

FRx

MedArt



MedArt® FRx fractional CO₂ treatments

| Treatment | Watt | Msec | Pattern density |
|------------------------------|-------|------|-----------------|
| Rejuvenation/skin tightening | 8-10 | 3-4 | Medium |
| Periorbital | 6-8 | 5 | High |
| (Acne) scars | 8-12 | 4-5 | Medium to high |
| Pigmentation (chloasma) | 10-12 | 2 | High |
| Wrinkles | 8-9 | 3 | Medium to high |
| Enlarged pores | 8-10 | 4-5 | Medium |
| Striae albae | 7-8 | 3-4 | Medium |
| Striae rubrae | 6-7 | 3 | Medium |
| Back of the hand | 8-10 | 3-5 | Medium to high |
| Neck/cleavage | 8-10 | 3-4 | Medium |

Note: Only for use on patients with Fitzpatrick skin type I-III and tanning level 1-2 (ref. TIX by Dr Lang).

Treatment approach:

- Normally a little overlapping to avoid untreated areas
- Normally only one pass, more passes can be done but it increases downtime and risk of side effects.
- No pretreatment is necessary – however, avoid exposure to UV radiation 3-4 weeks prior to treatment.
- No posttreatment is necessary – however, avoid exposure to UV radiation 3-4 weeks post treatment.

Pain management:

- Normally no pain management is necessary.
- For very sensitive areas use EMLA or an ice cube
- Some patients are extremely sensitive – use EMLA or low density pattern (may require more treatments to see effect).

Normal skin reaction:

- Redness and a burning sensation normally up to 30 min after treatment.
- Neck redness is much more persistent – can last up to 1-2 days
- 24-36 hours later, small scabs will form on the surface
- The scabs will normally disappear within 3-5 days
- Make-up can be used 24 hours after treatment
- Telangiectasia / rosacea does normally not disappear



*Photo and clinical information courtesy of
Dr. Johannes Lang, Erlangen, Germany*

Male patient, aged 58

Settings

2 treatments:
Output power: 8W
Scan density: medium
Msec: 3

1 treatment:
Output power: 10W
Scan density: medium
Msec: 2

each treatment in local cooling

Conclusion

Good improvement after the 1st treatment.
Each further treatment improvement in tintin.
Small fibromas should be treated separately with CO₂ laser



Photo and clinical information courtesy of
Dr. Johannes Lang, Erlangen, Germany

Female patient, aged 47

Settings

2 treatments:
Output power: 8W
Scan density: medium
Msec: 3

1 treatment:
Output power: 10W
Scan density: medium
Msec: 5

Conclusion

3 FRx treatments on the Scars right forehead and Glabella - Region.
Scars: good improvement in the area of collagen tissue by shrinking the hypertrophic parts
Glabella: same settings gave a good smoothing of the surface



Photo and clinical information courtesy of
Dr. Johannes Lang, Erlangen, Germany

Female patient, age 46

Settings

4 treatments:
Output power: 8 W
Scan density: 100d/cm
Msec: 3 - 5

Conclusion

Indication pigment disorders, Acne,
loosen elasticity, lines.
4 FRx treatments in a 3 weeks rhythm
Control 4 weeks after the 4th treatment.



Photo and clinical information courtesy of
Dr. Johannes Lang, Erlangen, Germany

Female patient,

Settings

4 treatments:
Output power: 8 W
Scan density: 64 d/cm
Msec: 3

Conclusion

Indication: laxity of the lower lid area
best result developing 10 weeks after the
last FRx Treatment.
4 FRx treatments.



Photo and clinical information courtesy of
Dr. Johannes Lang, Erlangen, Germany
MedArt A/S, Copenhagen, Denmark

Female patient,

Settings:

Output power: 9 W
Scan density: medium
Msec: 4

Conclusion:

3 FRx treatments, 4 weeks apart.

