

# Efek kombinasi tetes mata hydroxypropyl-guar terhadap perubahan stabilitas lapisan air mata pada mata kering terkait sindrom sjögren = Effect of combination therapy of sodium hyaluronate and hydroxypropyl guar in tear film stability in patients with sjögren syndrome associated dry eye

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## Abstrak

### <b>ABSTRAK</b><br>

Tesis ini bertujuan untuk menilai stabilitas LAM mata kering terkait sindrom Sj gren SS yang diberikan terapi kombinasi tetes mata sodium hyaluronat 0,1 SH dan hydroxypropyl HP -guar, atau monoterapi tetes mata sodium hyaluronat SH . Sebanyak 17 pasien SS dalam penelitian ini dibagi ke dalam 2 kelompok. Kelompok pertama mendapatkan kombinasi SH dan HP-guar sementara kelompok kedua mendapatkan terapi SH. NIKBUT, Schirmer, skor pewarnaan okular dan sitologi impresi, serta keluhan subjektif yang dilakukan sebelum dan sesudah pemberian obat. Setelah terapi selama 28 hari, terdapat peningkatan median NIKBUT, Schirmer, skor pewarnaan okular, densitas sel Goblet dan keluhan subjektif pada mata kering terkait SS.

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### <b>ABSTRACT</b><b>

The objectives of the study is to assess the stability of dry eye LAM associated with Sj gren syndrome SS given combination therapy of sodium hyaluronate 0.1 SH and hydroxypropyl HP guar, or monotherapy sodium hyaluronic SH . A total of 17 SS patients in this study were divided into 2 groups. The first group received a combination of SH and HP guar while the second group received SH therapy. NIKBUT, Schirmer, ocular staining score and impression cytology, as well as subjective complaints made before and after drug administration. After 28 days of therapy, there was a median increase in NIKBUT, Schirmer, ocular staining scores, Goblet cell density and subjective complaints on SS related dry eyes.