



## **Cataract surgery and dry eye syndrome. Visual outcomes. Patient's satisfaction.**

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### **Abstract**

Visual Evoked Potential (VEP) measures the electrical activity in the entire vision system. When light enters the eye it is converted to electrical energy at the retina and travels through the optic nerve to the visual cortex which processes vision. The Diopsys VEP test measures the strength and speed of the retinal signal all the way to the visual cortex. VEP technology uniquely helps determine the communication between the eye and the brain. Electroretinography (ERG) measures retinal function. When light enters the eye it is converted into electrical energy by cones and rods, visual cells. ERG tests record the activity of the visual cells and thereby reflecting cell health and integrity. These two modalities are useful in diagnosing cellular pathology such as Age Related Maculopathy (AMD), glaucoma, Diabetic Macula Edema (DME), amblyopia, brain injury, stroke and other vision related issues. VEP is especially useful in Infant and Pediatric exams to diagnose pathology.



### **Biography:**

Matias S. Haffar, is an ophthalmologist who was born in Buenos Aires. Since the year 2006 he has been performing his activity uninterruptedly at the Hospital Santa Lucia in Buenos Aires, Argentina. He works as an instructor of surgeons in the Hospital Ocular Surgery Service, performing cataract, refractive, glaucoma, ocular surface and emergency surgeries. He also works as head of the anterior segment surgery service in the Centro de Investigación y Tratamiento Ocular (CITO). He had worked as a teacher at the University of El Salvador in the advanced course of Ophthalmology, and now he teaches in the advanced course at the Universidad de Buenos Aires office (UBA) in Hospital Santa Lucia.

[29<sup>th</sup> International Conference on Insights in Ophthalmology](#); Webinars- June 17-18, 2020

### **Abstract Citation:**

Matias S. Haffar, Cataract surgery and dry eye syndrome. Visual outcomes. Patient's satisfaction., 29<sup>th</sup> International Conference on Insights in Ophthalmology; Webinars- June 17-18, 2020

(<https://ophthalmology.insightconferences.com/ocm/20/20/matias-haffar-hospital-santa-luc-a-buenos-aires-france> )