



METADATA

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Authors: Chandrinou, A., Professor, UNIWA, Tzamouranis, D.-D., Special Scientist, UNIWA Mouzaka, A., Special Scientist, UNIWA, Karetsois, G., Special Scientist, UNIWA

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Abstract

Optometry is an autonomous profession in the field of health, which requires special training and is governed by specific rules. The science of Optometry includes a number of special techniques for diagnosing and investigating optometric problems. Visual acuity is the measurement of the ability to distinguish two stimuli, which are separated in space, in high contrast compared to the background. Visual acuity is a measure of a person's ability to analyze minimal details. The recording of visual acuity is used to evaluate the adequacy of corrective glasses but also as a general indicator of eye health and good vision function. Visual acuity is also used to assess whether or not a person is capable of driving a vehicle or hired for certain professions. Sensitivity of light contrast is a psychophysical examination of the quality of vision. It is based on the change of the spatial frequency of the fixed targets, either by the projection

of stimuli of gradual damping of its intensity, or by the formation of a periodic increase and decrease of it (as in gratings), which usually differ only in spatial frequency. Emmetropia is the ideal refractive effect in which the distal point of clear vision is at infinity. When the distal point is not at the infinity, the effect is called ametropia, the eye is called ametropic leading to a blurred vision. Adaption is a change in the visual power of the eye in order to form a clear image at different distances. This is achieved by the "mechanism" of adjustment. As a normal part of the aging process, the lens becomes less elastic with age due to the hardening of the lens fibers and capsular changes. The provision of eye health services requires excellent record keeping and data collection. Comprehensive record keeping ensures the continuity of eye care, meets medical and legal requirements and highlights professionalism.

