Pentacam Literature Guide
Refractive Studies:

2014

A Prospective Study of Pterygium Excision and Conjunctival Autograft With Human Fibrin Tissue Adhesive: Effects on Vision, Refraction, and Corneal Topography
Stuti Misra, MSc, BOptom, Jennifer P. Craig, PhD, MCOptom, Charles N.J. McGhee, PhD, FRCPht, Dipika V. Patel, PhD, MRCOphth
Asia-Pacific Journal of Ophthalmology & Volume 3, Number 4, July/August 2014

Repeatability and agreement of three Scheimpflug based imaging systems for measuring anterior segment parameters in keratoconus
Rohit Shetty, Vishal Arora, Chaitra Jayadev, Rudy Nuijts, Mukesh Kumar, Narendra K, Puttaiah, Mathew Kurian Kummelil
IOVS Papers in Press. Published on July 29, 2014 as Manuscript iovs.14-15055

Independent Population Validation of the Belin/Ambrosio Enhanced Ectasia Display: Implications for Keratoconus Studies and Screening
Ovette F Villavicencio, Fatimah Gilani, Maria A Henriquez, Luis Izquierdo Jr, Renato Ambrosio Jr, Michael W Belin
DOI : 10.5005/jp-journals-10025-1069

Anterior and Posterior Corneal Changes after Crosslinking for Keratoconus
Johannes Steinberg, Mariam Ahmadiyar, Anika Rost, Andreas Frings, Filip Filev, Toam Katz, and Stephan J. Linke
Optometry and Vision Science, Vol. 91, No. 2, February 2014
Keratoconus Management: Long-Term Stability of Topography-Guided Normalization Combined With High-Fluence CXL Stabilization (The Athens Protocol)
Anastasios John Kanellopoulos, MD; George Asimellis, PhD

Curvature Analyses of the Corneal Front and Back Surface
Bo`o Vojnikovi, Nikica Gabri, Iva Dekaris and Branka Juri

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Normative values for corneal densitometry analysis by Scheimpflug optical assessment
Sorcha Ní Dhubhghaill MB PhD, Jos J. Rozema MSc PhD, Sien Jongenelen MD, Irene Ruiz Hidalgo MSc, Nadia Zakaria MD PhD, Marie-José Tassignon, MD PhD.
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Anastasios John Kanellopoulos, George Asimellis
Clinical Ophthalmology 2013:7 1539-1548

Comprehensive anterior segment normal values generated by rotating Scheimpflug tomography
Fatimah Gilani, MD, Michael Cortese, OD, Renato R. Ambr_osio Jr, MD, PhD, Bernardo Lopes, MD, Isaac Ramos, MD, Erin M. Harvey, PhD, Michael W. Belin, MD
Shape of the anterior cornea: Comparison of height data from 4 corneal topographers
Tim de Jong, MSc, Matthew T. Sheehan, MSc, PhD, Michiel Dubbelman, MSc, PhD, Steven A. Koopmans, MD, PhD, Nomdo M. Jansonius, MD, PhD

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Quality of Vision in Eyes After Selective Lamellar Keratoplasty
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Massimo Camellin, MD; Giacomo Savini, MD; Kenneth J. Hoffer, MD; Michele Carbonelli, MD; Piero Barboni, MD
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Georgios Labiris, MD, PhD, Athanassios Giarmoukakis, MD, Haris Sideroudi, PhD,
Pentacam based phototherapeutic keratectomy outcome in superficial corneal opacities
Mohammad A Rashad

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Rie Ishii, MD, Kazutaka Kamiya, MD, PhD, Akihito Igarashi, MD, PhD, Kimiya Shimizu, MD, PhD, Yoshikazu Utsumi, MD, PhD, and Takashi Kumanomido, MD
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Kamiar Mireskandari, MBCh, FRCS, FRCOphth, PhD, Nasrin N. Tehrani, MBChB, MSc, FRCS
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International values of corneal elevation in normal subjects by rotating Scheimpflug camera
Matthew T. Feng, MD, Michael W. Belin, MD, Renato Ambr осio Jr, MD, PhD, Satinder P.S. Grewal, MD, Wang Yan, MD, PhD, Mohamed Shafik Shaheen, MD, PhD, Charlotte A. Jordon, BOptom, Charles McGhee, MD, PhD, Naoyuki Maeda, MD, Tobias H. Neuhann, MD, H. Burkhard Dick, MD, PhD, Andreas Steinmueller, MSc
Corneal topography indices after corneal collagen crosslinking for keratoconus and corneal ectasia: One-year results
Steven A. Greenstein, BA, Kristen L. Fry, OD, MS, Peter S. Hersh, MD

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Gilda Cennamo, MD, PhD, Raimondo Forte, MD, PhD, Bernardino Aufiero, COT, Agostino La Rana,MD

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Novel Pachymetric Parameters Based on Corneal Tomography for Diagnosing Keratoconus

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**Comparison of anterior segment measurements with rotating Scheimpflug photography and partial coherence reflectometry**

Jinhai Huang MD, a Konrad Pesudosv PhD, Daizong Wen MD, Shihao Chen MD, OD, Thomas Wright BPsyc (Hons), Xiaoyu Wang MD, Yini Li MD and Qinmei Wang MD


**Posterior Corneal Elevation After LASIK With Three Flap Techniques as Measured by Pentacam**

Dilraj S. Grewal, MD; Gaganddeep S. Brar, MD; Satinder Pal Singh Grewal, MD

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Pawan Prasher, MD, Orkun Muftuoglu, MD, R. Wayne Bowman, MD, H. Dwight Cavanagh, MD, PhD, James P. McCulley, MD, V. Vinod Mootha, MD

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Bruno M. Fontes, MD, Renato Ambrósio, Jr, MD, PhD, Daniela Jardim, MD, Guillermo C. Velarde, DSc, Walton Nosé, MD;
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Comparison of central corneal thickness measurements by Pentacam, noncontact specular microscope, and ultrasound pachymetry in normal and post-LASIK eyes
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Department of Ophthalmology, College of Medicine, King Saud University, Riyadh, Saudi Arabia

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Andrew KC Lam PD(Optom) MPhil PhD FAAO, Davie Chen BSc(Hons);

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Omur Ozlenen Ucakhan, MD, Muhip Ozkan, PhD, Ayfer Kanpolat, MD

Comparison of Central Corneal Thickness Measurements by Rotating Scheimpflug Camera, Ultrasonic Pachymetry, and Scanning-Slit Corneal Topography
Shiro Amano, MD Norihiko Honda, MD Yuki Amano, MD Satoru Yamagami, MD Takashi Miyai, MD Tomokazu Samejima, COT Miyuki Ogata, COT Kazunori Miyata, MD;
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