ORBIS SINGAPORE

AviAsian Conference | 5th September 2018

https://www.youtube.com/watch?v=h_gkJBRsId0
253 MILLION PEOPLE IN THE WORLD ARE VISUALLY IMPAIRED

MOST DON’T HAVE TO BE

- 89% of visually impaired people live in developing nations where quality eye care is limited or non-existent
3.5 MILLION IN SOUTHEAST ASIA ARE BLIND

20.8 MILLION ARE VISUALLY IMPAIRED
75% of blindness and visual impairment can be cured, treated or prevented.

11.9 million people are blind in both eyes due to cataracts.

- Uncorrected cataracts cause 33% of blindness.
- A 20-minute surgery can replace a cataract (cloudy lens) with a new lens.

12.8 million children have uncorrected refractive errors.

- 80% of learning is visual. Children with uncorrected refractive errors are disadvantaged in school.
- A pair of glasses can help a young person attend school and receive a quality education.
WHAT WE DO
WE TRAIN
local physicians, nurses and technicians in developing countries and leave a lasting footprint everywhere we go

WE TREAT
patients with a variety of eye health issues to preserve and restore sight

WE EXPAND ACCESS
by funding local hospitals and clinics and developing rural referral networks to treat and prevent visual impairment

WE STAY CONNECTED
through our digital tele-medicine platform, Cybersight, which maintains our mentor relationship through mobile technology
HOW WE DO IT
FLYING EYE HOSPITAL

As a teacher...

It provides a space to train doctors, nurses and biomedical technicians so they can save and restore vision.

As an envoy...

It attracts media so that we can tell people about the importance of eye health and enlist their help in fighting blindness.

As an advocate...

It opens the doors of prime ministers, philanthropists and the powerful so that we can make the case for investing in the global effort to extend eye care and bring an end to preventable blindness.
ORBIS MD-10 FLYING EYE HOSPITAL FLOOR PLAN
MD -10 FLIGHT DECK
CLASSROOM
ADMINISTRATION ROOM
AUDIO VISUAL / IT ROOM
PATIENT CARE & LASER ROOM
OPERATING ROOM
STERILIZATION / SUB-STERILE ROOM
BIOMEDICAL & FLIGHT MECHANIC AREA (BELLY)
HOSPITALS AND CLINICS

We partner with local hospitals and clinics throughout the regions we serve to provide access to quality eye care.

Integrated into our long-term country programs are our Hospital-based programs - intensive hands-on training program on specific clinical issues.

Every provider and trainee can access diagnostic and procedural support through Cybersight, our online and mobile tele-medicine platform.

Our hospital programs focus on ophthalmic education and instruction to increase our partners’ skill, service, and quality of patient care.
Cybersight connects eye care professionals in low-resource settings to tools and information they wouldn’t otherwise have access to.

It is equal parts library, school, and remote-medicine service, open to doctors around the world for research.

Most critically, providers anywhere in the world can consult live with our volunteer faculty during diagnosis, treatment, and even surgical procedures.

CyberSight is open-source, scalable and built for integration into all global health fields.
OUR GLOBAL REACH
THE ORBIS IMPACT

In 2017...

62,000
Medical Training Courses Completed

5,000,000
Eye Screenings and Exams Conducted

8,700,000
Medical and Optical Treatments Given

96,000
Lasers and Surgeries Performed
Thank you

MASS BLINDFOLD LUNCHEON
Hosted by Dialogue in the Dark

13th October 2018, Saturday
Ngee Ann Polytechnic
10.45am - 2.00pm