# School of Optometry

**School Seminar** 

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# Tackle the challenges of irregular cornea: From contact to scleral lens

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## The effects of different filling solutions on the performance of scleral lens wear

- Date : Monday 30 June 2014
- Time : 1:00pm 2:00pm
- Venue : Room BC215, The Hong Kong Polytechnic University

#### <u>Abstract</u>

Irregular cornea can have severe adverse effects on visual performance such as visual acuity and contrast sensitivity. Different types of contact lenses, such as specially designed soft contact lenses, rigid gas-permeable lenses, or scleral lenses can help enhance patients' vision by creating a uniform tear reservoir to correct irregular astigmatism. In this seminar, the clinical management of specialty lenses will be discussed based on several clinical case studies. In addition, the result of a clinical research study will be presented to address filling solution issues in scleral lens wear, which still do not have conclusive views in current academic literature.

Please note that no CPD hour will be counted for this talk.

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