

Needle Versus Blunt-Tip Cannula for CPM-HA 20G

Delivery: A Split-Face Comparison of Clinical Outcomes

Comfort and Adverse Events



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split-face descriptive study • Three treatment sessions • Follow-up to 6 months

Patient experience favoured cannula; assessed skin outcomes were comparable

3 of 4

patients preferred cannula overall

-2.75

lower mean pain score with cannula

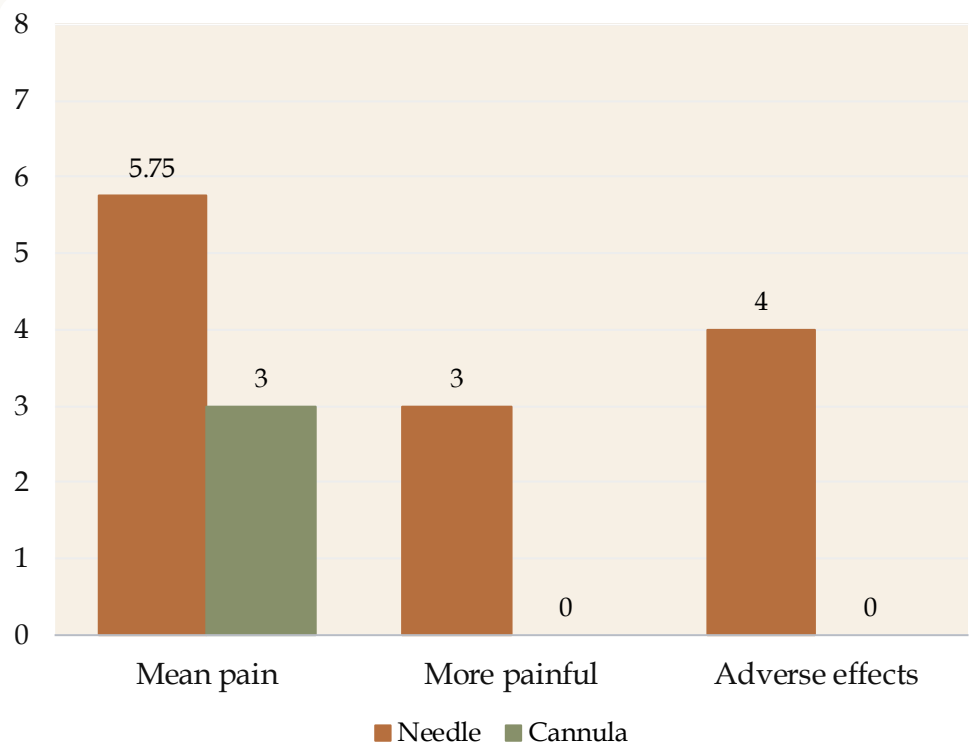
90–94%

of assessor “better side” judgments were ties

Study design

- Five participants were randomized by facial side to needle or cannula; four completed all three sessions.
- Assessments: 1 month after each session, then 3 and 6 months after Session 3.
- Outcomes were reported separately by patients, the injector (Dr Lina), and a blinded investigator.

Patient downtime & comfort



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reported bruising, redness, swelling or tenderness on the needle-treated side

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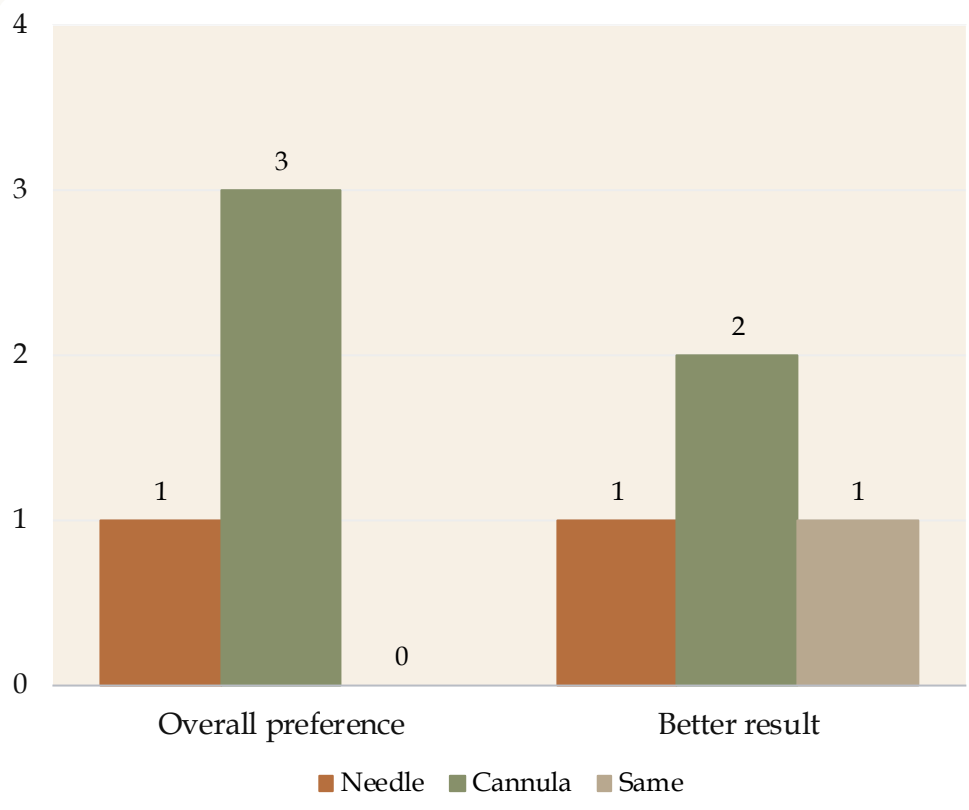
reported adverse effects lasting longer than 7 days

Interpretation

Cannula offered a more comfortable treatment experience and was the overall preference for most patients.

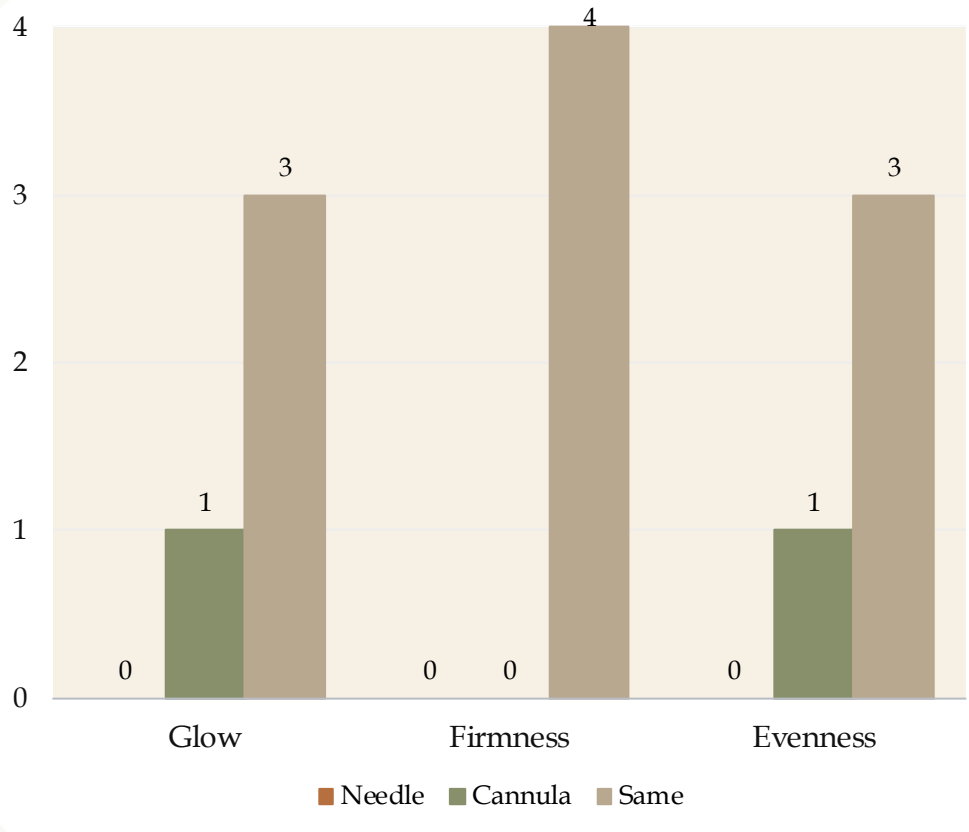
The sample is too small for inferential claims; findings should be treated as descriptive and hypothesis-generating.

Patient-reported results



Which method/side did patients prefer?

Skin parameter preference



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rated skin firmness as the same on both sides

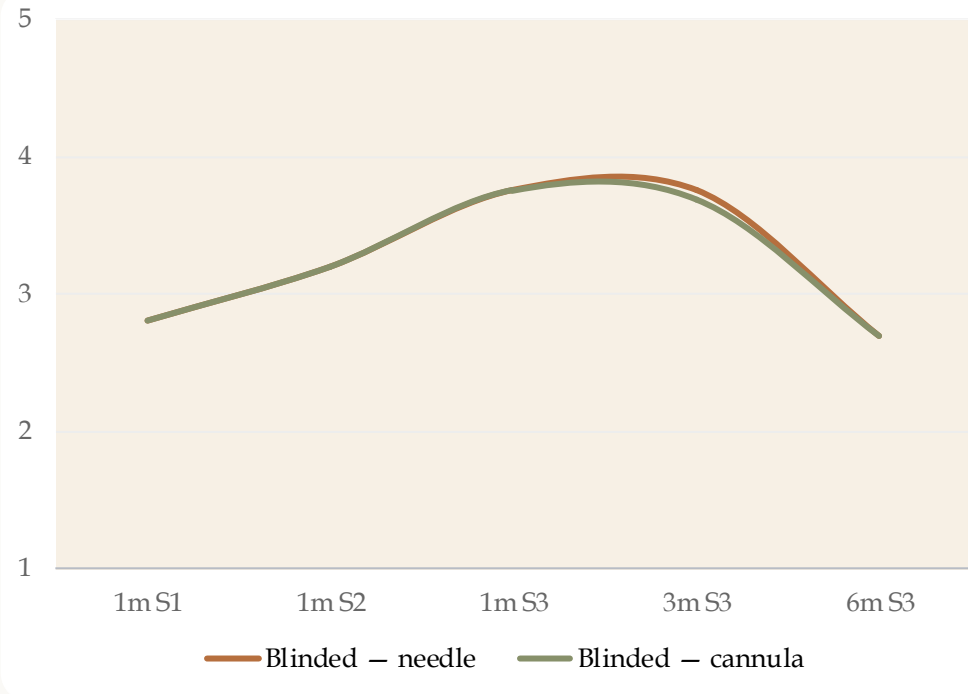
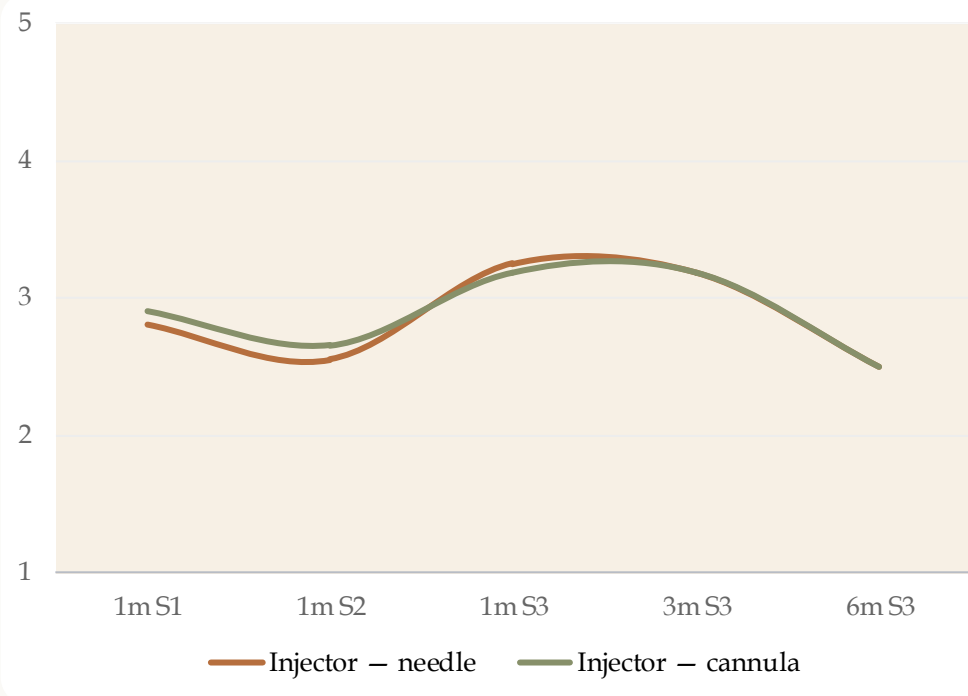
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favoured cannula for glow and evenness; three reported a tie

100% satisfied

All four were satisfied with appearance and overall treatment results.

Clinical assessments



Parameter-level findings

Parameter	Injector	Blinded
Skin glow	≤0.25 gap	All ties
Redness	≤0.20 early	0.25 at 3m
Pore size	All ties	All ties
Pigmentation	Mixed ±0.25	All ties

Conclusion

Nether needle nor cannula delivery showed a consistent method advantage across time or assessors.

3 out of 4 patients preferred the cannula method of delivery due to better comfort and less adverse events.