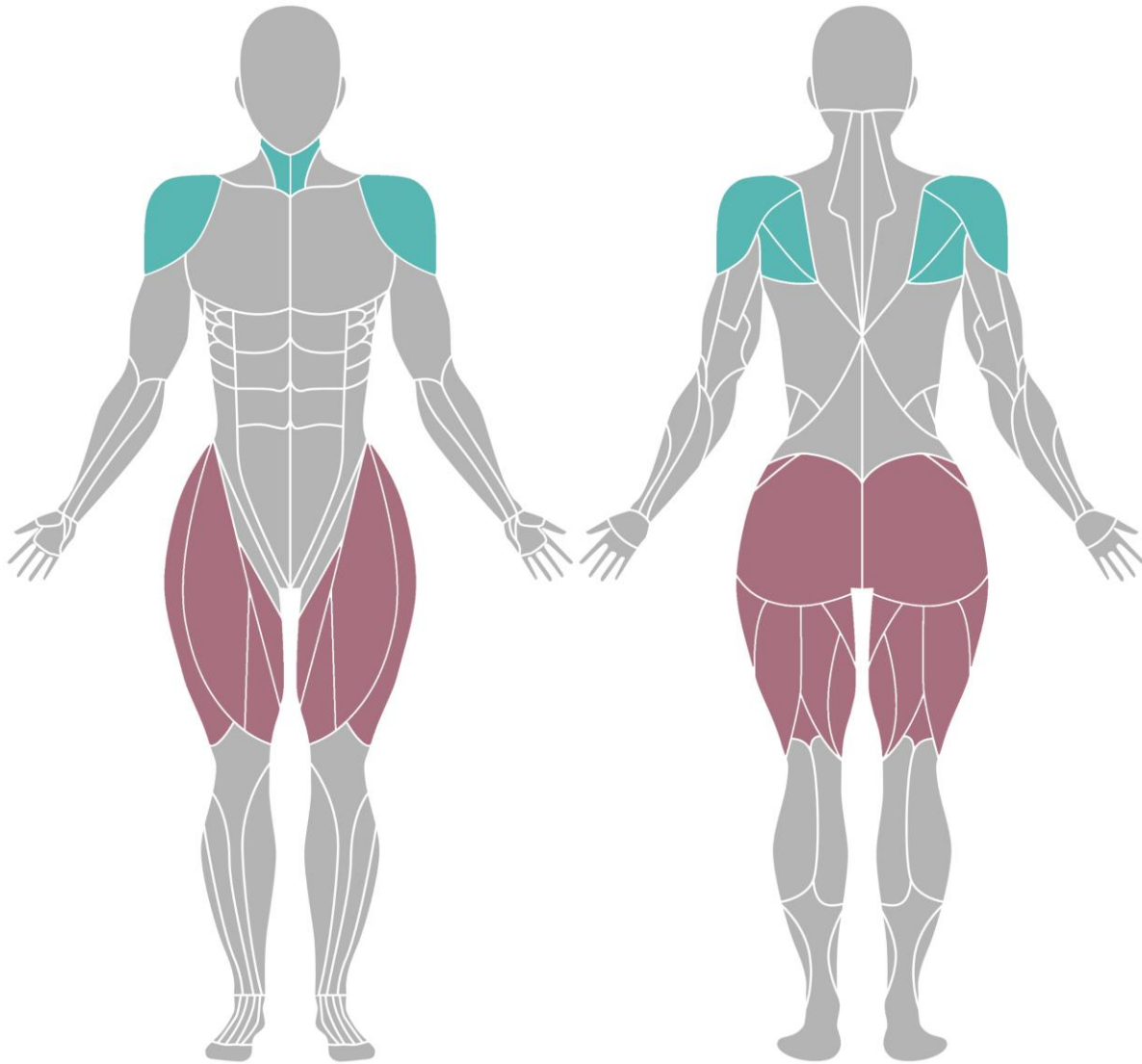


burst

TECHNOLOGY



BODY & BURST MODE



Burst Mode- Is applicable to Morpheus8 **Body tip ONLY** in 2-3 consecutive depths, one pulse per depth:

At 7mm setting, pulses are emitted at 7, 5, and 3mm

At 6mm setting, pulses are emitted at 6, 4, and 2mm

At 5mm setting, pulses are emitted at 5, and 3mm

At 4mm setting, pulses are emitted at 4, and 2mm

Indications Treatment areas	Pin number	Depth	Energy Levels	Mode	Protocol
Abdominal Laxity	40	4-5 mm	20-30	Fixed (x2 stack)	X1 pass
		2-3 mm	20- 30	Cycle	1 pass
Abdominal laxity & adipose remodelling	40	7/5/3	20 – 30	Burst	1-2 Passes
		6-7mm	30- 40	Fixed (x2 stack)	1 pass
		2-3mm	20 - 30	Cycle	1 pass
Cellulite (buttocks)	40	7/5/3	20 – 30	Burst	1-2 Passes
		6-7mm	30- 40	Fixed (x2 stack)	1 pass
		2-3mm	20 - 30	Cycle	1 pass
Cellulite (Banana Roll)	40	6/4/2	25 – 35	Burst	1-2 passes
		5-6mm	25- 35	Fixed (x2 stack)	1 pass
		3-2 mm	20-30	Cycle	1 pass
Cellulite Thighs < 1cm body fat	40	6 mm	20 – 30	Fixed (x2 stack)	1 pass
		2-3mm	15-25	Cycle	1 pass
		5/3 mm	20 – 30	Burst	1-2 pass
Cellulite Thighs >1cm body Fat	40	7/5/3	20 – 40	Burst	1-2 passes
		7 mm	30-40	Fixed (stack)	1 pass
		5/3	20-30	Burst	1-2 passes
Arms Laxity > 1cm Body fat (< 1cm fat do not exceed 4 mm)	40	5/3	20 – 30	Burst	1-2 passes
		5mm	30-40	Fixed (x2 stack)	1 pass
		2-3mm	20-30	Cycle	1 pass
Arm Cellulite	40	5/3	20-30	Burst	1-2 passes
		5mm	30-40	Fixed (x2 stack)	1 pass
		2-3mm	20-30	Cycle	1 pass
Upper Knees > 1cm body fat	40	6/7mm	25 – 35	Fixed (x2 stack)	1 pass
		2-3 mm	20-30	Cycle	1 pass

IMPORTANT NOTES

TREATMENT GUIDELINES

- Apply the handpiece **perpendicular** to the treated area, with **complete contact** and firm **pressure**. To improve coupling between the skin and the tip, stretch skin on very soft tissue or pinch on bony or thin skin areas.
- Do not slide tip over the treatment area to avoid skin scratching. Make sure to lift and place the tip for complete placement and apply pressure before pulsing.
- Ensure that the patient is **steady** during the procedure. Provide additional support with towels or pillows.
- Use extra caution on **bony areas**: reduce the energy levels, use 1 and 2mm depth settings. Exclude zones with extremely thin skin and high curvature such as upper part of the forehead or temples, as applicable.
- Move the handpiece to the adjacent area with overlap of approximately 30-50%.
- **Stacking** with 1-2 additional pulses may be triggered at the same site in Fixed Mode.

- **Stacking** with 1-2 additional pulses may be triggered at the same site in Fixed Mode. However, **DO NOT** stack pulses in superficial treatment by Morpheus8 T tip and at 1mm depth of other tips. Refrain from stacking on bony areas such as forehead, periorbital, jawline, etc.
- If gaps are visible after the full area treatment, they may be re-treated immediately.
- Occasionally, additional 1-3 **passes** are necessary to optimize results. Wait until the full area is treated before attempting additional pass, allowing for a delayed response. An additional pass may be applied in a different direction to the previous pass/passes, to ensure complete area coverage.
- Acceptable **endpoints** are minimal to substantial erythema and edema, often accompanied by tingling heat sensation. Minor pin-point bleeding is occasionally observed.
- **Clean** the tip, as well as patient's skin with clean dry gauze frequently to remove cell debris, blood or sweat.
- Cleaning of pins every **~200** pulses with alcohol 70%-soaked pads stretched over the tip will improve coupling and reduce the risk of arcing of RF energy. Cleaning the tip ensures long, homogeneous performance!
- Recommended number of pulses per tip should not exceed **1500** to assure pins' cleanliness/sharpness!

POSTCARE & TREATMENT SCHEDULE

- **Follow InMode Post care form** ** found on resource centre**
- **Cooling** the skin during/ post-treatment can reduce discomfort and excessive skin response.
- **Clean** the skin with Saline & Sterile gauze or 3-4% Hydrogen Peroxide if desired which is effective as a bacteriostatic and hemostatic agent.
- Apply healing or antibiotic **ointment**, cortisone such as DermAid immediately post treatment for **1-3** days.
- As soon as the craters close (1-3 days), resume moisturiser, sun-screen, and make-up.
- Antihistamines can be taken if itching is reported due to healing
- **Downtime** is minimal and ranges from 1-5 days, the longer time for superficial treatment and higher energy levels. Some patients hardly show any skin surface response despite future good results
 - **Resurfacing tip**: expect 2 – 5 days of erythema, micro crusting and dry skin
 - **24 – 12 Pin tip**: deep treatment 2-5 days mild to moderate erythema and swelling (if 1mm is used grid pattern can be expected)
 - **Body tip**: deep treatment moderate erythema/ swelling and grid mark expected

Treatment Schedule

- 3 treatments once every 4-6 weeks - One maintenance treatment every 3-6 months