

PROBLEM

Cancer is the second cause of death worldwide (in 2018 there was 18 mln cases; 9.6 mln deaths - in 2012 - 14.1 cases and 8.2 mln deaths according to WHO, IARC). The process of cancer diagnosis is unchanged from decades. Oncologists work with physical data from the microscope, MRI/CT/USG and send the results (documents, samples) by post mail. Often patients have to wait about 2 weeks for a diagnosis - its too long. The problem is digitization, proper standardized preparation, collection of data and collaboration.



no international standards



misdiagnosis



poor digitalization of pathology data (expensive equipment needed)



long sharing process - medical documents sent via post, parcel delivery driver

SOLUTION

Cancer Center.AI produce cloud-based platforms where users can collect, share, analyze data for more effective cancer diagnosis.

- » faster 2nd opinion from an expert,
- » remote diagnosis supported by AI algorithms,
- » archive with similar cases,
- » a knowledge base for universities and medical centers.

PathoPlatform:
module for better pathology analysis



MSO Platform:
module for perfect collaboration



Radiology Platform:
module for faster radiological diagnosis



PathoCam: module for easy sample digitalization



230

single users
and clinics

1500

advisory medical staff
(working hours)

343k

radiology & pathology
scans amassed

98%

AI algorithms accuracy

BENEFITS

- » 5 x higher number of patients per day per doctor
- » 2 x cost savings due to simpler procedure
- » easier dynamic workload allocation
- » greater level of collaboration



SPECIALIZED HOSPITAL
IN WALBRZYCH (Poland)

SUMMARY

Implementation data:	08.07.2021
Users:	around 1000 annually
Files scanned:	98