Oral and Maxillofacial Surgery

Injectable Platelet-Rich Fibrin With or Without Hyaluronic Acid After Arthrocentesis for Temporomandibular Joint Internal Derangement: A Randomised Controlled Trial

Manoj K Malya, Divya Puvvada, Uddarraju Shivaji Raju, Kishore Moturi, Pampana Sravani, Manohar Bolisetty

Corresponding author: Divya Puvvada, Department of Oral and Maxillofacial Surgery, Vishnu Dental College, Bhimavaram, Andhra Pradesh, India. E-mail: puvvadadivya87@gmail.com

Online Resource 1

Clinical procedure photographs

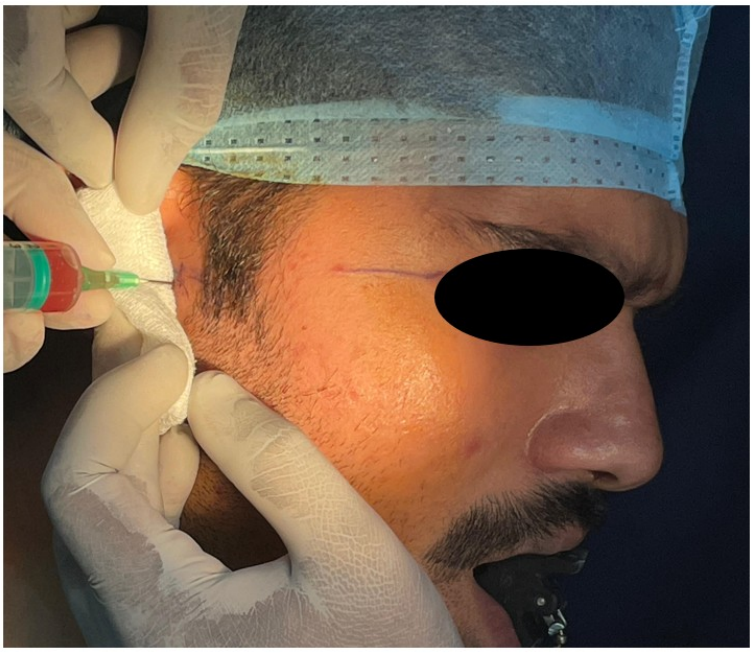


Fig. S1 Injection of injectable platelet-rich fibrin (I-PRF) into the superior joint space



Fig. S2 Hyaluronic acid (Hyalgan®, 20 mg/2 mL) used for intra-articular injection

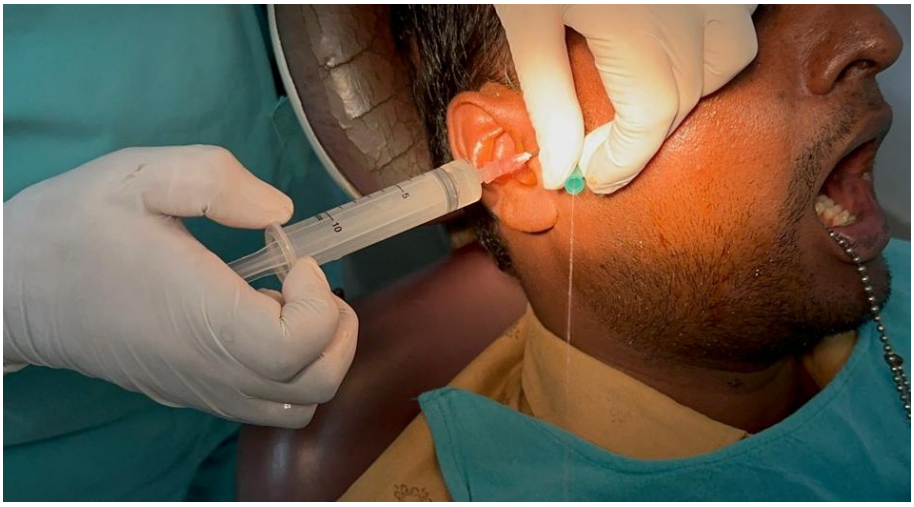


Fig. S3 Joint lavage performed using the two-needle arthrocentesis technique of Nitzan et al.



Fig. S4 Measurement of range of motion: (a) maximum interincisal opening; (b) lateral excursion

Informed consent for publication of the images was obtained from the participants.