

PO020 The Incidence of Endophthalmitis After Cataract Surgery Depends on the Characteristics of Clear-Cornea Approach

Purpose: To determine the structural characteristics of the clear-cornea tunnel possibly increasing the risk of postoperative endophthalmitis (PE). **Methods:** The incidence of PE was correlated with the site and width of the clear-cornea tunnel, as well as the use of sutures, in all patients undergoing phacoemulsification at our institution between January 1996 and December 2005. **Results:** PE developed in 17 of 9663 eyes operated on during the period considered. Differences in tunnel site (temporal = 15; nasal = 2), tunnel width (5.5 mm = 11; 3.2 mm = 6), and use of suture (unsutured = 16; sutured = 1) were all statistically significant. **Conclusion:** A larger, temporal, unsutured clear-cornea tunnel exposes cataract patients to an increased risk of developing PE.

Presenter attended times Sunday Nov 12, 02:00 PM **To:** 03:30 PM

Viewable as Part of Poster Session 1: Saturday (10AM - 6PM)**To:** Sunday (9AM - 5PM)

Location: Sands Expo and Convention Center

Room: HALL G

Presenting Author:

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* The presenter has declared financial interest.

No asterisk indicates that the presenter has declared no financial interest.

** The presenter has not yet submitted financial interest disclosure information.

PO420 Combined Wedge Resection and Beveled, Sutureless, Penetrating Relaxing Incisions for the Surgical Treatment of Pellucid Corneal Degeneration

Purpose: To evaluate a new surgical technique for the treatment of pellucid corneal degeneration. **Methods:** Nine eyes underwent combined wedge resection (0.5 mm wide and 6.0 mm long) of the ectatic, inferior peripheral cornea and creation of two beveled, sutureless, penetrating relaxing incisions (3.2 mm wide), centered on each side of the steeper meridian. Vision and refraction were assessed 1, 3, 6, and 12 months postoperatively. **Results:** After complete suture removal (within 4 months postoperatively), seven eyes had best spectacle-corrected vision $\geq 20/40$ and refractive astigmatism ≤ 4.5 diopters. **Conclusion:** Visual and refractive results of our technique compare favorably with those of previous reports employing different surgical procedures.

Presenter attended times Monday Oct 17, 11:00 AM **To:** 12:30 PM

Viewable as Part of Poster Session 2: Monday (9AM - 5PM) **To:** Tuesday (9AM - 3PM)

Location: McCormick Place

Room: Hall A

Senior Author:

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* The presenter has declared financial interest.

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** The presenter has not yet submitted financial interest disclosure information.

2004 Joint Meeting Program

1 Events

Event Type	Event Code	Event Title	Add to Meeting Planner
Scientific Poster	PO012	Visual and Refractive Results After Exchange of Calcified IOLs Sunday 11:00 AM - 12:30 PM , Adv Fee: \$0	

Based on the 2003 Annual Meeting attendee evaluation data, a star indicates that the instruction course received an overall course grade within the top 10% of its subject area.

PO012

Senior Instructor:

Moderator:

Instructors:

Senior Author:

Chairs:

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** The presenter has not submitted financial interest disclosure

PO171 Microkeratome-Assisted Lamellar Keratoplasty for Keratoconus: Two-Year Results

Purpose: To assess the results of a new technique for the surgical treatment of keratoconus (KC). **Methods:** Prospective study evaluating 42 patients with KC undergoing microkeratome-assisted lamellar keratoplasty (LK) involving removal of a recipient lamella 250 μm thick and 9.0 mm in diameter and suturing of a donor lamella 350 μm thick and 8.5 mm in diameter. **Results:** After total suture removal (6 months postoperatively), best spectacle-corrected visual acuity $\geq 20/40$ was achieved in 40/42 patients and refractive astigmatism ≤ 4 diopters in 38/42 patients. **Conclusion:** Microkeratome-assisted LK is a feasible alternative to conventional surgery for KC patients.

Presenter attended times Monday Nov 17, 12:30 PM **To:** 02:00 PM

Viewable as Part of Poster Session 2: Monday (9AM - 5PM) **To:** Tuesday (9AM - 3PM)

Location: Anaheim Convention Center

Room: CTR-HALL D

Senior Author:

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* The presenter has a financial interest in the subject matter of the presentation.

No asterisk indicates that the presenter has no financial interest in the subject matter of this presentation.

** Indicates the presenter has not yet submitted financial interest disclosure information for this presentation.

P194 Outcome of Wound Dehiscence Repair After Suture Removal in Postkeratoplasty Patients

Purpose:To evaluate the outcome of wound dehiscence following suture removal in postkeratoplasty patients. **Methods:**Records of postkeratoplasty patients undergoing suture removal (12&\$150;16 months after keratoplasty) between January 1996 and December 2000 were reviewed. The incidence of wound dehiscence after suture removal, intervention, and final outcome were recorded. **Results:** Wound dehiscence was seen in 16 of 382 patients (4.2%), occurring 1 to 6 days after suture removal. Vision returned to at least predehiscence values in all cases. No infection or rejection was seen within 6 months of repair. **Conclusion:** Prognosis of spontaneous wound dehiscence repair after suture removal in postkeratoplasty patients is favorable.

Presenter attended times Tuesday Nov 13, 11:00 AM **To:** 12:30 PM

Viewable as Part of Poster Session 2: Tuesday 8:00AM **To:** Wednesday 5:00PM

Location:

Morial Convention Center
New Orleans , LA , 70130

Room: Hall E

Senior Author:

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