

ASIA-PACIFIC EyeWorld

Volume 2, Number 4
December 2006

The News Magazine of the Asia-Pacific Association of Cataract & Refractive Surgeons **APACRS**

Identifying the suspects

**Experts provide strategies on
identifying types of infection...**

Cover feature: fighting ocular infections

**TASS diagnosis and
treatment primer — page 9**

**Endophthalmitis
treatment considered — page 10**

Post-refractive keratitis — page 12

**Best uses for
Newest antibiotics — page 15**

Plus much more...

CATARACT

Frown Incision to Implant IOLs — page 20

**Cataract surgery in the
compromised cornea — page 28**

REFRACTIVE

**The dry truth about
LASIK enhancements — page 38**

OPHTHALMOLOGY NEWS

**The Singapore Malay Eye
Study (SIMES) — page 39**

GLAUCOMA

Weighting in on IOP — page 40

Conformatic glaucoma patients — page 42

Complete table of contents — pages 4 & 5

ASCRS
Licensed Publication

EyeWorld Asia-Pacific Edition
For Circulation to Ophthalmologists in India



Asia-Pacific Association of Cataract
and Refractive Surgeons (APACRS)



Letter from the Editor

Dear Friends

The treatment and prevention of infection complicating cataract and refractive surgery is one of the most important topics addressed in this issue of EyeWorld Asia Pacific. Sterile inflammation of the anterior segment following surgery, known as toxic anterior segment syndrome or TASS has been recently reported with increasing frequency. This syndrome is still poorly defined and the aetiology is probably multi factorial, including endotoxin contamination of devices and instruments, as well as intra cameral medications and viscoelastics. Although the instance of TASS in

the Asia Pacific region does not appear to be as high as reported in the US. This may be due to under-reporting and knowledge of the pre-disposing factors may help prevent this complication.

This issue also contains an article emphasising the importance of communication between surgeons and patients, which is so critical to patient satisfaction. In particular, discussing the need for spectacle correction either for near or distance vision is critical in counselling patients prior to cataract surgery as patients increasingly expect better unaided post operative visual outcomes. Multi focal implants and implants with accommodative potential are now available but they do have limitations. Realistic expectations are key components to patient's satisfaction after cataract surgery.

It is with great pleasure to announce a further expansion in the distribution of EyeWorld Asia Pacific to the Indian sub-continent. I am delighted that Dr Sivapalan Natarajan has agreed to be the regional Managing Editor and I would like to welcome him and the Indian Regional Editorial Board to our publication.

Warmest regards

Associate Prof Graham Barrett, M.D.
President, APACRS
Chief Medical Editor, EyeWorld Asia-Pacific



Letter from Regional Managing Editor

India Circulation

It gives me immense pleasure to pen down this message as the Managing Editor of the Eyeworld Asia-Pacific (Indian Edition). At the outset I would like to thank everyone for the confidence that has been reposed in me.

The cover feature for this issue is: Fighting Ocular infections. While most ocular infections are benign, others can be associated with devastating visual consequences.

Ocular infections can be separated into 3 groups. Infections affecting the outer ocular coats like cornea and conjunctiva often present with eye pain and a red eye. Intra ocular infections (endophthalmitis) often have devastating consequences. They usually occur following penetrating ocular trauma or after intraocular surgery. Infections in the soft tissue surrounding the eye (ocular adnexa and orbit) can involve the eye indirectly and can spread from the orbit into the brain. A general guideline should be that the approach to treatment be governed by the severity of symptoms and the magnitude of possible consequences. Evidence-based medicine and newer more effective antibiotics have led to paradigm shifts in the therapy of ocular infections. The purpose of this issue is to review ocular infections and current opinion regarding treatment.

I would like to thank everyone for their valuable contributions and hope that it would be of immense benefit to all practicing ophthalmologists, especially with an Asia-Pacific perspective.

I conclude this with the agelessly elegant and universally acclaimed quote: *Whatever be the apparent diversity of things; it is wisdom, to analyze and perceive the basic truth of the matter. The enlightened man will be able to lay here the one central substance of all things of this world.*

Season's Greetings and a Happy New Year!

Dr S. Natarajan
Regional Managing Editor
EyeWorld Asia-Pacific (For Circulation in India)

EyeWorld

December 2006

Volume 2 • No. 4

Editorial Board

CHIEF MEDICAL EDITOR

Assoc Prof Graham Barrett
Australia

BOARD MEMBERS

Dr Abhay Vasavada
India

Clinical Prof Ang Chong-Lye
Singapore

Assoc Prof Chee Soon-Phaik
Singapore

Dr Chan Wing-Kwong
Singapore

Prof He Shou-Zhi
PR China

Dr S Istiantoro
Indonesia

Dr Pannet Pangputhipong
Thailand

Dr Prin Rojanapongpun
Thailand

Dr Ronald Yeoh
Singapore

Dr Takayuki Akahoshi
Japan

Dr Wee Tze-Lin
Singapore

Dr Y C Lee
Malaysia

Prof Zhao Jia-Liang
PR China

REGIONAL EDITORIAL BOARDS
CHINESE EDITION

Regional Editor-in-Chief
Prof ZHAO Jia-Liang

Regional Deputy Editor
Prof HE Shou-Zhi

ASIA-PACIFIC EDITION
(For Circulation in India)

Regional Managing Editor
Dr S. Natarajan



Asia-Pacific Association of Cataract and Refractive Surgeons

APACRS Secretariat

Administrative Chief:

Ms Charity Wai, Singapore

Senior Executive:

Ms Kathy Chen, Singapore

11 Third Hospital Avenue, Singapore 168751

Fax: (65) 6327 8630

email address: apacrs@net.com.sg

Website: www.apacrs.org

