

Cryomodulation for Reduction of Pain and Inflammation After Nonablative Fractional Resurfacing and Pulsed Dye Laser^{1,2}

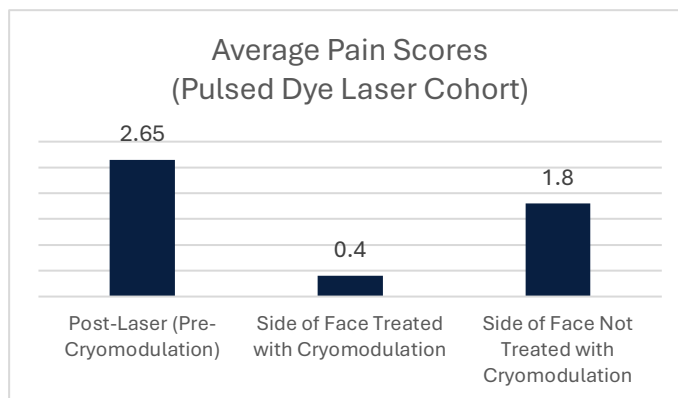
Prospective, split-face clinical studies to evaluate the Glacial® Rx System for reduction of pain and inflammation after nonablative fractional resurfacing and after pulsed dye laser enrolled 20 subjects (10 per cohort) who received Glacial Glide cryomodulation® to one side of the face immediately after laser treatment.

RESULTS

- 90% of patients reported reduced pain on the Glacial Glide treatment side immediately after cryomodulation
- In fractional resurfacing cohort, 80% of patients reported a noticeable reduction in erythema or edema on the Glacial Glide treated side of the face vs control at 2 days post-treatment
- In pulsed dye laser cohort, 60% of patients reported a noticeable reduction in recovery time on Glide treated side of the face vs the control
- 90-100% of patients indicated they would have the procedure again, and 100% would recommend the treatment to others
- Average patient satisfaction score >4 on a scale of 1 to 5 (1 = not satisfied, 5 = very satisfied)

CONCLUSIONS

Study data support the efficacy of the Glacial Rx device for the reduction of pain, edema, erythema, and recovery time following nonablative fractional resurfacing and following pulsed dye laser treatment.



After Fractional Laser -
No Cryomodulation

After Fractional Laser -
With Cryomodulation

¹Murray TN, Darji K, Friedman PM. Split-face study to evaluate efficacy of global cryomodulation for reduction of pain and inflammation after nonablative fractional resurfacing. *Lasers Surg Med.* 2024 Jan;56(1):75-80.

²Murray TN, Friedman PM. Split-Face Study to Evaluate the Efficacy of a Novel Global Cryomodulation for Reduction of Pain and Inflammation After Pulsed Dye Laser. *Dermatol Surg.* 2024 Dec 1;50(12):1220-1223.