

# Cataract anamnesis/medical background acquisition system

*Friday, 14 October 2016 09:30 (30)*

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

<sup>1</sup>National Research Nuclear University «MEPhI» (NRNU MEPhI) Russia, 115409, Moscow, Kashirskoe shosse, 31  
<sup>2</sup>Ophthalmology 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