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Altri autori (Persone)	WeinrebRobert N. <1949-> HarrisAlon
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Nota di contenuto	PREFACE; WELCOME; ANATOMY AND PHYSIOLOGY Louis Pasquale, Jost Jonas, Douglas Anderson; Anatomy of blood from the heart to the eye; Blood supply of the optic nerve; Overview of blood flow regulation in general; The mediators of autoregulation; The anatomic underpinning of ocular blood flow control; The ocular vasculature and its role in regulating blood flow to the optic nerve and; CLINICAL MEASUREMENT OF OCULAR BLOOD FLOW Alon Harris, Ingrida Januleviciene, Brent Siesky, Leo Schmetterer, Larry Kageman, Ingeborg Stalmans, Ali Hafez, Makoto Araie, Chris Hudson, John Flanagan, Sub Color Doppler ImagingLaser Doppler Flowmetry and Scanning Laser Flowmetry; Retinal Vessel Analyzer; Blue Field Entoptic Stimulation; Laser Interferometric Measurement of Fundus Pulsation; Dynamic Contour Tonometry and Ocular Pulse Amplitude; Pulsatile Ocular Blood Flow (POBF) Analyzer; Laser Speckle Method (Laser Speckle Flowgraphy); Digital Scanning Laser Ophthalmoscope Angiography; Bi-

directional Laser Doppler Velocimetry and Simultaneous Vessel; Doppler Optical Coherence Tomography; Retinal Oximetry; CLINICAL RELEVANCE OF; What is the evidence supporting a role for ocular blood flow
Clinical evidence derived from different measurement parameters1.C Evidence from experimental animal studies; What disease mechanisms lead to impaired blood flow in glaucoma?; Ocular versus systemic causes; Systemic factors; Vascular dysregulation/perfusion instability; What is the impact of medication and other modifiable factors on; IOP-lowering topical medication; Systemic drugs; Ocular surgery, exercise; Does modulation of blood flow alter glaucoma progression?; 4. Glaucoma and systemic vascular disease; Systemic disease and glaucoma patients; Diabetes; Cardiovascular diseases
SHOULD MEASUREMENTS OF OCULAR BLOODInterpreting clinical studies; WHAT DO WE STILL NEED TO KNOW? Alon Harris, Felipe Medeiros, Rita Ehrlich, Vital Costa, Brent Siesky, Ingrida Januleviciene, Claude Burgoyne; Ocular blood flow and visual function in glaucoma patients; Ocular perfusion pressure and prevalence and progression of glaucoma; Ocular blood flow and optic nerve head structure; The relationship between intraocular pressure and ocular blood flow; The relationship between cerebrospinal fluid pressure and glaucoma; Future research; SUMMARY CONSENSUS POINTS; INDEX OF AUTHORS

Sommario/riassunto

This is the sixth World Glaucoma Association Consensus. The relationship between ocular blood flow and glaucoma has been discussed for more than a century, and still it uniformly fuels debates at glaucoma meetings throughout the world. Clearly, the results of this report will have broad and significant impact on glaucoma research and clinical practice. The global faculty, consisting of leading authorities on the scientific and clinical aspects of ocular blood flow, have met in Fort Lauderdale on May 2, 2009 to discuss the reports and refine the consensus statements