



IACLE

International Association
of Contact Lens Educators

IACLE ACTIVITY SUMMARY

2017 JAN - DEC

CONTENTS

*	3	OUR MEMBERS
*	6	2017 FELLOWSHIP EXAM
*	8	STUDENT TRIAL EXAM
*	10	IACLE RESOURCES
*	12	IACLE AWARDS
*	15	MAJOR EVENTS
*	19	NEW INITIATIVES IN 2017
*	20	SUPPORT IN 2017



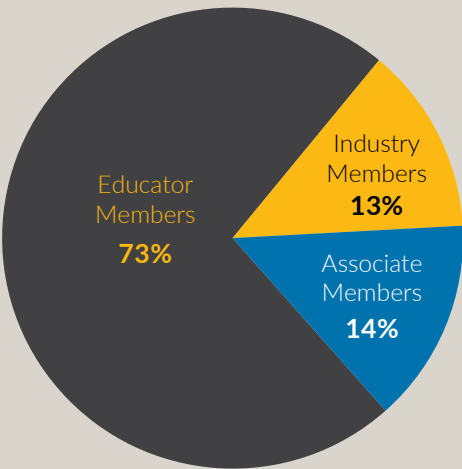
OUR MEMBERS

Since 1990, IACLE has provided resources and training to more than 2,200 members – contact lens educators from 91 different countries around the world.

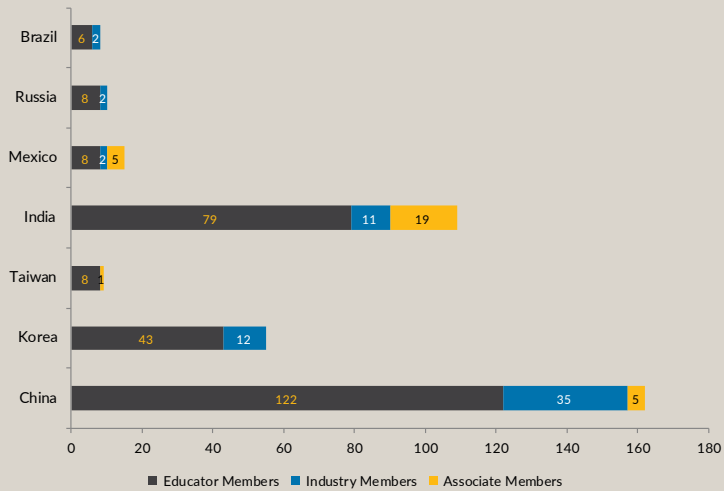
2017 MEMBERSHIP

EDUCATOR MEMBERS	567
INDUSTRY MEMBERS	103
ASSOCIATE MEMBERS	112
TOTAL MEMBERS	782

MEMBERS BY REGION



TOTAL MEMBERSHIP IN GLOBAL PRORITY COUNTRIES



ABOVE: More than 100 delegates from 20 countries joined the IACLE Congress on Contact Lens Education in Hyderabad, India. The meeting was facilitated by IACLE thanks to the generous support of industry partners Alcon, CooperVision and Johnson & Johnson Vision

**IACLE MEMBERS TAUGHT
AT 560 ACADEMIC
INSTITUTIONS
WORLDWIDE AND
WE ESTIMATE THEY
REACHED ALMOST
19,600 STUDENTS.**

At the close of 2017, our membership was comprised of 782 active members* in 71 countries, of whom 368 (47% of total membership) were from Global Priority Countries (China 162, India 109, Korea 55, Taiwan 9, Mexico 15, Brazil 8 and Russia 10).

*Note that from 2015, our membership figures denote those members that have paid their annual dues as at 31 December.



IACLE MEMBER

Dr Ithar Beshtawi, of An-Najah National University, Palestine, receiving her membership certificate from Dr Shehzad Naroo, IACLE President.

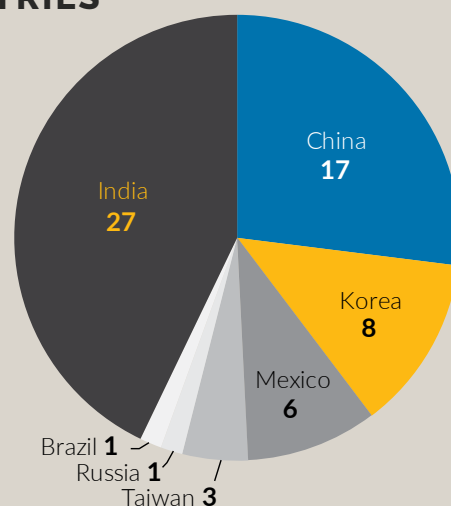
2017 FELLOWSHIP EXAM

A total of 154 candidates sat the 2017 exam - 84 were successful, with a pass rate of 55%. The Asia Pacific region fielded the most candidates (71), closely followed by the Americas (63), with 20 from Europe / Africa – Middle East. India was the country with the highest representation, with 27 candidates. Although a majority of those sitting the exam were Educator Members, 33 Associate Members, including 15 from industry and seven professional affairs personnel, took part.

The highest marks were achieved by UK optometrist and educator Andrew Elder Smith, a consultant to the contact lens industry, and by French educator Marina Barthe from the Institut Supérieur d'Optique in Bordeaux (both pictured below). Wei Ma, an ophthalmologist from Sichuan Medical University, China had the next highest score.

Twelve existing FIACLEs re-sat the exam, including FIACLE Ruben Velazquez, an educator at the Universidad Nacional Autonoma de Mexico who has taken part in a record 10 Fellowship Exams. FIACLEs Rolando Rojas from Perú and Daniela Garesi from Uruguay have passed the exam each of the eight times they have participated.

2017 FELLOWSHIP EXAM PARTICIPATION IN GLOBAL PRIORITY COUNTRIES



ANDREW ELDER SMITH

UK optometrist and educator



MARINA BARTHE

Institut Supérieur d'Optique in Bordeaux

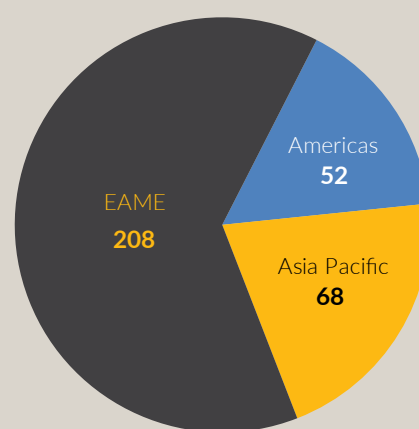


FELLOWS OF IACLE (FIACLES)

A total of 72 members are eligible to apply for FIACLE status after successfully completing the 2017 Fellowship Exam in November.

As of February 2018, there were 328 active FIACLEs worldwide and 57% were from Global Priority Countries.

FIACLES BY REGION



DISTANCE LEARNING PROGRAM (DLP)

The DLP is a self-study program designed to improve contact lens educators' knowledge. The program provides a study aid for the IACLE Contact Lens Course, by having the member work through the entire course module by module. As a result this program is essential preparation for the IACLE Fellowship Exam.

Of the 2017 Fellowship Exam participants, 21 members completed the DLP. Fifteen (71%) of these members achieved a successful exam outcome.

The DLP will be updated in 2018 to match the New IACLE Contact Lens Course.

STUDENT TRIAL EXAM

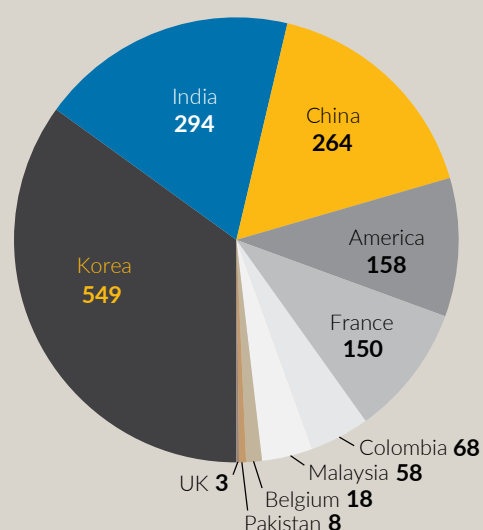
The STE is a standard-level test that assesses students' contact lens knowledge and is recommended for final-year students or newly qualifying graduates.

The exam has been delivered worldwide since 2001 and from 2009-2018 as many as 11,570 students have participated.

In 2017, 45 STEs were administered to 1,570 students at 44 institutions in 10 countries worldwide.

The global overall mean score was 58% with a global overall pass rate of 68%.

STUDENT STE PARTICIPATION TOTAL BY COUNTRY



STUDENT TRIAL EXAMS 2017

Regions	Countries	Total No Exams	Total No Students
Asia Pacific (China, India, Korea, Malaysia, Pakistan)	5	36	1173
EAME (France, Belgium, UK)	3	7	171
Americas (Colombia, USA)	2	2	226
TOTAL	10	45	1570

IACLE prepares STE reports on students' outcomes which provide advice for educators on where knowledge is strong or lacking. Here is a summary of outcomes from 2017 for national pass rates and overall mean scores in the countries actively participating in the STE in 2017.

STUDENT TRIAL EXAM OUTCOMES 2017

Countries where STEs were conducted	No. STEs conducted	Student Total	National Pass Rate	National overall mean score
Belgium	1	8	56%	49%
Colombia	1	68	9%	39%
France	5	150	74%	54%
India	11	294	48%	50%
Korea	16	549	80%	63%
Malaysia	2	58	79%	56%
Pakistan	1	8	100%	60%
UK	1	3	100%	57%
USA	1	158	70%	52%
China	6	264	77%	59%



ABOVE: Segi University, Malaysia. Students who passed the STE holding their certificates

IACLE RESOURCES

IACLE RESOURCE CENTRES

At the close of 2017 we had 109 active Resource Centres in 34 countries worldwide, 52% of which were in Global Priority Countries (India 23, China 20, Korea 9, Mexico 3, Russia 2 and Taiwan 1).

IACLE members take on the role of Resource Centre Coordinator to establish and run these educational centres within institutions. Resources are downloaded from IACLE's website and hard copies stored in the Resource Centres are available on loan to service educators' and their students' needs.



NEW IACLE CONTACT LENS COURSE

The New IACLE Contact Lens Course is IACLE's longest established primary resource for educators worldwide and covers all aspects of contact lens education from the anatomy of the cornea to the business of contact lenses.

Since 2015, the course has been revised and updated by the world's leading authorities in contact lenses and in 2017 comprised five modules and 30 PowerPoint lectures. A new module on 'Myopia and its Management' was in preparation, due for release early in 2018.

The New ICLC is available exclusively to IACLE members.
A sample lecture can be found at www.iacle.org.

NEW Myopia and its Management Module

- F1 - Emmetropization in the Context of Myopia
 - F2 - Methods of Controlling Myopia
 - F3 - Contact Lenses for Myopia Control
-



ONLINE RESOURCES AND SERVICES

Resources are accessed via Member Login, in the secured portal on IACLE's website. Here we provide an expanding virtual library of contact lens materials, which service our members' educational and teaching needs.

Resources / Services	Description
Educational Programs	Distance Learning Program (available in English, Spanish {simplified}, Chinese, and Bahasa). New DLP coming in 2018
Contributed Resources	Member / non-member resource materials, ie presentations, articles, case studies, posters, charts etc
New ICLC (IACLE Contact Lens Course)	Covers all aspects of contact lens education – from the anatomy of the cornea to the business of contact lens practice – in just 5 modules and 30 lectures in PowerPoint format. Exclusively available to members only
IACLE Case Reports Series	20 English Case Reports. Translations in Spanish (15), Portuguese (15), Chinese (15), Korean 4 (more pending) NOTE: Case Report 'Lens Care & Handling' is available free for all to download
Image Gallery	IACLE's and AOCLE's image collections: PowerPoint slides including photographs of eye conditions Alcon Image Library – access for FIACLEs
Video Resources	Educational lectures on film: teaching tips and methods, e-learning and new technologies, how to utilize IACLE resources (also streamed on our global Facebook page) Video animations - general SCL fitting behaviour, ideal behaviour as well as clockwise and anti-clockwise rotations
Monthly E-Newsletters	Includes updates on membership, our programs/services/ resources, regional/global news/events and industry updates.
Research Opportunities	For our members and Industry supporters that are conducting research and would like to invite our members to participate, IACLE can offer to distribute, by email, your requests to our membership database
Contact Lens Fitting Sheets & Clinical Assessment Forms	Provides students with a template listing the information they should record while examining a contact lens fit
Links to Useful Resources	Various links under a growing range of options, ie Contact Lens Research Institutes, Search Facilities, Peer-Reviewed Journals, Practitioner Journals, News Services, Contact Lens Organisations, Industry Educational Sites, How to Evaluate Clinical Research, Industry Magazines
IACLE PowerPoint Presentation Library	IACLE Education Team and IACLE Executive Board members provide their educational PowerPoint presentations to IACLE members
Research Update	A monthly summary e-notice of important and interesting contact lens-related research papers published in the literature for quick reference

IACLE AWARDS

2017 IACLE CONTACT LENS EDUCATOR OF THE YEAR AWARDS

The IACLE Contact Lens Educator of the Year Awards recognize and reward achievements in contact lens education worldwide. Sponsored by CooperVision, three awards covering IACLE's key regions were presented in 2017, at the 40th British Contact Lens Association (BCLA) Clinical Conference and at the IACLE Congress on Contact Lens Education held in India.



PROFESSOR KOON-JA LEE

2017 IACLE Asia Pacific
Contact Lens Educator of the Year



PROFESSOR JAN BERGMANSON

2017 IACLE Americas
Contact Lens Educator of the Year



DR YAZAN GAMMOH

2017 IACLE Europe / Africa – Middle East
Contact Lens Educator of the Year

2017 IACLE TRAVEL AWARDS

These annual awards enable IACLE members to travel to international contact lens meetings and are supported by all the sponsors of IACLE.

2017 Travel Award recipient Kristina Mihić, from the University of Applied Sciences Velika Gorica, Croatia (left) attended the 40th BCLA Clinical Conference.

Dr Lina María Rodríguez Cely from the Federación Colombiana de Optómetras, Colombia (centre) and Premjit Bhakat from the Department of Optometry, School of Allied Health Sciences at Manipal University, India (right) attended the Association of Optometric Contact Lens Educators (AOCLE) Annual Workshop at the University of Missouri – St Louis.



KRISTINA MIHIĆ

University of Applied Sciences
Velika Gorica, Croatia



DR LINA MARÍA RODRÍGUEZ

Federación Colombiana de
Optómetras, Colombia



PREMJIT BHAKAT

Department of Optometry,
School of Allied Health Sciences at
Manipal University, India



IACLE LIFETIME ACHIEVEMENT AWARD

Professor Deborah Sweeney (pictured center) received the award at the IACLE Congress on Contact Lens Education.

Her contribution to global contact lens education includes serving as IACLE President from 2000-2011, and as its Secretary and Treasurer for 10 years, having first become a member in 1990.

Professor Sweeney has held executive roles at the Cornea & Contact Lens Research Unit, School of Optometry and Vision Science University of New South Wales, Cooperative Research Centre (CRC) for Eye Research & Technology and Vision CRC in Australia. Her current role is Pro Vice Chancellor Research and Innovation at the University of Western Sydney.

MAJOR EVENTS

IACLE CONGRESS ON CONTACT LENS EDUCATION,
HELD IN HYDERABAD, INDIA ON 9-10 SEPTEMBER WAS
OUR MAJOR EVENT IN 2017.

The theme for the congress was 'Translating contact lens knowledge into increasing contact lens penetration'. Compiled by IACLE Vice President Dr Luigina Sorbara, the two-day program featured a combination of updates on the latest thinking on contact lens management, and practical ways to improve teaching and assessment techniques.

Nearly half of the delegates were from India where – as in many parts of the world – contact lens educators also work in clinical practice. Other Asian countries and the Middle East were also well represented, although educators came from all three of IACLE's global regions, including countries as diverse as Eritrea, Guatemala and Trinidad & Tobago.



2017 MEETINGS, TRAINING & EVENTS SUMMARY

EDUCATOR MEETINGS

We conducted eight Educator Meetings for 278 attendees, providing 111 hours of education across all three regions (Latin America 3, Asia Pacific 4, and Europe 1).

IACLE EDUCATOR MEETINGS 2017

Region	Educator Meeting Total	Attendee Total	Total Hours of Education
Latin America (Argentina, Colombia, Ecuador)	3	19	12
Asia Pacific (Indonesia, China, India, Korea)	4	179	91
Europe (UK)	1	80	8
TOTALS	8	278	111



TRAIN-THE-TRAINER PROGRAMS

IACLE's highly accredited educators provided three Train-the-Trainer Programs for 63 attendees, offering 32 hours of training in Latin America and Asia.

TRAIN-THE-TRAINER PROGRAMS 2017


Countries	Attendee Total	Total Hours of Education
Colombia	30	8
Mexico	25	8
China	8	16
TOTALS	63	32



WEB LECTURES

IACLE's Education Team, with the assistance of FIACLEs/members, broadcast live Web Lectures and Discussion Forums using platforms such as WebEx and Skype, and WeChat in China. IACLE utilized the web to provide education to 1,060 students/educators and a total of 29 hours of education.


WEB LECTURES 2017

Broadcast Locations	Attendee Total	Total Hours of Education	
14 in the Americas (1 USA, 7 Colombia, 3 Argentina, 3 Mexico)	295	16	
8 in Asia Pacific (1 Indonesia, 4 China, 3 India)	765	13	
TOTALS	1060	29	

CONTINUING EDUCATION (CE) EVENTS

Eighteen CE events were carried out across two regions – Latin America and Asia Pacific – with a total of 1,042 attendees and 206 hours of education.

CONTINUING EDUCATION EVENTS 2017

Region	CE Events Total	Attendee Total	Total Hours of Education	
Latin America (7 Colombia, 2 Peru, 2 Ecuador)	11	699	72	
Asia Pacific (6 China, 1 Indonesia)	7	343	134	
TOTALS	18	1042	206	

INDUSTRY SEMINARS

Eight Industry Seminars were conducted in 2017 for a total of 425 attendees, providing 28 hours of education

INDUSTRY SEMINARS 2017

Countries	Sponsoring Company	Attendee Total	Total Hours of Education
Peru	3 Industry Seminars (J&J Vision Care 2, Alcon 1, CooperVision 1)	125	8
Indonesia	3 Industry Seminars (J&J 2, Alcon 1)	160	9
China	2 Industry Seminars (J&J, B+L)	140	11
TOTALS	8	425	28



IACLE'S PAGE HAS 2,718 FOLLOWERS
OVER 2,600 LIKES & COUNTING...

NEW INITIATIVES IN 2017

RESEARCH UPDATE

Compiled by the IACLE Education Team and supported by the British Contact Lens Association, Research Update is a new resource introduced in January 2017, available exclusively to IACLE and BCLA members to support their teaching and practice.

This initiative provides educators multiple opportunities, such as to:

- Teach evidence-based science and practice
- Make your interactions with students more engaging and meaningful
- Encourage critical analysis of research papers
- Keep up to date in your area of interest
- Generate ideas for future research topics
- Explore the possibility of collaboration in common areas of interest



IACLE RADIO

IACLE in the World is a new weekly broadcast via Franja Visual Radio, a web-based program with an audience of more than 100 eye care practitioners in Latin America. Each program includes two IACLE members invited to discuss contact lens education, clinical topics, the contact lens market and IACLE events.

In 2017, five programs were aired and the topics discussed were:

- Education in Latin America
- Opportunities to fit CLs to children
- Productivity in CL practice
- Presbyopia and CL opportunities
- Contact lens management



SUPPORT IN 2017

Platinum Sponsor Alcon, Silver Sponsors CooperVision and Johnson & Johnson Vision, and Donor Sponsor Euclid Systems together help support IACLE's high-quality contact lens programs worldwide. In the last quarter of 2017 Bausch + Lomb, a division of Valeant Pharmaceuticals International Inc, renewed its support for IACLE by becoming a sponsor at the Bronze level.

THANK YOU TO OUR 2017 SPONSORS

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INTERNATIONAL ASSOCIATION OF CONTACT LENS EDUCATORS

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