

Cataract anamnesis/medical background acquisition system

Friday, 14 October 2016 09:30 (30)

Kirillovykh E.V., Nikitaev V.G.,¹ Ulin S.E.¹, Polyakov E.V.¹, Trubilin V.N., Orlova O.M..

¹National Research Nuclear University «MEPhI» (NRNU MEPhI) Russia, 115409, Moscow, Kashirskoe shosse, 31 2Ophthalmology Centre FMBA of Russia Russia 123098, Moscow, Gamalei st., 15.

Automation aid system for an ophthalmologist is being proposed. The system is to enable an ophthalmologist to gather/acquire primary medical background by means of questioning. Application of the system will facilitate early cataract diagnosis. The system will allow a doctor to select a possible kind of intraocular lens for phacoemulsification. Results of the system's operation are presented.

Primary author(s) : Ms. KIRILLOVYKH, Ksenia (student); Mr. NIKITAEV, Valentin (prof)

Co-author(s) : Mr. POLYAKOV, Evgeniy (postgraduate)

Presenter(s) : Ms. KIRILLOVYKH, Ksenia (student)

Session Classification : Poster session - V

Track Classification : Methods of experimental physics