



Artificial Intelligence Diagnostics & Clinical Decision Support System

Pirogov.AI



WHAT WE DO

Pirogov.AI helps to diagnose Ear, Nose, Throat (ENT) conditions using digital endoscope photo and video stream images...

with accuracy 95%*

** - accuracy was tested on a limited number of 10 most recent ear otoscopic diagnosis diversity in specialized ENT clinics of our partners in Russia*

Pirogov.AI



PROBLEM

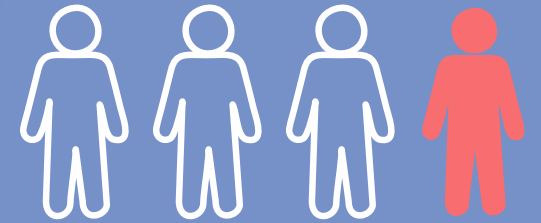
Low accuracy of ENT diseases diagnostics*

50% — Therapists and pediatricians

73% — ENT specialists

95% — Artificial Intelligence

Pirogov.AI



At least
one in four
ENT diagnosis
is determined
inaccurately

* Pichichero ME, Poole MD <https://pubmed.ncbi.nlm.nih.gov/11576009/>

SOLUTION

Pirogov.AI helps do an accurate diagnosis on the first try

Reduced

- Patient's treatment period
- Loss from temporary disability
- Amount of insurance payments

Improved

- Quality of medical care for patients
- Feedback from patients about your clinic and doctors
- Reputation of clinic and it's rating

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accuracy

95%

IMPLEMENTATION

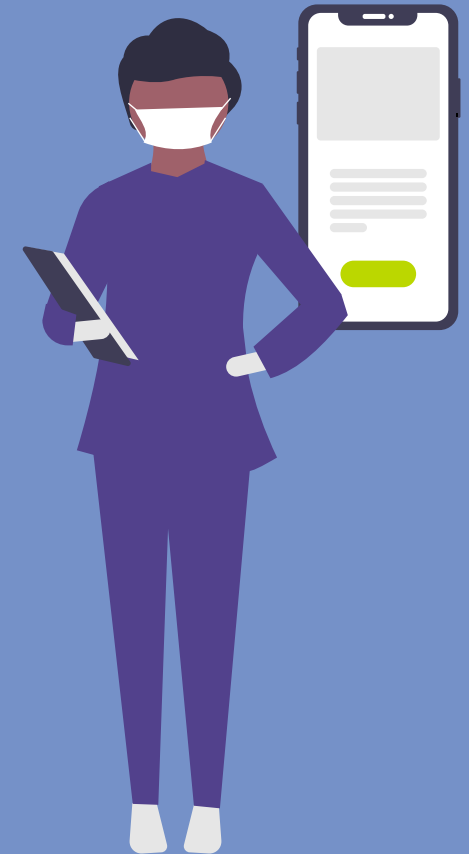
Pirogov.AI integrates with electronic health records (EHR) systems as AI assistant

- ✓ Helps to determine diagnosis
- ✓ Filling out the patient's EHR
- ✓ Quality control issues

In perspective

Portable endoscope connected with our app on smartphone for all GPs (therapists, pediatricians, family doctors), self-diagnostics and telemedicine

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HOW IT WORKS

Pirogov.AI

- 1/ Make photo
- 2/ Load to the system
- 3/ Receive probable diagnosis

The screenshot displays the Pirogov.AI web interface. At the top, the URL is <https://pirogov.ai/demo>. The main header features the 'PIROGOV.AI' logo. Below this, a light blue banner displays the diagnosis: 'H66.9 Otitis media, unspecified [LEFT EAR]'. To the left of the diagnosis is a circular image of an ear canal. To the right, there are tabs for 'Table' and 'Chart', with 'Table' selected. Below the tabs is a table titled 'Diagnos' (likely 'Diagnosis') listing various conditions and their probabilities.

Diagnosis	Probability
H66.9 Otitis media, unspecified	99.91 %
H65.3 Chronic mucoid otitis media	0.07 %
H65.0 Acute serous otitis media	0.02 %
H66.0 Acute suppurative otitis media	0.01 %
Z00.6 Encounter for examination for normal comparison and	0 %

A magnifying glass is positioned over the top right of the table, highlighting the first row: 'Otitis 99,9%'.

pirogov.ai/demo

TARGET AUDIENCE

Pirogov.AI

7

billion people
are potential patients

6,2%

of population suffers ear
diseases each year, that
counts for:

494

million patients annually,
including

9,1

million patients in Russia



MARKET SIZE

Pirogov.AI

\$187b

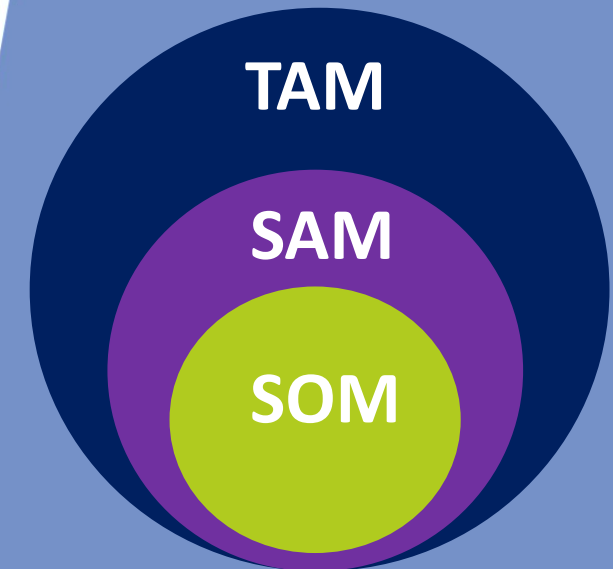
Healthcare IT Market size valued by
Global Market Insights (TAM)

\$1,5b

494 mln patients @\$3 per patient (SAM)

\$150m

market obtainable in 3-5 years (SOM)



WHERE WE NOW

Pirogov.AI

- ✓ Working SaaS solution with API interface
- ✓ Implemented in 4 private clinics
- ✓ Partnership agreements with manufacturers and distributors of endoscopic equipment
- ✓ In negotiations with telemedicine service providers



COMPETITORS

Pirogov.AI

	PIROGOV.AI	ENTID	HearX Group	National Research Foundation
AI based diagnostics system	✓	✓	✓	✓
Number of recognized diagnoses	10	14	11	6
Diagnostics accuracy	95,1%	88,7%	94,0%	93,7%
Cost starts	from 3\$	from \$80	NA	NA
Developer country	Russia	Canada	USA	South Korea

HOW WE GET ACCURACY

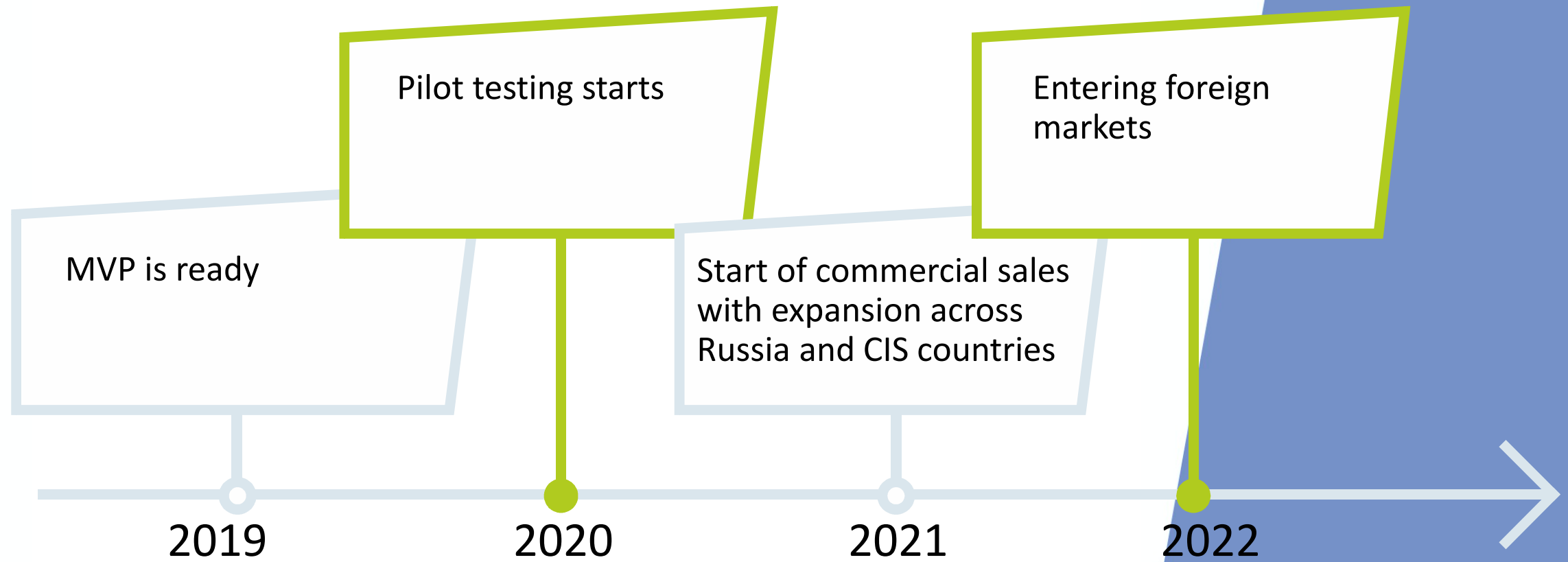
Pirogov.AI

- ✓ We used over 12,000 verified cases data set to train neural networks and develop AI algorithms for our system
- ✓ Each diagnosis is checked and confirmed by concilium opinion of 3 medical experts
- ✓ Our system has feedback, and continues to be trained in "hybrid" intelligence mode



ROAD MAP

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OUR PARTNERS

Pirogov.AI

Among our partners is one of the largest specialized ENT private clinic in Europe with total number of 24 ENT specialists working full time



OUR TEAM

Pirogov.AI



Alexey Razorvin
CEO, Marketing Expert
Entrepreneur over 10 years



Elena Lebedinskaya
Medical Expert, MD
Over 20 years ENT practice



Elena Sadokhina
CTO, Software Developer
and Integrator over 15 years



Ilya Perminov
Sales Marketing &
Business Development
in b2b b2c over 20 years



Alexander Grigoriev
Finance & Investor Relations
Over 20 years in IB and
venture capital



Maxim Chistogov
Data Scientist
Developer of AI systems