

IV MIĘDZYNARODOWA KONFERENCJA

INNOWACJE w OKULISTYCE  
ONLINE – 28-29.05.2021



### **Keratoconus – The Surprises**

**The host:** Prof. Sudi Patel PhD.

Svjetlost Eye Hospital, Zagreb, Croatia

#### **Course Description**

Keratoconus is a rare dystrophy that is difficult to manage, and the consequences of current treatments are unpredictable. Is this true? Modern imaging techniques reveal the dystrophy is more common than expected and cross-linking is rapidly becoming the first-choice panacea treatment for keratoconus.

The combination of this surgical technique and post-operative healing responses has the potential to change the fundamental biology, and consequently the various bio-mechanical properties, of the cornea. For example, treatment will affect basic properties such as rigidity, shape and astigmatism. Changes in these basic characteristics impact directly on patient satisfaction. Is the outcome of the treatment predictable? When does the tissue settle? When can I expect the treated cornea to reach settle on a clinical equilibrium? How can I improve patient satisfaction? Clinical techniques for assessing corneal rigidity, bulk distribution and shape will be discussed with emphasis on clinical relevance and patient management with the aim developing answers for these fundamental questions.

#### **Course Objective.**

By attending this course you will gain a better understanding of:

- The real incidence/prevalence of keratoconus.
- How to interpret the significance of changes after cross-linking.
- The surprises, what to expect, and manage the after-effects of corneal cross-linking.

In essence, this course is designed for you to manage your patients' expectations more effectively.