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Precision Laser Permanent Freedom Diode laser

Treatment parameter



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PARAMETER	FEMALE	I	II	III	IV	V	VI
Energy(J/cm ²)	 Face	46-89	46-86	46-83	40-76	33-56	26-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Face treatment 600-800 shots					
Treatment time		Total treatment time is about 6-8 minutes					

PARAMETER	FEMALE	I	II	III	IV	V	VI
Energy(J/cm ²)	 Armpit	43-89	43-86	43-83	36-76	30-56	24-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Each Armpit treatment 200-350 shots					
Treatment time		Each armpit total treatment time is about 3-5minutes					

PARAMETER	FEMALE	I	II	III	IV	V	VI
Energy(J/cm ²)	Abdomen	46-89	46-86	46-83	40-76	33-56	26-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Abdomen treatment 1500-3300 shots					
Treatment time		Total treatment time is about 9-15 minutes					

PARAMETER	FEMALE	I	II	III	IV	V	VI
Energy(J/cm ²)	Bikini	43-86	43-83	43-79	36-73	30-53	23-50
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Bikini treatment 450- 550 shots					
Treatment time		Total treatment time is about 4-6 minutes					





PARAMETER	FEMALE	I	II	III	IV	V	VI
Energy(J/cm ²)	 Leg	50-89	50-86	46-83	40-76	33-56	26-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Each leg treatment 2900 -4200shots					
Treatment time		Each leg treatment time is about 16-20 minutes					

PARAMETER	FEMALE	I	II	III	IV	V	VI
Energy(J/cm ²)	 Arm	50-89	50-86	46-83	40-76	33-56	26-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Arm treatment 1900-3200 shots					
Treatment time		Each arm treatment time is about 12-16 minutes					

PARAMETER	MALE	I	II	III	IV	V	VI
Energy(J/cm ²)		43-89	43-86	40-85	33-75	30-56	26-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Face treatment 600-800 shots					
Treatment time		Total treatment time is about 6-8 minutes					

PARAMETER	MALE	I	II	III	IV	V	VI
Energy(J/cm ²)		40-86	40-83	33-79	30-73	26-53	23-50
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Each Armpit treatment 200-350 shots					
Treatment time		Each armpit treatment time is about 3-5minutes					





PARAMETER	MALE	I	II	III	IV	V	VI
Energy(J/cm ²)	Abdomen	46-89	43-86	40-83	36-76	33-56	26-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Abdomen treatment 1500-3300 shots					
Treatment time		Total treatment time is about 9 -15 minutes					

PARAMETER	MALE	I	II	III	IV	V	VI
Energy(J/cm ²)	Bikini	40-86	40-83	36-79	33-73	30-53	23-50
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Bikini treatment 450- 550 shots					
Treatment time		Total treatment time is about 4-6 minutes					

PARAMETER	MALE	I	II	III	IV	V	VI
Energy(J/cm ²)	 Leg	46-89	46-86	43-83	40-83	33-85	26-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Each leg treatment 2900 -4200shots					
Treatment time		Each leg treatment time is about 16-20 minutes					

PARAMETER	MALE	I	II	III	IV	V	VI
Energy(J/cm ²)	 Arm	46-89	46-86	43-83	40-83	33-85	40-53
Frequency(Hz)		5	5	6	6	6	7
Pulse Width(ms)		30	30	30	30	30	30
Shot numbers		Arm treatment 1900-3200 shots					
Treatment time		Each arm treatment time is about 12-16 minutes					





Mark

1. The parameters are for reference only. It is recommended to start with low energy, the recommended frequencies and pulse. You can adjust above parameters appropriately according to the customer's feedback during treatment.
2. The shots is for reference only. Different customers with different hair density, color, and hardness. During treatment, you can adjust the treatment time or number of shots according to the customer's sensitivity to laser
3. After each treatment, the hair will be reduced accordingly. Next time you treat, you can increase the energy by 2-10J/cm² on the basis of the original energy to achieve better treatment results!
4. For compressor cooling system, there are three cooling levels, you can adjust as customer's feeling.

The best treatment result after one session

1. Ask the client if they feel pins and needles during treatment
2. Optimal treatment status: Mild erythema will appear on the skin after laser treatment, and small papules will appear on the skin follicle opening, please refer to the picture below. (Remember not to blisters and erosion).
3. The treatment can be terminated after reaching the treatment state shown in the figure below



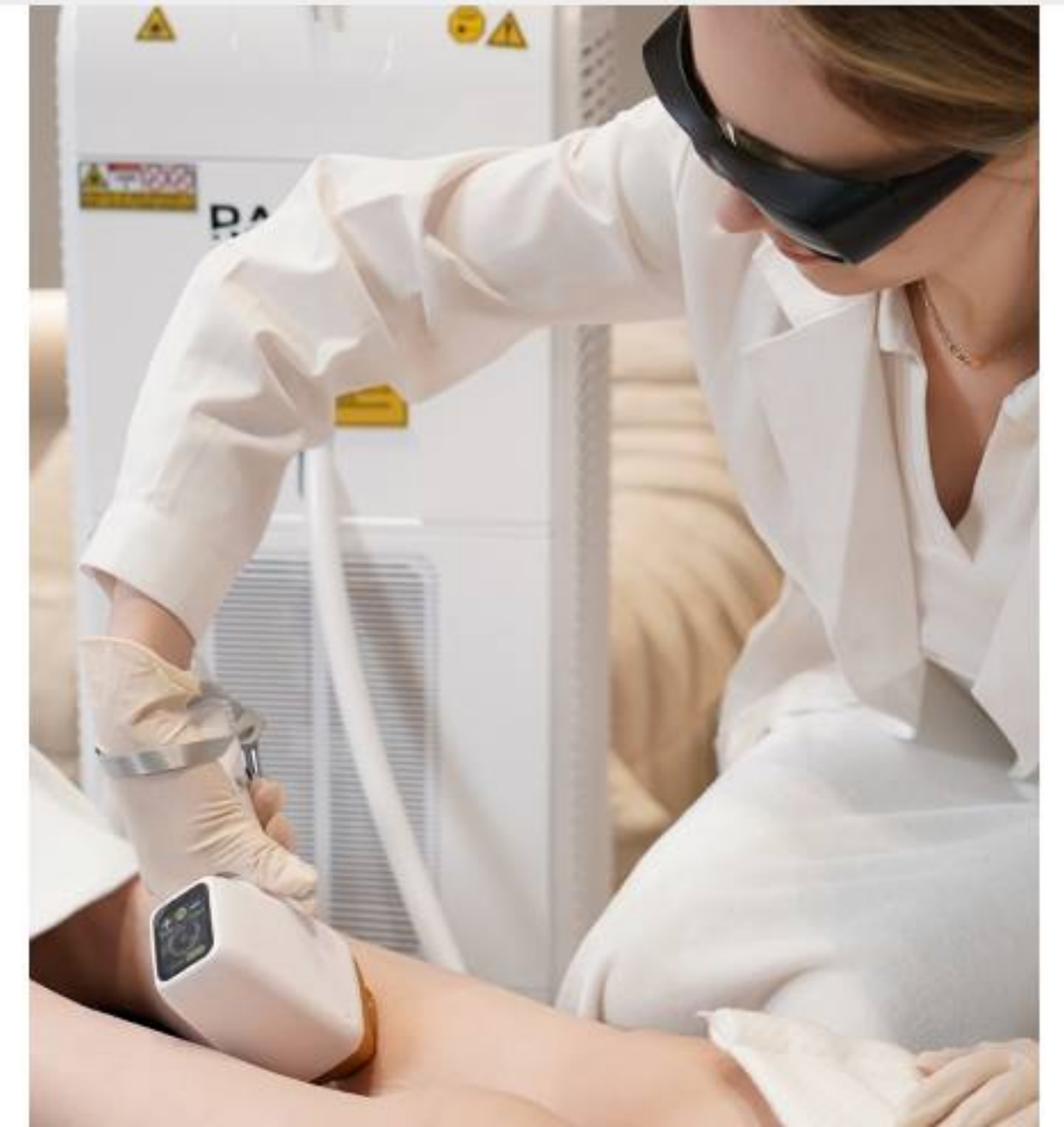


Taboo crowd (Ask the client about their medical history and allergy history before treatment)

- 1) People who have recently received sun exposure and are about to receive sun exposure.
- 2) People with photosensitive skin and those who have used photosensitive drugs
- 3) Those who have recently taken isotretinoin
- 4) Pregnant women
- 5) Severe diabetes, hypertension, heart disease patients
- 6) Those with a history of keloids
- 7) Patients suspected of having skin cancer
- 8) There are patients with high expectations, patients with mental disorders
- 9) People with infected skin at the treatment site
- 10) Hormone cosmetics such as freckle cream are being used
- 11) Areas covered by tattoos cannot be treated and are prone to burns after treatment

Treatment skills

1. For small area treatment (such as lips, armpits, bikini, hairline), the point pressure operation method is adopted, frequency is 1-2HZ, don't use too high frequency
2. For large area treatment (such as limbs, back, abdomen, etc.), the sliding operation method is adopted, and the direction can be switched back and forth to prevent burns or frostbite of customers
3. For large-area treatment, the control mode can be switched from button to foot pedal, which is more convenient to operate
4. If there are dark spots or moles on the hair removal site, they can be covered with white eyeliner. If there are large spots or tattoos on the hair removal site, hair removal treatment is not recommended at this site.



Treatment skills

5. If severe redness and swelling occur after treatment, cold compress can be applied for 15–20 minutes to relieve discomfort. If the skin reaction shown in the figure below occurs, it indicates severe urticaria. Ask the customer if he /she has a history of urticaria. Antihistamines can be used for symptomatic treatment.
6. If any blisters appear due to improper treatment, please refer to the treatment of burns and apply burn ointment to prevent infection.
7. Using a white pen to cover the black spots, moles or tattoos when doing treatment. If there's any large size of tattoos, we don't advise you to do the treatment in that area.



Post-operative considerations

1. Strengthen sun protection after surgery, it is best to use SPF30–50 sun protection products, go out and wear an umbrella and wear a cap.
2. Note that you can take a bath only 48 hours after treatment!
3. There will be slight flushing, slight burning and pain in the treatment area, which is normal! If the discomfort is strong, apply a cold compress for 20–30 minutes if necessary, and rub the skin without force.
4. After the operation, the skin appears dry, you can apply jojoba oil or olive oil to alleviate this discomfort!
5. Generally about 7 days, it is easier to fall off or can be easily pulled out!
6. Avoid spicy foods and light-sensitive foods (such as parsley, celery, leek, etc.) within a week.

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