

Meir Medical Center – the Eye department Challenge



Meir Medical Center is looking to streamline its workflows and processes to optimize the visits of patients at the eye department.

This is an open call for solutions that can improve patients experience in the clinic or prevent unnecessary visits by offering technological innovation in eye treatment.

This is an opportunity for co-design, co-development, and piloting with Meir Medical Center, one of the most advanced medical centers in Israel

**This open call is open for submissions until March 15th, 2021.
Submissions will be reviewed weekly**

Relevant solutions will be further assessed by Meir's management team.

Meir Medical Center is an 800-bed hospital in Kfar-Saba and is the largest hospital in the Sharon district. Meir Medical Center is an academic hospital affiliated to Tel-Aviv University and is part of Clalit Healthcare Services

Meir Eye department – Background:

The Eye Department at Meir Medical Center is one of the busiest clinics with a high load, and the department performs many surgeries every day. Screening is very active both during the day and at night, including on weekends and holidays. A large proportion of patients suffer from chronic problems that require many visits to the department over time. In most cases, the visit to the department includes a number of stations – secretarial, nurse examination, performing imaging tests, doctor examination and sometimes also treatment such as laser surgery, intraocular injection or surgery.

The visits consist of several stations, which is typically time consuming.

A patient who comes to the clinic is first received at administrative reception by a secretary, followed by an examination to assess visual acuity, imaging by a technician (across a wide range of eye imaging means, where each patient has a different plan, and sometimes more than one examination is needed), then a doctor examination. The doctor frequently needs additional imaging or treatment, and often an appointment with a secretary is needed again. It is important to follow all the steps, in the correct order, in order to optimize the visit at the department and decrease wasting time. Also, appointments for the future should be made on the spot – because past experience shows that a telephone / fax / email scheduling for follow on visits is not optimal.

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In addition, the many eye surgeries in the field of ophthalmology involve many technologies, and there is ongoing development in the surgical methods and tools for all sub-fields in ophthalmology.

Meir Medical Center is interested in collaborating with various companies in the following areas of interest:

1. Improving the patient experience in the clinic:
 - Technology that will enable better scheduling of patients within the department - the transition between stations, and shorten waiting times of visits
 - Technology that will improve scheduling to ensure arrival to the department
 - Technology for improving medical screening (triage) of patients who come for eye screening
2. Telemedicine:
 - Technology that will enable the transmission of information, including remote imaging, and remote therapeutic decisions, without needing the physical presence of the patient
 - Technologies to assist with spot (urgent) consultation, survey testing or ongoing monitoring
3. Technological innovations:
 - New imaging tools – tomography, field of vision, corneal mapping, optic nerves, etc...
 - New surgical techniques or new surgical tools
 - Any new development that can improve the examination, imaging or treatment of eye diseases (we will be happy to serve as a platform for preliminary research)

To submit for the open call [click here](#)