

<b>DEWS</b>	<b>DRY EYE: DIAGNOSTIC TEST TEMPLATE</b>	
<b>RAPPORTEUR</b>	Jun Shimazaki	Date: 31Oct 2004
<b>TEST</b>	<b>Conjunctival Provocation Test</b>	
<b>TO DIAGNOSE</b>	Ocular allergy and differentiate it from dry eye.	REFERENCES
<b>VERSION of TEST</b>	[1]	Abelson et al 1998
<b>DESCRIPTION</b>	To measure local allergic reactions towards specific antigens.	
<b>CONDUCT of TEST</b>	<ol style="list-style-type: none"> <li>1. Diluted antigens are instilled in lower fornix of the subject.</li> <li>2. Local allergic reactions, such as conjunctival hyperemia, tearing, itching, burning and swelling of eyelids, are graded.</li> </ol>	
<b>Web Video</b>	Not available	
<b>Materials:</b>	None	
<b>Variations of technique</b>	Tear IgE level can be measured using immunoradiometric assay.	
<b>Standardization</b>	Time of day [ ] Temperature [ ] Humidity [ ] Air speed [ ] Illumination [ ]	
<b>Repeatability</b>	Intra-observer agreement. [NA] Inter-observer agreement. [NA]	
<b>Sensitivity</b>	[NA]	
<b>Specificity</b>	[NA]	
<b>Test problems</b>	Assessment of allergic reaction is based on subjective judgement. Objective assessment has been developing.	Friedlander MH. 2004
<b>Glossary</b>	CPT = Conjunctival Provocation Test.	

## References

Abelson M, Howes J, et al. (1998). The conjunctival provocation test model of ocular allergy utility for assessment of an ocular corticosteroid, loteprednol etabonate. *J Ocul Pharmacol Ther* 14(6):533-542.

Friedlaender MH. Objective measurements of allergic reactions in the eye. *Curr Opin Allergy Clin Immunol* 2004;4(5):447-53.