

Call for Information – Promoting Breakthrough Artificial Intelligence Solutions in the Israeli Healthcare System

The Israel Ministry of Health and the Israel Innovation Authority (hereinafter: “the Innovation Authority” or “the Authority”) are considering launching an innovative program to promote the use of breakthrough artificial intelligence (AI) solutions in the Israeli healthcare system.

Most AI technologies currently implemented in clinical settings, both in Israel and globally, focus on supporting medical decision-making. The purpose of the proposed program is to emphasize the advancement of technological solutions that push beyond these boundaries—solutions that fully automate medical tasks or significantly reshape the division of tasks among care teams, while addressing existing regulatory gaps.

To support this, the establishment of a Regulatory Sandbox may be considered. This would allow solutions to be tested in a controlled environment under the supervision of regulatory and medical professionals at the Ministry of Health. The aim is to fully harness the potential of these breakthrough technologies, improve service quality and accessibility, and enhance the healthcare system’s ability to cope with workload and wait times. The initiative seeks to provide Israeli technology companies a global competitive advantage and position them at the forefront of AI-driven healthcare innovation in Israel while maintaining strict adherence to principles of patient safety and medical ethics.

Purpose of This Call

This call aims to identify and map technology companies, startups, healthcare organizations, and research institutes with promising ideas and early-stage solutions that could benefit from participation in a Regulatory Sandbox, if and when such a framework is established. Additionally, we seek feedback on the need for a dedicated governmental initiative in this field, particularly regarding the necessity of launching a Regulatory Sandbox to help identify the barriers tech companies and healthcare providers are currently facing preventing the full realization of technological potential. Furthermore, the Ministry of Health and the Innovation Authority are seeking to understand which domains show sufficient maturity and technological capacity to generate a significant impact for patients and healthcare professionals.

Who Should Submit?

Technology companies, startups, research institutes, healthcare organizations, and other relevant stakeholders are invited to respond to the questions listed below and provide a brief description of AI-based solutions that meet one or more of the following criteria:

1. Full automation of tasks currently performed by healthcare professionals.
2. Significant changes in the division of tasks among care teams, aimed at optimizing professional skills, including proposals for developing new roles in the healthcare system.

This call is open to entities with AI solutions that are in development, pilot, or implementation stages, provided they commit to collaborating with the dedicated professional team that will accompany the solutions selected for the program.

It is important to note that inclusion in the Regulatory Sandbox does not guarantee regulatory approval. As part of the sandbox process, all associated risks will be assessed before any authorizations are issued.

Submission Requirements

Respondents are requested to submit a concise concept document (up to three pages) that includes the following information:

- Company/Organization Name and Contact Details
- Solution Description:
 - Name of the solution
 - Medical classification – please indicate the primary medical domain the solution targets
 - What problem does the solution address?
 - How does it intend to solve this problem?
 - How does the solution meet the eligibility criteria for the program?
 - What is the expected impact on clinical workflows, quality of care, and system efficiency?
 - How relevant are the problems and solutions to global markets? What is the market potential given successful implementation of the technological solution?
 - Product maturity (concept/ prototype/ pilot/ implementation), timeline to initiate a study or pilot following submission, and necessary conditions
- What regulatory hurdles exist for implementation in Israel and internationally? How should these hurdles be addressed?
- Are there other barriers requiring different types of solutions? What features/services should a Regulatory Sandbox include to address your needs?
- Please provide an initial assessment of potential risks and ethical considerations related to the implementation of the solution.
- (Optional) Proposals for additional eligibility criteria, or suggestions for other focus areas the Israeli Regulatory Sandbox should prioritize to accelerate technological development and adoption, especially in fields where no such sandboxes exist in other countries or where existing ones do not meet current needs.
- (Optional) Indicate whether you are already in contact with a healthcare organization in Israel or would like assistance in establishing such a collaboration.

The Ministry of Health and the Innovation Authority may consult external experts and other government agencies to assess the information received. Please specify if you request that the submitted information be restricted for review solely by representatives of the Ministry of Health, the Innovation Authority, and designated evaluators.

Submission Deadline: July 6, 2025 at 10:00 AM.

Submit to: Digital-health@moh.gov.il

Email Subject Line: "Call for Information – Identifying Breakthrough AI Solutions in Healthcare"

Next Steps

The information collected will assist the Ministry in finalizing the necessary processes to establish the Regulatory Sandbox in a manner aligned with the needs of innovators and the

healthcare system. The Ministry aims to open the Sandbox for proposals during 2025, subject to its sole discretion.

General Information and Rights Reservation

1. Without derogating from this request, the Ministry of Health, the Innovation Authority, and their representatives reserve the right to seek clarifications or request additional information from any or all respondents from the date of this publication.
2. The Ministry of Health and the Innovation Authority may use submitted content to develop recommendations with regard to the Call for Proposal or for any other purpose, and reserve the right to respond or not to respond to any submissions that are received.
3. This call does not create any obligation toward respondents and the Ministry of Health, the Innovation Authority and their representatives may act at their sole discretion, including engaging with any party at any stage without any limitations, subject to applicable law.
4. This publication, including any attached drafts or actions taken under it, does not constitute a commitment by the Government of Israel, the Ministry of Health, the Innovation Authority, or any representative thereof.
5. All expenses related to the preparation and submission of responses to this call are the sole responsibility of the respondents.
6. Submission of a response is not a condition for participation in any future processes, if such processes are conducted.
7. The Ministry of Health and the Innovation Authority have not yet decided whether and how to proceed with this initiative. This is not a tender or competitive solicitation, but solely a request for information, based on which further actions will be considered. This request does not constitute an offer or invitation under the Mandatory Tenders Regulations, 1993, or any other law or procedure.
8. For the avoidance of doubt, it is clarified that this request or the attached drafts do not obligate the Ministry of Health or the Innovation Authority in any way and does not guarantee continuation of the process or issuance of future requests or invitations, and do not create any commitment by the Ministry of Health or the Innovation Authority towards the respondents to this request. It is solely a preliminary step for obtaining information, following which the Ministry of Health and the Innovation Authority will consider their next steps.
9. Subject to applicable law, the Ministry of Health and the Innovation Authority will maintain the confidentiality of submitted information and will not use it except as described herein and in accordance with the following:
 - 9.1. Information will not be published publicly.
 - 9.2. The intellectual property of the respondents shall not be infringed.
 - 9.3. No commercial use will be made of the information except for the purposes outlined in this call.
 - 9.4. Information will not be shared with third parties except relevant involved entities, such as professional advisors.
10. By responding to this call, the respondent declares the following:
 - 10.1. They agree to all terms of the request and waive any claims against the Ministry of Health, the Innovation Authority, or any other party regarding the use of submitted information.
 - 10.2. That the submitted information, or any future use thereof, does not infringe upon any third-party rights, including copyright right, and that the respondent alone

assumes full responsibility for any claim or demand arising from an allegation that the use of the submitted information infringed third party rights. The respondent shall indemnify the Ministry of Health or the Innovation Authority accordingly upon receiving any such claim or demand, including any payment required as a result thereof, as well as costs and attorney's fee.

- 10.3. All documents related to this call are the sole property of the Ministry of Health and the Innovation Authority.