

3rd International Conference on **General Practice & Primary Care**
&
24th International Conference on **Dental Public Health & Dental Hygiene**

August 16-17, 2018 Madrid, Spain



Selcuk Mistik

Erciyes University, Turkey

A clinical score to diagnose viral sore throat: Mistik Score

Analysis of data from Sore Throat in Primary Care Project provided a scoring system, called the Mistik Score, to diagnose viral sore throat. The predictive model for positive viral analysis included the following variables: absence of headache, stuffy nose, sneezing, temperature of $\geq 37.5^{\circ}\text{C}$ on physical examination, and the absence of tonsillar exudate and/or swelling. The probability of a positive viral analysis for a score of 5 was 82.1%.

Modified Centor Score-Suggestion of use

- 0 and less score-no need for further test or antibiotics
- 1-3 score-throat culture or rapid antigen test, antibiotics for positive test
- 4 and over-empirical antibiotic use

Modified Centor-GAS Diagnosis	Score	Mistik Score-Viral Infection	Score
Absence of cough	1	Absence of headache	1
Anterior cervical nodes	1	Stuffy nose	1
Over 38°C body temperature	1	Sneezing	1
Tonsillar exudate and/or swelling	1	$\geq 37.5^{\circ}\text{C}$ body temperature	1
3-14 Years	1	Absence of Tonsillar exudate and/or swelling	1
15-44 Years	0		
45 Years and over	-1		
Total score		Total score	
% of GAS probability		% of Viral infection probability	

Recent Publications

- Mistik S, Gokahmetoğlu S, Balci E and Onuk F A (2015) Sore throat in primary care project: a clinical score to diagnose viral sore throat. Family Practice 32(3):263-268.

Modified Centor-GAS Probability	%	Mistik Score-Viral Infection	%
-1 Point			
0 Point	1-2.5	0 Point	8.3
1 Point	5-10	1 Point	14.7-20.4
2 Points	11-17	2 Points	25.2-36.3
3 Points	28-35	3 Points	42.2-55.3
4 and 5 Points	51-53	4 Points	61.9-70.7
		5 Points	82.1

Biography

Selcuk Mistik graduated from Tarsus American College. He became a medical doctor after finishing Hacettepe University Medical School in 1994. He completed his residency in family medicine with the thesis 'Assessment of nutritional status and its effects on morbidity and mortality in hemodialysis patients' at Ankara Numune Training and Research Hospital in 1999. He started working at Erciyes University as a Medical Faculty in 2001, and was appointed as a full professor of family medicine in 2011. He has many studies published in international journals on various subjects concerning family medicine. He still works on university funded research projects. He has been the member of many scientific societies. He is the head of Department of Family Medicine in Erciyes University Medical Faculty.

smistik@erciyes.edu.tr