



# ASSOCIATION OF ORAL AND MAXILLOFACIAL SURGEONS OF INDIA TAMILNADU & PUDUCHERRY BRANCH



# MAX FAC(T)S



02/03/2025



## CAUTION CORNER!

Clindamycin should be avoided in patients with irritable bowel disease, antibiotic-associated colitis, including regional enteritis, pseudomembranous colitis, ulcerative colitis and history of hypersensitivity to clindamycin or lincomycin

## DOES SPLINT THERAPY PREVENT EXCESSIVE LOADING OF THE TEMPOROMANDIBULAR JOINT?

- Ba et al. conducted a prospective randomized trial to determine whether splint therapy reduces oxidative stress and inflammation in TMJ internal derangement patients by measuring interleukin 6 (IL-6), malondialdehyde (MDA), and 8-hydroxydeoxyguanosine (8-OHdG) levels in the synovial fluid (SF).
- Two groups of 12 patients each were included in the study. Group 1 used a 2-mm hard acrylic, maxillary stabilization-type splint for 3 months after arthrocentesis and SF aspiration. Group 2 had no treatment after arthrocentesis and SF aspiration.
- Group 1 patients showed a significant symptomatic improvement after treatment ( $P < 0.005$ ).
- No statistical correlation was found between the two groups concerning pre-treatment and 3-month SF levels of MDA, 8-OHdG, and IL-6.
- Although splint therapy was found to be successful in eliminating clinical symptoms of TMD, the results showed no beneficial effect on inflammation and oxidative stress markers in the synovial fluid



Reference: [https://www.ijoms.com/article/S0901-5027\(19\)31114-2/abstract](https://www.ijoms.com/article/S0901-5027(19)31114-2/abstract)

### DID YOU KNOW?



Information travels to our brain at a speed of 268 miles per hour.

**Dr. Janani Anandkumar**  
**Maxfac(t)s Editor**

**Dr. S. Jimson**  
**President**

**Dr. K Arun Kumar**  
**Hon. State Secretary**