

NCC 'FUTURE GENERATION 2024' POSTER Abstracts
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NCC 'Future generation 2024'

Organization Section: NCC/ BCLA

POSTER Abstracts

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Delivering an online global multilingual student contact lens examination

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Purpose: The International Association of Contact Lens Educators (IACLE) supports educators across 81 countries to deliver a global contact lens curriculum through their contact lens course (ICLC). This includes an online universal multilingual student assessment (The Student Trial Exam, STE), available in six languages, and currently the only international multilingual assessment for optometry students in the world. This study explored global participation and scores among our different online STE modes and languages.

Method: The STE is available in Bahasa, Chinese, English, French, Korean and Spanish. Two modes are available. The Basic STE (B-STE) including 50 Multiple Choice Question (MCQs) for early contact lens learners to assess their basic contact

lens (fitting) knowledge. The original STE with the option of 50 (50-STE) or 100 (100-STE) MCQs is for final year students and assesses 8 sub-categories ranging from basic optics to CL complications. Online assessments completed between Sep 2020 and Sep 2023 were analysed.

Results: 4,029 students from 108 institutions spanning 13 countries have participated in the exams since 2020. Five institutions conducted B-STE, 31 ran 50-STE, and 72 ran 100-STE with the language breakdown: Bahasa 1, Chinese 14, English 56, French 2, Korean 34 and Spanish 1. The mean score was 57% ranging from 40 to 85%. There was no difference between the 50 and the 100 set questions results.

Conclusions: The IACLE STEs in a variety of formats did not impact the outcome. The STE may act as a mock exam for students, resulting in student and teacher's understanding of potential gaps within knowledge and support towards university exam preparation. The ICLC and the STEs with its standardisation of questions between languages could potentially act as a golden standard in teaching and assessment competency on contact lenses.

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