

中文題目：本土乾燥症狀患者對修格蘭氏症候群分類要件之適用性分析

英文題目：Application classification criteria of Sjogren syndrome in patients with sicca symptoms

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Background

Patients who have symptoms of sicca, such as dry eyes and mouth, may have Sjögren's syndrome (SS) and should consult a rheumatologist. We identified the characteristics of patients with symptoms of sicca and determined the predictive values and applicability of each item as a diagnostic criterion for SS in real-world practice in a local population.

Methods

We reviewed the electronic medical records of patients who received sialoscintigraphy for clinical symptoms of dry eye and dry mouths between January 2016 to December 2017 in Tri-Service General Hospital. The predictive value of the objective ocular sign, objective salivary gland involvement, ANA, anti-Ro/La, rheumatoid factor, minor salivary gland biopsy, and other comorbidity were evaluated.

Results

The correlation between sialoscintigraphy and Schirmer test is Cramer's V 0.121 with a p-value 0.055. The association is higher while increasing the servility of sialoscintigraphy and Schirmer test. The area under curve of receiver operating characteristic curve is 0.646 in a combination of sialoscintigraphy and Schirmer test, 0.687 in positive of anti-Ro or anti-La, 0.764 in a combination of sialoscintigraphy, Schirmer test, and positive anti-Ro/La.

Conclusions

Our results indicate that a Schirmer's test result for either eye of <10 mm/5 minutes should be considered meaningful for classification of SS, and that the 2002 American–European consensus group criteria are more suitable than the 2012 American College of Rheumatology criteria for use in our current practice and might be an alternative diagnostic tool more suitable for real-world practice in populations with varied cultural backgrounds.