

0267 **Cervical Dystonia Relief & Postural Improvement: TMJ Intervention, Cupping Therapy, Physiotherapy** A. Akbulut Necmettin Erbakan University, KONYA, Meram, Turkey

Objectives The aim of this case report is to present the effect of TMJ intervention on decreasing dystonic symptoms and improving posture.

Methods A 30-year-old female subject diagnosed with cervical dystonia was referred to the clinic. Initially, she showed severe and regular dystonic contractions, affecting her posture. The subject underwent a new treatment protocol called IDTT (Integrative Dynamic TMJ Treatment) that was described by the author. Following the application of a soft intraoral appliance called IDTA (Integrative Dynamic TMJ Appliance), the subject underwent 40 sessions of traditional cupping therapy and physiotherapy exercises, with the modification of the appliance in each treatment session. Pain, dystonic contractions, and other dystonic symptoms were assessed using a visual analog scale. Video recordings were kept for the objective assessment of dystonic contractions, and posture analysis was conducted using a mobile application called APECS-AI Posture Evaluation and Correction System[®] (APECS mobile application) (New Body Technologies SAS, Grenoble, France).

Results After the 40 treatment sessions, significant improvements were observed in the patient's pain symptoms, with a 90% reduction according to the VAS scale. Moreover, 80% reduction in dystonic contractions and a visible improvement in posture were observed. **Conclusions** The implementation of IDTT, merging traditional cupping therapy and physiotherapy techniques with a focus on TMJ intervention, led to diminished dystonic contractions, lessened complaints associated with dystonia, and enhanced posture throughout a 1-year follow-up period in this particular case.