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Research Article

Efficacy Analysis of Splint Combined with PRP Injection in the Treatment of Temporomandibular Joint Osteoarthritis

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ABSTRACT

Objective: To investigate the effect of splint combined with PRP injection in the treatment of temporomandibular joint osteoarthritis.

Methods: Ninety-three patients with temporomandibular joint osteoarthritis were retrospectively analysed. They were divided into three groups according to different treatment methods: splint group, PRP group, and splint + PRP group. All patients were asked to have VAS scores before and 6 months after treatment and the maximum comfortable mouth opening was recorded either. All data were analysed by R×C test, and $P < 0.05$ indicated statistically significant differences.

Results: The maximum comfortable opening was significantly improved, and the VAS scores were decreased ($P < 0.05$).

Conclusion: The treatment of splint+PRP is superior to the treatment of single splint or single PRP.

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