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36 週年暨 2020 年年會暨第四次學術研討會

2nd Asia Pacific international Symposium on Advances in Medical Ultrasound

8th International Symposium on Automated Whole Breast Ultrasound and

36th Anniversary & 2020 Annual Convention of Taiwan Society of Ultrasound in Medicine

October 17-18, 2020

地點:台北國際會議中心

General Information

Abstracts should include background, materials and methods, results and conclusion. Do not include references or acknowledgements. The length of the abstract should <u>not exceed 300 words</u>, <u>no figures.</u> All abstracts must be written in English.

Title: The title should be first letter capital.

Authors: Type names of authors, institution, city and country. **Key words:** Not more than three to five key words or short phrases.

On-line Submission: 請您至學會網站 www.sumroc.org.tw 點選年會專區 - 線上投稿。

Deadline: July 31, 2020

Sample :

Biometric Difference in Primary Angle-Closure Glaucoma: Study on Lens

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Background: As a couse of shallow anterior chamber, certain variables of the lens are considered to be important risk factors for primary angle-closure glaucoma.

Materials and Methods: Using A-scan ultrasound, intraindividual comparisons of eye lens thickness were carried out in 41 patients with mature cataract in one eye and intumescent lens in the other.

Results: The average thickness of an intumescent lens $(4.52\pm0.50\text{ mm})$ is greater than that of a mature lens $(4.02\pm0.62\text{ mm})$, (p<0.001). No significant difference existed in the depth of the anterior chamber or axial length.

Conclusion: The A-scan results confirmed the importance of lens factors in primary angle-closure glaucoma involving "constitutional" or hereditary elements, as well as lens growth form aging and intumescent lens during cataract formation.

(Key words: A-scan ultrasonography, primary angle-closure glaucoma, intumescent lens, cataractous lens)