



## Canadian Cornea, External Disease & Refractive Surgery Society Société canadienne de la cornée, des maladies externes et de la chirurgie réfractive

### Surgical Cornea Chirurgie de la cornée

Sunday, June 21 | 1530–1700 | Frontenac  
Dimanche 21 juin

#### Objectives - Objectifs

At the end of this session, participants will be able to:

- integrate knowledge from new surgical techniques.
- demonstrate enhanced ability to manage challenging cases in anterior segment surgery.
- compare different approaches to corneal transplantation.

À la fin de la session, les participants pourront :

- assimiler les nouvelles techniques chirurgicales.
- faire état d'une plus grande capacité de gérer les défis que posent les cas de chirurgie du segment antérieur.
- comparer les diverses façons d'aborder la transplantation de la cornée.

#### Guest - Invité

Sadeer Hannush, MD

#### Moderators - Animateurs

Simon Holland, Johanna Choremis

- 1530 Welcome
- 1533 Efficacy of routine notification and request on reducing corneal transplantation wait times in Canada  
**Mahta Rasouli, Valerie B. Caraiscos, Allan R. Slomovic**
- 1540 Discussion
- 1541 Videoconference on challenging cornea and anterior segment cases  
**Sadeer Hannush**
- 1606 Functional outcome of corneal transplantation using tissue engineered corneal donor in the animal model  
**Isabelle Brunette, Stéphanie Proulx, Ossama Nada, Thouria Bensaoula, Caroline Audet, Jeanne d'Arc Uwamaliya, Angèle Devaux, Guy Allaire, Lucie Germain**
- 1613 Biosynthetic collagen-based cornea constructs for deep lamellar grafts  
**W. Bruce Jackson, May Griffith, Neil Lagali, Kimberley Merrett**
- 1620 Vacuum-assisted delivery of corneal tissue: Innovative approach to corneal button delivery in Descemet Stripping with Endothelial Keratoplasty (DSEK)  
**Ahmed R. Al-Ghoul**
- 1627 Discussion

- 1630 DALK: How to transfer knowledge to the converting surgeon  
**Sadeer Hannush**
- 1640 Discussion
- 1644 Comparative cohort study of femtosecond laser-assisted mushroom configuration DALK and manual straight-edge configuration DALK  
**Clara C. Chan, Rusty J. Ritenour, Irit Bahar, David S. Rootman**
- 1651 Economic impact of posterior lamellar keratoplasty in Canada  
**Catherine Beauchemin, Isabelle Brunette, Jean Lachaine**
- 1658 Discussion and closing remarks

### Medical Cornea Médecine de la cornée

Monday, June 22 | 0800–0930 | Harbour B  
Lundi 22 juin

#### Objectives - Objectifs

At the end of this session, participants will be able to:

- demonstrate enhanced ability to manage challenging cases such as ocular surface neoplasia.
- compare different approaches to corneal medical treatment.

À la fin de la session, les participants pourront :

- assimiler les nouvelles techniques de diagnostic.
- faire état d'une plus grande capacité de gérer les défis que posent les cas comme la néoplasie de la surface oculaire.
- comparer les diverses façons d'aborder le traitement médical de la cornée.

#### Guests - Invités

Sadeer Hannush, MD / Thomas Liesegang, MD  
James Chodosh, MD

#### Moderators - Animateurs

Mona H Dagher, Allan Slomovic

- 0800 Welcome
- 0802 A bug's life: Overview for the cornea specialist  
**Rookaya Mather**
- 0809 Discussion
- 0812 Acantamoeba keratitis: newer concepts  
**Thomas Liesegang**
- 0822 Discussion
- 0825 Painless Acanthamoeba Keratitis: A rare case series  
**Shefalee Shukla, A. Tokarewicz, R Mather**
- 0832 Predicting intraocular involvement in Herpes Zoster Ophthalmicus.  
**Robert Adam, Noah Vale, Mark Bona, Khalid Hasanee, Forough Farrokhvar**



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### Medical Cornea (continued) Médecine de la cornée (suite)

0839	Ocular presentation of vitamin A deficiency after gastric bypass surgery <b>Hashem S. Almarzouki, Devinder Cheema, Robert Gizicki</b>
0846	Discussion
0851	Office corneal procedures <b>Sadeer Hannush</b>
0901	Discussion
0903	Ocular surface squamous neoplasia <b>James Chodosh</b>
0913	Discussion
0915	Topical treatment with 1% Cyclosporine for chronic adenoviral keratitis <b>Wiwan Sansanayudh, Eliya Levinger, Alana Slomovic, Irit Bahar, Allan Slomovic</b>
0922	Conjunctival concretions as a complication of contact lens related conjunctivitis <b>Peter Lee, William Astle</b>
0929	Discussion and closing remarks

### Refractive Surgery Chirurgie réfractive

Monday, June 22 | 1030–1200 | Harbour B  
Lundi 22 juin

#### Objectives - Objectifs

At the end of this session, participants will be able to:

- integrate knowledge from new refractive surgical techniques.
- demonstrate enhanced ability to manage complicated cases in anterior segment surgery, such as ectasia and haze formation.
- compare different approaches to corneal imaging.

À la fin de la session, les participants pourront :

- assimiler les nouvelles techniques de la chirurgie réfractive.
- faire état d'une plus grande capacité de gérer les cas compliqués de chirurgie du segment antérieur, comme l'ectasie et la haze.
- comparer les diverses façons d'aborder l'imagerie de la cornée.

#### Guest - Invité

Stephen Wilson, MD

#### Moderators - Animateurs

David Rootman, Ron Baldassare

1030	Welcome
1033	<b>W. Bruce Jackson Lecture</b> Corneal haze: Etiology and prevention <b>Steve Wilson</b>
1048	Discussion and presentation of award

1058	Axis distribution of topographic corneal astigmatism <b>Dominik W. Podbielski, Santos Tseng, Joseph J. Ma</b>
1105	Optimization of spherical aberration with intraocular lens surgery <b>Christoph Kranemann, Carmen Balian</b>
1112	Histological and biological comparison of corneal epithelium removal by delaminator and alcohol-assisted methods <b>Michel Belliveau, Walter Liao, Patrick Gooi, Seymour Brownstein, W. Bruce Jackson, George Mintsoulis, Ralf Buhmann, May Griffith</b>
1119	Discussion
1121	New aspects in the management of astigmatism <b>Rejean Munger</b>
1128	Discussion
1130	Ectasia prevention and management <b>Steve Wilson</b>
1145	Discussion
1150	The effect of Lacritin on human corneal epithelial cells exposed to Benzalkonium Chloride or Tert-Butyl Hydroperoxide <b>Julia Baryla, Dinesh Bhayana, Hong Liu, Robert L. McKown, Gordon W. Laurie, Cindy M. L. Hutnik</b>
1157	Discussion
1159	Closing remarks