

<b>DEWS</b>	<b>DRY EYE: DIAGNOSTIC TEST TEMPLATE</b>	
<b>RAPPORTEUR</b>	Juan Murube	25 <sup>th</sup> Dec 2004
<b>TEST</b>	<b>Direct sialometry</b>	
<b>TO DIAGNOSE</b>	Quantitative salivary function	REFERENCES
<b>DESCRIPTION</b>	A sponge introduced in the mouth for several minutes measures the quantitative production of total saliva.	
<b>CONDUCT of TEST</b>	A cellulose sponge is introduced in the mouth, and maintained between the upper surface of the tongue and the palate. The only movement he must do with the mouth is when he suspect a reflex for swallowing saliva, in order the sponge absorbs this saliva. After five minutes the sponge is taken and weighted	
<b>Web Video</b>	N A	
<b>Materials:</b>	Dry sponge. Balance to measure the weight.	
<b>Variations of technique</b>	With stimulation by chewing, with lemon caramel/juice, or cholinergic injections	Vivino et al.1999
<b>Standardization</b>	Time of day [ ] Temperature [ ] Humidity [ ] Air speed [ ] Illumination [ ] Other:[ ]	
<b>Diagnostic value</b>	Without stimulation, are considered normal production of 0.5 g of saliva in 5 minutes. Values under 0.1 g/5min are an indicator of xerostomy	Kalk et al. 2002
<b>Repeatability</b>	Intra-observer agreement. [ ] Inter-observer agreement. [ ]	
<b>Sensitivity</b>	<b>(true positives)</b> [ ]	
<b>Specificity</b>	<b>(100 – false positives)</b> [ ]	
<b>Test problems</b>	Low sensitivity and low specificity	Manthorpe 2002
<b>Test solutions</b>	-	
<b>FORWARD LOOK</b>	Not important, because other tests, as salivary grand biopsy, are more specific.	Vitali et al. 2002 .

#### References:

Kalk WW, Vissink A, Stegenga B, et al. Sialometry and sialochemistry: a non- invasive approach for diagnosing Sjögren's syndrome. *Ann Rheum Dis* 2002;61:137-44.

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Vitali C, Bombardieri S, Jonsson R, et al. Classification criteria for Sjögren's syndrome: a revised version of the European criteria proposed by the American-European Consensus Group. *Ann Rheum Dis* 2002;61:554-558.

Vivino FB, Al-Hashimi I, Khan Z, et al. Pilocarpine tablets for the treatment of dry mouth and dry eye symptoms in patients with Sjögren syndrome: a randomized, placebo-controlled, fixed-dose, multicenter trial. P92-01 Study Group. *Arch Intern Med* 1999;159:174-81.

