

The Brunei Ophthalmology Society (BOS)

APAO
EYE CARE WEEK
2020



The Brunei Ophthalmology Society (BOS) was established in April 2019 in recognition for the need of an official body to coordinate ophthalmic care, education, and prevention of blindness projects in Brunei Darussalam.

The delayed presentations of cataracts, glaucoma, advanced diabetic retinopathy, and undiagnosed refractive errors, remain the major causes of preventable

visual impairment in the country. The immediate goal of the society is to raise public awareness and address engrained societal perceptions of the above conditions through outreach screening projects and educational workshops.

Since its inception, the society proactively organized and took part in various eye care activities in the country.

● World Sight Day Celebration 2018

A mini carnival celebration was held by the Brunei Eye Centre and the Ministry of Health to raise the awareness of preventing the causes of treatable blindness. The event invited the Minister of Health, Dato Dr Haji Isham Haji Jaafar, as guest of honour. He highlighted the importance of regular vision screening, particularly in the diabetic population, to prevent irreversible vision-loss from diabetic retinopathy.

A total of 104 individuals received free eye screening during the carnival; 56 patients were referred to eye care services, in which a majority were found to have undiagnosed refractive errors.



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● Establishment of the Brunei Special Needs Eye Care Service

Brunei Darussalam is one of the countries that has signed the UN Convention on the Rights of Persons with Disabilities, which gives emphases on the rights of individuals with special needs to gain access to high quality health care, or the Universal Health Coverage including eye care.

In November 2018, the Brunei Special Needs Eye Care Service (BRU-SPECS) was established to provide an all-round service for individuals with special needs. The service represents a collaborative effort between the government and related non-government organizations, ensuring that the special needs population receives regular vision screening and appropriate intervention if required.

The opening event included a whole-day vision-screening event for individuals with special needs from various non-government organizations including the Center for Children with Special Needs, Pusat Ehsan, the Brunei Down Syndrome Association, Special Olympics Brunei Darussalam and the Brunei Society for Management of Autism Related issues in Training, Education and Resources (SMARTER Brunei).



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● World Braille Day Celebration 2019

On January 4, 2019, the Brunei Eye Center celebrated the newly recognised Braille Day by the United Nations. The day recognizes Louis Braille, who contributed to helping blind and visually impaired people to read and write.

The event was jointly organized by the Brunei Special Education Unit, the Braille Company, and the Brunei Darussalam National Association for the Blind, at the country's main tertiary hospital.

Members of the general public had the opportunity to have direct discussions with eye care professionals to obtain information and advice on the use of braille, as well as general eye care advice and the access to low vision aids.



● Oculoplastics Collaboration with Operation Restore Sight (ORS)

In an active effort to enhance the oculoplastics service provision in Brunei Darussalam, the Brunei Eye Center collaborated with Operation Restore Sight (ORS), a non-profit, non-political humanitarian U.S. based organization dedicated to restoring vision and preventing blindness globally.

A week-long oculoplastics training program was organized for local ophthalmic surgeons to refresh and update their oculoplastics knowledge and surgical skills. Procedures performed include the excision of a malignant basosquamous carcinoma and lid reconstruction and congenital ptosis correction.

The program concluded with a CME evening, attended by the Brunei Minister of Health and Mr. Scott Hamilton, the Co-Leader of the ORS Team that showcased the impactful ORS outreach projects in the Asia-Pacific region that have been carried out to date in countries such as Nepal and India.



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- **Outreach Ophthalmology – Brunei Flying Medical Service**

Providing high quality healthcare to the population is a priority of the government of Brunei Darussalam. On a quarterly basis, an ophthalmologist and ophthalmic nurse will travel with the Brunei Flying Medical Service to the most remote villages in the country to provide eye care to rural communities.



Chinese Ophthalmological Society (COS)

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Founded in 1937, with a mission of training more ophthalmologists to preserve and restore vision for Chinese people and to serve the patients with better quality of eye care, the Chinese Ophthalmological Society (COS) has long history working in the blindness prevention.

Numbers of eye hospitals and institutions devoted on charity activities for rural area patients in China in the last 20 years. Under the guideline of the 13th Five-Year Plan for

Eye Care in 2016, the government launched the "Sight Rehabilitating for Millions of Poor Cataract Patients Project", increasing the number of ophthalmologists took part in the prevention and treatment of blindness. By now, COS has performed total 290,000 free-of-charge cataract surgeries during about 1,500 charity activities, which benefited over 1.6 million patients and hundreds of local ophthalmologists by ways of screening, consulting, training, and educating.

● Overseas Eye Care Programs

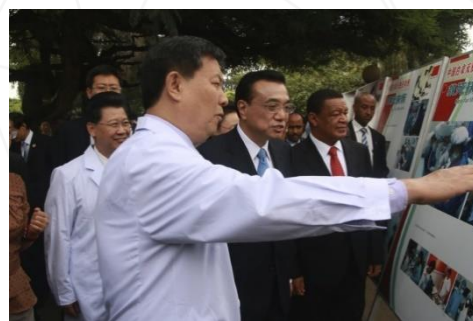
In recent years, with the rapid development of Chinese ophthalmology, COS expanded the focus on the pressing needs of the patients lacking access to high-quality eye care in remote impoverished regions such as Asia, Africa, and island countries in Oceania. As of today, the Chinese ophthalmic medical teams have performed nearly 15,000 free cataract surgeries overseas.



❖ In March, 2011, former P.R.C. Vice Prime Minister Wang Qishan visited up the patients in Zimbabwe, who received cataract surgeries from the Beijing Tongren Hospital medical team.



❖ In September 2012, appointed by the National Ministry of Health, the West China Hospital medical team screened 180 patients and performed 106 free small incision cataract surgeries in the Democratic People's Republic of Korea.



❖ In May 2014, ophthalmologists from Peking Union Medical College Hospital performed over 200 free cataract surgeries and consulted 1,000 patients in Ethiopia. The activity was highly regarded by P.R.C. Prime Minister Li Keqiang.

Chinese Ophthalmological Society (COS)

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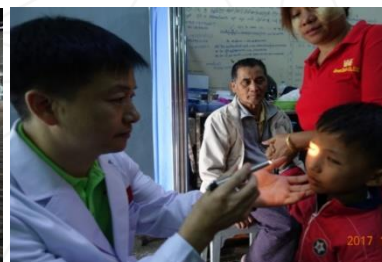
❖ In June 2016, the Shanxi Eye Hospital medical team launched the "Brightness Action" in Cameroun and performed 627 free cataract surgeries.



❖ In November 2017, P.R.C. President Xi Jinping visited Laos and gave high praise to the joint medical team from Peking Union Medical College Hospital and the 1st Affiliated Hospital of Kunming Medical University that, together, performed 300 free cataract surgeries for Laotians.



❖ In November 2017, Henan Provincial Eye Hospital medical team participated in the "Lifeline Express Myanmar Stop" and performed 468 free cataract surgeries in Myanmar.



❖ In January 2018, the Chinese PLA General Hospital medical team participated in the "Lifeline Express Pakistan Stop", during which they screened 580 patients and finished 529 free cataract surgeries.



❖ In November, 2019, Peking Union Medical College Hospital medical team finished 245 free cataract surgeries and 3 vitrectomy in Namibia. P.R.C. Vice Prime Minister Sun Chunlan visited the patients.



❖ In the last seven years from 2012 to 2019, Zhongshan Ophthalmic Center (ZOC) medical team visited Vanuatu, Fiji, Samoa, Cook Islands, Tonga, Niue in Pacific, Ghana, Senegal in Africa and Maldives for 14 times, screened 4,000 patients, and finished 1,100 free cataract surgeries. Meanwhile, ZOC doctors to Dominica screened 2,500 patients and performed 296 free cataract surgeries in the past one and a half year.



❖ From 2018 to 2019, the 1st Affiliated Hospital of Guangxi Medical University medical team visited Cambodia 12 times and performed 6,000 free cataract surgeries in total.



❖ During 2014 to 2019, the Peking University People's Hospital medical team performed 753 free cataract surgeries in Djibouti, Botswana and Madagascar, Africa.



❖ Since 2018, Dr. Weng Yan from the 2nd Affiliated Hospital of Zhejiang University devoted herself to the two-year work in Mali with Zhejiang provincial medical team and finished 200 free cataract surgeries.



❖ In November 2019, Prof. Zhao Yun-e from the Eye Hospital of Wenzhou Medical University joined the medical team for Africa and performed free cataract surgeries for congenital cataract children.

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● Work in China

Besides the overseas eye care programs, many blindness prevention teams like the 2nd Affiliated Hospital of Zhejiang University Mobile Eye Hospital, Han Hong Foundation Charity Activities, Lifeline Express, Li Ka-shing Foundation Sight Rehabilitation Activities, and other brightness actions, have reached to over 300 remote impoverished towns and villages in mid-west of China, helping over 200,000 patients recover their vision.



- ❖ The first national Mobile Eye Hospital was founded by Prof. Yao Ke from the 2nd Affiliated Hospital of Zhejiang University. In 20 years, the Mobile Eye Hospital has performed more than 7,000 free cataract surgeries in rural areas of Zhejiang Province.



- ❖ Prof. Guan Huaijin from the Affiliated Hospital of Nantong University supervised the cataract surgeries in Hunan Province for the "Millions of Poor Cataract Patients Project" launched by the National Ministry of Health.



- ❖ 116 doctors and volunteers from the Shantou University/The Chinese University of Hong Kong Joint Shantou International Eye Center took part in the "Lifeline Express" and screened 41,535 patients. 24,312 free cataract surgeries were performed in 9 provinces and 2 autonomous regions. The doctors and volunteers also devoted themselves to training and educating the local ophthalmologists in Xinjiang, Gansu, and Shanxi.



- ❖ Since 2007, Affiliated Eye Hospital of Shandong University of Traditional Chinese Medicine and 2nd Affiliated Hospital of Shandong University medical teams performed more than 3,000 free cataract surgeries in Shandong, Qinghai and Xinjiang, and helped 100,000 poor patients getting a better eye care treatment.



- ❖ The Daping Hospital medical team screened 468 patients throughout 16 towns in Tibet and helped 106 patients rehabilitated from cataract in 2017.

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- ❖ Since 2009, Prof. Yao Ke and his team worked with Han Hong Charity Foundation and Soong Ching Ling Foundation, travelled 300,000 km throughout Tibet, Inner Mongolia, Xinjiang, Guizhou, Shanxi, Ningxia, Sichuan, Qinghai and Gansu performed over 3,000 free cataract surgeries for the poor and local minority patients. They also helped to found 11 Cataract Surgical Centers in those areas.



- ❖ During 2017 to 2019, medical teams from the Eye & ENT Hospital of Fudan University, Shanghai General Hospital, Shanghai Ninth People's Hospital, Shanghai Xinhua Hospital, and Shanghai Sixth People's Hospital screened 1,300 patients and performed 300 free cataract surgeries in Tibet, Guizhou, and Yunnan.



- ❖ In May 2018, the 1st Affiliated Hospital of Zhengzhou University medical team participated in the "Lifeline Express Ningnan Stop" and helped 1,054 patients rehabilitating from cataract.
- ❖ The People's Hospital of Guangxi Zhuang Autonomous Region launched the Mobile Surgery Program, "No.18 Sight Rehabilitation", in 2019 and performed 6 free cataract surgeries in Nanning.



ERADICATING BLINDNESS PROGRAM IN BALI

Suryathi, NM Ari; Gunawan, CN;
Juliari, IGAM; Handayani, AT; Triningrat, AAMP; Jayanegara, IWG
Ophthalmology Department, Faculty of Medicine Udayana University, Sanglah Hospital, Bali



PURPOSE

To report program of eradicating blindness in Bali

METHODS

A cross sectional

RESULTS

Based on Vision 2020, The Right to Sight, IOA Bali committed to participate in eradicating of 5 causes of blindness and visual impairment. Bali also have done RAAB survey with Indonesia Health Ministry's programs and found prevalence of blindness is 1.9% with cataract (77%) as the primary cause. Cataract Surgical Rate (CSR) in Bali increase slightly, with population in Bali are 4.246.500 people.¹

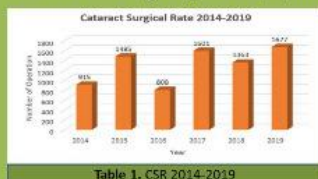


Table 1. CSR 2014-2019



Picture 1. Eye Examination

Refractive error is one of the top priority program in global initiative program of Vision 2020. From 2018 until 2019, we had already done 34 eye examination. We focused on refractive error screening with total number of 284 student from elementary school and 649 student from junior high school in rural areas. We collaborated with Essilor, IOA main office, One Sight Foundation, Hawaiian Eye Foundation, and John Fawcett Foundation. In every social service program, we share free spectacles (custom and ready made).²



Picture 2. Portable Autorefractometer Examination



Table 2. Refractive Error 2018-2019



Picture 3. Social Service



Picture 4. Mini Clinic Experience 2018

Diabetic retinopathy can occur at any age. The primary prevention and screening process for diabetic retinopathy vary according to the disease onset. We do screening with portable fundus photography and indirect ophthalmoscopy in diabetic centre.³

Glaucoma screening tests were held at rural area to detect those with early stage disease. To prevent blindness in children, we collaborated with Pediatric Division of Sanglah General Hospital to do congenital cataract screening in cases of congenital rubella syndrome.



Picture 5. Slit lamp, Visual Acuity, and Intraocular Pressure Examination

CONCLUSION

We do active prevention and eradicate five causes of blindness, focused in cataract, refractive error and diabetic retinopathy.

REFERENCES

1. Community Eye Health. Cataract Surgical Rate. Comm Eye Health Vol. 30 No. 100 2018 pp 88-89. Published online 07 February 2018
2. Departemen Kesehatan RI. Keputusan Menteri Kesehatan Republik Indonesia nomor 1473/MENKES/SK/X/2005. (document on the internet). Jakarta : The Institute; 2005 (diunduh 19 April 2019). Tersedia dari : <http://perpustakaan.depkes.go.id:8180/handle/123456789/1030>
3. AAO Quality of Care Secretariat, Hoskins Center for Quality Eye Care. 2014. Screening for Diabetic Retinopathy. San Francisco

Indonesian Ophthalmologists Association (IOA)

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PERDAMI
PERSATUAN DOKTER SPESIALIS MATA INDONESIA
Indonesian Ophthalmologist Association

PERDAMI Yogyakarta is one of the PERDAMI branches that have very active social service activities. Our major activity is screening, counseling, free eye glasses, and cataract operation.

PERDAMI YOGYAKARTA CHARITY PROGRAM 2015-2019



Screening on people with disability

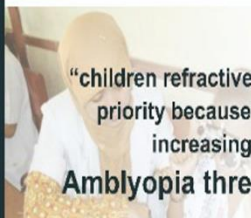


Student waiting to be examined

"we work to eliminate avoidable blindness by performing screening for diabetic retinopathy, glaucoma and performing cataract surgery"



Mass cataract operation (manual small incision cataract surgery)



"children refractive disorders are also a priority because their incidence is increasing day by day.
Amblyopia threat is increasing"



Refraction correction with the Dean



Preparation of cataract surgery



Pterygium excision on PHC



Junior high school student examination



Cataract operation in rural area



Cataract screening in Papua



6816 eye glasses for children refractive disorders
2768 reading glasses for elderly
4075 cataract surgery



Correction in amblyopia student



Eye counseling for student in Papua



JOIN US!
and become the agents of change
for better vision

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COMMUNITY EYE HEALTH *in Papua, Indonesia*



REFRACTIVE ERROR SCREENING



Total Population : 3.143.088 (2015)
3.347.100 (2019)
Prevalence of Blindness in people age 50+
(2016) = 2.4%
94.1% is caused by CATARACT.



102 eye care journeys to remote area

INCREASE NUMBER AND QUALITY OF CATARACT SURGERY



"Papua is not just eradicating, but planning.."

captions from our video display on our website, please visit perdamipapua.id

Indonesian Ophthalmologists Association (IOA)

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INDONESIAN
OPHTHALMOLOGISTS
ASSOCIATION

COMMUNITY OPHTHALMOLOGY PROGRAM in South Sulawesi, Indonesia



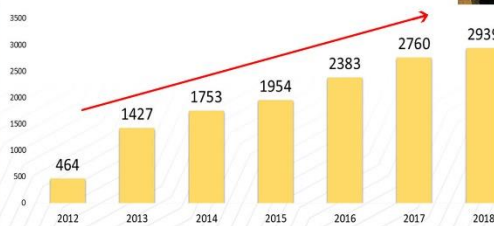
Rapid Assessment of Avoidable Blindness (RAAB)
in South Sulawesi, 2013



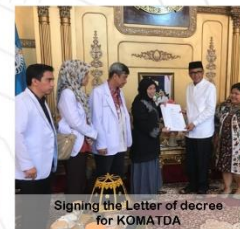
Result for RAAB Survey :
Prevalence of Blindness in People Aged
50+ = 2.6 %
Indonesia = 3%



Coferment of Scholarship, Grant from Lions Club



Cataract Surgical Rate (CSR)
in South Sulawesi



Efforts to counter visual impairment from other causes



Japanese Ophthalmological Society (JOS)

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The Japanese Ophthalmological Society (JOS) has been organizing public lectures about eye care programs during the JOS Annual Meeting and the Annual Congress of Japan Clinical Ophthalmology. The theme changes every time and many people participated. Here are the public lectures held in recent years.

● 122nd Annual meeting of the Japanese Ophthalmological Society in 2018

Theme:

- Dry Eye Syndrome
- Cataract

No. of participants: about 350 people



122nd JOS 第122回 日本眼科学会総会
総会長: 井上 幸次 (鳥取大学医学部視覚病態学 教授)

市民公開講座 参加費 無料

2018年4月22日(日)

時間 14:00~16:00 会場 大阪国際会議場 10階「1003」
〒530-0005 大阪市北区中之島5丁目3-51 TEL: 06-4803-5585

よく見える、よく生きる

司会 井上 幸次 先生 (鳥取大学医学部視覚病態学 教授)
座長 神鳥 高世 先生 (鳥取県眼科医会 会長)

プログラム

ドライアイ 白内障

演者 坪田 一男 先生 (慶應義塾大学医学部眼科学教室 教授) 大鹿 哲郎 先生 (筑波大学医学医療系眼科学 教授)

申込方法・詳細は裏面をご覧ください

お問い合わせ先 第122回日本眼科学会総会 運営事務局
株式会社JTBコミュニケーションデザイン
ミーティング&コンベンション事業部内
〒530-0001 大阪市北区梅田3-3-10 梅田ダイヤビル4階
TEL: 06-6348-1391 FAX: 06-6456-4105
E-mail: 122jos@jtbcom.co.jp

主催 公益財団法人 日本眼科学会、第122回日本眼科学会総会
共催 鳥取県眼科医会
協力 一般社団法人大阪府眼科医会
学会ホームページ
<http://convention.jtbcom.co.jp/122jos/>

● 123rd Annual meeting of the Japanese Ophthalmological Society in 2019

Theme:

- Healthy and Comfortable Life with Cutting-edge Treatment for Cataract Surgery and Surgery of Myopia
- Leading Edge of Treatment for Incurable Eye Disease: Pigmentary Retinal Degeneration and Low Vision Care

No. of participants: about 520 people

第123回 日本眼科学会総会
総会長: 平形 明人 (杏林大学医学部眼科学教室 教授)

市民公開講座

参加費 無料

2019.4/21日

時間 14:20～16:20
会場 東京国際フォーラム
Bブロック7F ホールB7(1)

テーマ **視覚治療の最前線**

司会 平形 明人 先生
(杏林大学医学部
眼科学教室 教授)

座長 福下 公子 先生
(東京都眼科医会 会長)

プログラム

最新治療で健やかで快適な生活を ～白内障手術と近視の手術～
演者 根岸 一乃 先生 (慶應義塾大学医学部眼科学教室 教授)

不治の眼病に挑む最前線～網膜色素変性とロービジョンケア～
演者 山本 修一 先生 (千葉大学大学院医学研究院眼科学 教授)

お問い合わせ先
第123回日本眼科学会総会 市民公開講座係
株式会社JTBコミュニケーションデザイン ミーティング&コンベンション事業部内
〒541-0055 大阪市中央区久太郎町2-1-25 JTBビル7階
TEL: 06-6120-1257 (平日10:00～17:30) FAX: 06-6120-1229
E-mail: 123jos@jtbcom.co.jp

主催 公益財団法人日本眼科学会
第123回日本眼科学会総会

共催 公益社団法人東京都眼科医会

● 72nd Annual Congress of Japan Clinical Ophthalmology in 2018

Theme:

- Retina Disease, Age-related Macular Degeneration: A Measure for Prevention and How to Deal with the Situation
- Glaucoma

No. of participants: about 600 people

第72回日本臨床眼科学会
学会長 山本 修一
(千葉大学大学院医学研究院 眼科学 教授)

市民公開講座

参加費 無料
先着600名様

2018年10月14日(日)

時間 14:00~16:00
会場 東京国際フォーラム Bブロック 7F ホールB7[1]

いくつになっても
見えるを♡守る



司会 山本 修一
(千葉大学大学院医学研究院 眼科学 教授)

座長 麻薙 薫
(千葉県眼科医会 会長)

プログラム

網膜の病気、加齢黄斑変性。
ならないために、なったらどうする?

緑内障になったら

演者 石田 晋
(北海道大学大学院医学研究院 眼科学 教授)

演者 木内 良明
(広島大学大学院医歯薬保健学研究科 視覚病態学 教授)

学会ホームページ <http://convention.jtbcom.co.jp/72ringan/>
主催：公益財団法人日本眼科学会、第72回日本臨床眼科学会（千葉大学大学院医学研究院眼科学・千葉県眼科医会）

申込方法・詳細は
裏面をご覧ください

● 73rd Annual Congress of Japan Clinical Ophthalmology in 2019

Theme:

- To Take Care of Your Eyes Properly and Keep Youth
- Leading Edge of Treatment for Fundus Disease

No. of participants: about 200 people



第73回 日本臨床眼科学会
学会長：大路 正人 (滋賀医科大学 眼科学講座 教授)

参加費無料
(先着1,000名様)

市民公開講座

2019年10月27日(日)

時間 14:00～16:00 (開場 13:30)

会場 国立京都国際会館
メインホール

いつまでも見える楽しみ

司会 大路 正人 滋賀医科大学 眼科学講座 教授	プログラム 眼底疾患の最新治療 演者 林 篤志 富山大学大学院医学薬学研究部 眼科学講座 教授
座長 駒井 潔 滋賀県眼科医会 会長	眼からアンチエイジング 演者 緒方 奈保子 奈良県立医科大学 眼科学教室 教授

学会ホームページ <https://convention.jtbcom.co.jp/73ringan/>
主催：公益財団法人日本眼科学会、第73回日本臨床眼科学会 (滋賀医科大学眼科学講座・滋賀県眼科医会)

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Office of National Committee for Prevention of Blindness (NCPB) in China

APAO
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2020

2018年中国县级医院眼科团队培训项目
县级医院管理者培训暨年度总结会



● The Government-led "Free Surgery for a Million Poor Cataract Patients" Project and "Poverty Alleviation Through Sight Restoration · Cataract Surgery" Initiative

In 2009, the "Free Surgery for A Million Poor Cataract Patients" project was launched by the former Ministry of Health and China Disabled Persons' Federation, and was listed one of the major public health service projects of national medical reform and subsidized by the central finance. By the end of 2013, over 1.75 million poor cataract patients received free cataract surgery. At the same time, a batch of county-level ophthalmic personnel were trained during the implementation of the project. The funding and coverage of project ranks the first among all the blindness prevention projects, and the project

directly benefited millions of disadvantaged people, such as the elderly and the disabled, and thus is recognized as a livelihood project trusted by people.

In March 2018, the "Poverty Alleviation Through Sight Restoration · Cataract Surgery" initiative was jointly launched by the Poverty Alleviation Office of the State Council and the National Health Commission. By August 2019, more than 70,000 cases of surgery had been performed and reported.



❖ Premier Li Keqiang unveiling the bandage for the patient



❖ Cataract surgery performed during the project

Office of National Committee for Prevention of Blindness (NCPB) in China

APAO
EYE CARE WEEK
2020

● 16-year Journey of Sight Action

In 2003, the newly restructured NCPB integrated nationwide resources and launched the "Sight Action" that focuses on epidemiological survey, professional training, medical services, and health education.

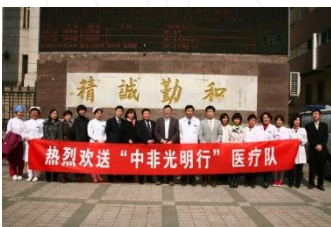
Over the past 16 years, more than 300 medical personnel participated in the Sight Action and provided free medical services in the old revolutionary base areas, minority ethnic group concentrated areas, remote areas, and poverty-stricken areas, helping about 40,000 cataract patients restore sight and providing over 100,000 persons/times of free consultation and screening for the local residents.

In 2008, the NCPB started to carry out Sight Action outside China and sent medical teams to the Democratic People's Republic of Korea and Cambodia, providing professional training and free medical services in spirit of friendship. In 2010 and 2011, the medical team performed

about 2,000 cataract surgeries in Zimbabwe, Malawi, Zambia, and Mozambique. By far, the Sight Action medical team has traveled to more than 20 countries, including Pakistan, Vietnam, Laos, Bangladesh, etc., and the Sight Action project was highly praised by their governments.



❖ Leaders from National Health Commission and NCPB visiting the patients after the surgery



❖ Sending off the Sight Action medical team of Beijing Tongren Hospital



❖ Premier Wen Jiabao speaking at the inauguration ceremony of China-Pakistan Sight Action



❖ The government of Zimbabwe issuing the banner to NCPB



❖ The "Belt and Road" Antigua and Barbuda Sight Action medical team

● 24 Years of National Eye Care Day

In 1996, 12 ministries and commissions, including the National Health Commission, the Ministry of Education and the Disabled Persons' Federation of China, listed National Eye Care Day as one of the national publicity activities. Since then, NCPB has carried out nationwide publicity activities themed on common blinding eye diseases, such as cataract, trachoma, child blindness, ametropia, and low vision, for 24 consecutive years in accordance with the global strategic goal of "eliminating avoidable blindness by 2020" proposed by WHO and the International Association for the Prevention of Blindness.

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❖ Themed posters designed for National Eye Care Day in 2012, 2014, and 2019



❖ Vice Premier Sun Chunlan attending 2019 National Eye Care Day activities



❖ Free consultation by experts on National Eye Care Day

● Myopia Control in Adolescents and Children

General Secretary Xi Jinping stressed the importance of myopia control in adolescents and children, saying that "...the whole society should act together towards improved eye care for the children and ensure them a bright future." Eight ministries and commissions, including the Ministry of Education and the National Health Commission, jointly issued the National Plan for Comprehensive Prevention and Control of Myopia in Children and Adolescents. The General Office of National Health Commission also issued the Guidelines for Prevention and Control of Myopia in Children and Adolescents, officially making myopia control a national strategy.

● Talent Development

With the goal of "eliminating avoidable blindness by 2020", NCPB promoted programs aiming to comprehensively strengthen the eye care service capacity of county-level general hospitals and establish a reasonably distributed and functional eye care services network, so as to meet the needs of the people.

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❖ Inauguration ceremony of the "Standardized Training to Elevate Eyecare in Rural China" (STEER) project



❖ Annual Meeting of CHINA-STEER in 2018



❖ Training course of the management of blindness prevention in 2014

● 10 Years of International Low Vision Forum

To provide an international platform to promote the science of low vision rehabilitation in China, under the guidance of the Medical Administration Bureau of the National Health Commission and the rehabilitation department of the China Disabled Persons' Federation, NCPB has held ten international low vision rehabilitation forums by far.



❖ The 10th International Low Vision Rehabilitation Forum

● Elimination of Trachoma in China

Trachoma was once the leading cause of blindness in China. In 1958, the first national trachoma control plan was issued. In September 1999, the Chinese government signed the Vision 2020 initiative, with eliminating blinding trachoma as one of its goals. With the great effort of the government, the academic community and all health professionals in the prevention and control of trachoma, the second national sample survey of disabled people in

2006 showed that trachoma was no longer the leading cause of blindness in China.

In order to further confirm the prevalence of trachoma, in September 2012, the third phase of "Sight First China Action" project, also known as the "Eliminating Blinding Trachoma in China before 2016" project, was launched in Beijing to screen trachoma and evaluate its prevalence.

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The project screened more than 8,000 children aged about 7 years and nearly 88 million residents aged over 15 years, and provided free treatment for 16 patients with active trachoma and 1,334 patients with trichiasis. The

evaluation results revealed that China met the requirements of WHO for the elimination of blinding trachoma in 2014.



❖ (1) On May 14, 2004, the former Ministry of Health, China Disabled Persons' Federation, and Lions International jointly discussed the plan to eliminate blinding trachoma in China / (2) Training of trachoma screening personnel

❖ (1) NCPB and WHO experts screening for trachoma in schools / (2) On May 18, 2015, Director Li Bin of National Health and Family Planning Commission announced that China met the requirements of WHO for the elimination of blinding trachoma in 2014 at the 68th World Health Assembly

● Data Collection for Blindness Prevention

Collection of data for blindness prevention is an important part of the blindness prevention work. The top academic teams in China carried out large-scale epidemiological surveys, such as the Handan Eye Study (providing data on the prevalence, causes and risk factors of visual disability in rural China), national survey on ophthalmic resources (providing important data for the evaluation of the national 13th five year plan and for determination of work focus in the 14th five year plan), nine-province survey (revealing a decline in China's blindness rate), and Anyang Childhood Eye Study, which was the largest myopia cohort study in China.

The Anyang Study obtained data on incidence, development trend, and serious complications of myopia and high myopia among school-age children in China, and found the risk factors and protection factors related to myopia. The Study also revealed effective myopia intervention measures, which provided epidemiological support for the proposition and implementation of national myopia control strategy.

These epidemiological surveys provided credible data for the formulation of blindness prevention policies.



❖ Prof. Ningli Wang (first left), Head of NCPB, was discussing the protocol with Prof. Paul Michel, Person-in-Charge of Blue Mountain Eye Study



❖ Local junior high school students receiving eye examinations

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The Royal Australian and New Zealand College of Ophthalmologists (RANZCO) is the medical college responsible for the training, examination, and professional development of ophthalmologists in Australia and New Zealand. Through launching various scholarship, training,

and development programs, RANZCO seeks to contribute to the reduction in avoidable blindness and vision impairment by taking a role in ensuring high quality ophthalmic education and professional standards for eye care in the Asia-Pacific region.

● International Scholarship Program

The International Scholarship Program (ISP) aims to contribute to the professional development of ophthalmologists, support peer-to-peer networking, and create linkages between RANZCO and societies in the Asia-Pacific region.



❖ Scholarship recipients from Cambodia, Papua New Guinea, and Vietnam



❖ Scholarship recipients including 4 APAO LDP graduates from Mongolia, Bangladesh, Sri Lanka, and Nepal

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● Fellowship

The fellowship training model follows a structured program of teaching visits by international ophthalmologists, both in-country and in Australia/New Zealand. The aim of the fellowship is to build capacity of local medical and nursing eye care personnel in subspecialty areas who were

chosen according to proven local need and technical feasibility. It is customized by RANZCO to ensure least disruption to service provision locally and to capitalize on learning opportunities at Australian/New Zealand hospitals and visits.



❖ Oculoplastics teaching in Pacific islands



❖ Dr. Naviri (left) and Dr. Pikacha (right) who did vitreo-retinal fellowships



● Capacity Building in Papua New Guinea, Teaching Visits and External Examiner Support

RANZCO Fellows have regular teaching visits to University of Papua New Guinea and Pacific Eye Institute to provide registrar training and continuing professional development opportunities for ophthalmologists.



❖ RANZCO Fellows with Papua New Guinea and Pacific Islands faculty



❖ A procedure being conducted during teaching visit to Pacific Eye Institute

● International Development Workshop

Annual workshop has been held in conjunction with the RANZCO Scientific Congress. The workshop, convened by the International Development Committee and collaborating with Special Interest groups according to

the chosen theme, brings together all companions working in the international eye care space who are keen to engage in a day of sharing their experiences and/or learning more about working in low resource settings.

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❖ Attendees took part in the workshop activities during the International Development Workshop

● Curriculum Development and Assessment

Curriculum development and assessment activities have been carried out to develop and strengthen ophthalmic education and professional standards in the Asia-Pacific region.



❖ RANZCO assisting faculty in Suva, Fiji and Phnom Penh Cambodia

● Hosting APAO Leadership Development Program in Sydney, August 2019

RANZCO was privileged to host the APAO LDP 2019 Masterclass event in Sydney in 2019. The APAO LDP aims to build leadership and advocacy skills of ophthalmologists, support ophthalmologists who work for

the greater good of the community and ophthalmology as a profession, and to develop the next generation of ophthalmic leaders.



❖ APAO LDP 2019 participants on Sydney Harbour



❖ APAO LDP 2019 Masterclass participants at Q-station, Sydney, Australia