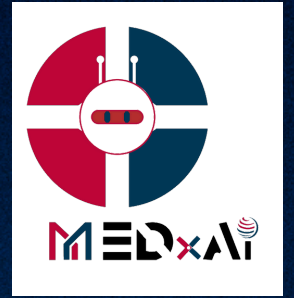


MEDxAI Innovations Pvt. Ltd.



## VISION

To be a global leader in AI-driven healthcare solutions, transforming clinical practices, point-of-care diagnostics, and drug discovery through innovative technology

## MISSION

To provide cutting-edge AI solutions and IT services that enhance clinical training, enable precise diagnostics and accelerate drug discovery. We are committed to developing advanced platforms for simulation, predictive analytics, and continuous patient monitoring, ensuring exceptional care with consistent accuracy

# SERVICE CATALOG

MEDxAI Services





# MEDxAI Services

## Preventive Oncology Solutions

03

Experience enhanced imaging and analysis for preventive oncology with our state-of-the-art AI technology, ensuring early diagnosis of Cancer stage for agile Clinical intervention.

## AI-Driven Drug Discovery

04

Sophisticated computational models uncover synergistic effects between compounds, accurately estimate drug interactions with biological systems, and optimize pharmacokinetic profiles, accelerating new drug discovery.

## Micro SusceptiScan: AI-assisted Antibiotic Administration

05

Combatting antimicrobial resistance (AMR) with our AI-driven autodetection system, rapidly. Identifying susceptibility patterns in pathogens.

## DermAlert: Remote Monitoring of Skin Infection

06

AI-powered solutions for continuous monitoring and management of skin infections, enhancing patient care and timely intervention from a distance.





## VitalSync

07

Experience real-time patient monitoring with AI-inferred insights, utilizing 5G technology to ensure seamless and accurate vital sign tracking.

## Clinical Training Simulators: Digital Twinning of Surgical Procedures

10

Interactive AI platforms have been designed to enhance training for healthcare professionals in various diagnostic procedures

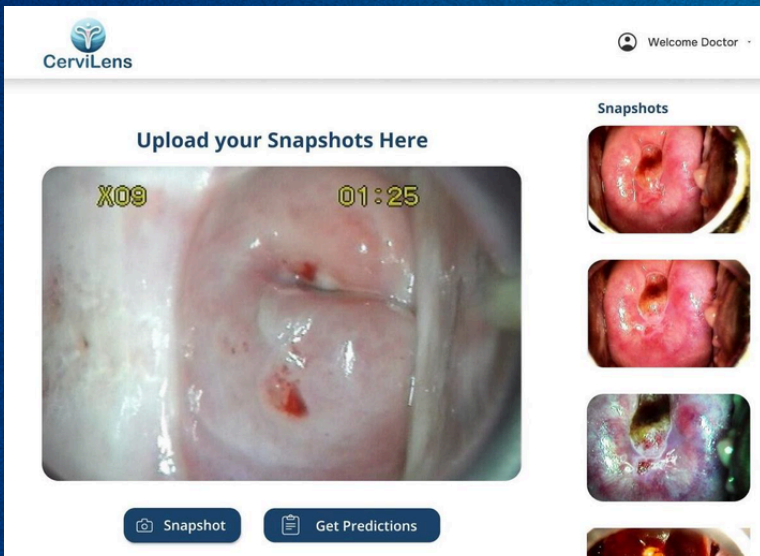
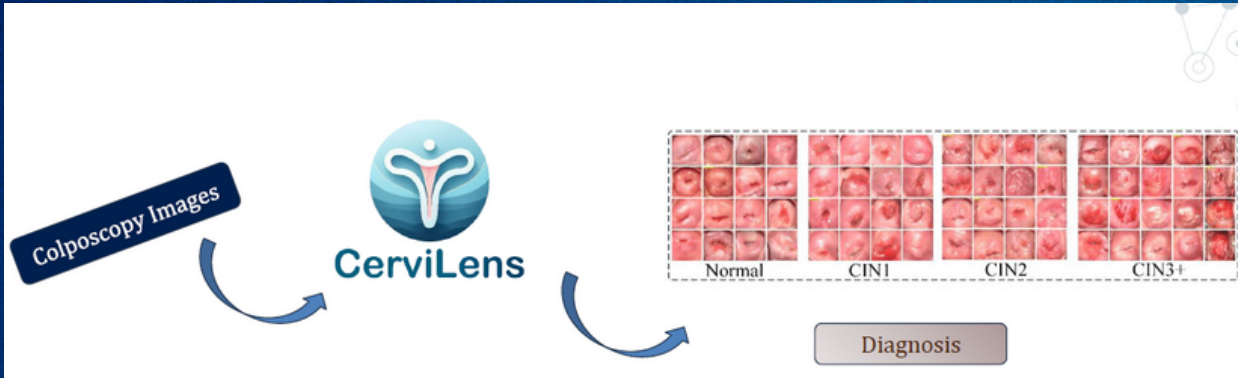
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# Preventive Oncology

**CerviLens:** early diagnosis of Cervical Cancer



Experience enhanced imaging and analysis for preventive oncology with our state-of-the-art AI technology, ensuring early detection and improved patient outcomes.





# AI-driven Drug Discovery

## *#1 Ligand Synergy*

Unlock the potential of drug development with our advanced algorithms that analyze ligand interactions, binding affinities, and inhibition/activation capabilities across multiple proteins

## *#2 SmartBind*

Utilize AI to identify specific binding sites for ligands on various proteins, optimizing therapeutic targeting for maximum efficacy

## *#3 ADME Insight*

Harness AI to predict Absorption, Distribution, Metabolism, and Excretion (ADME) properties of drug candidates, streamlining the development process

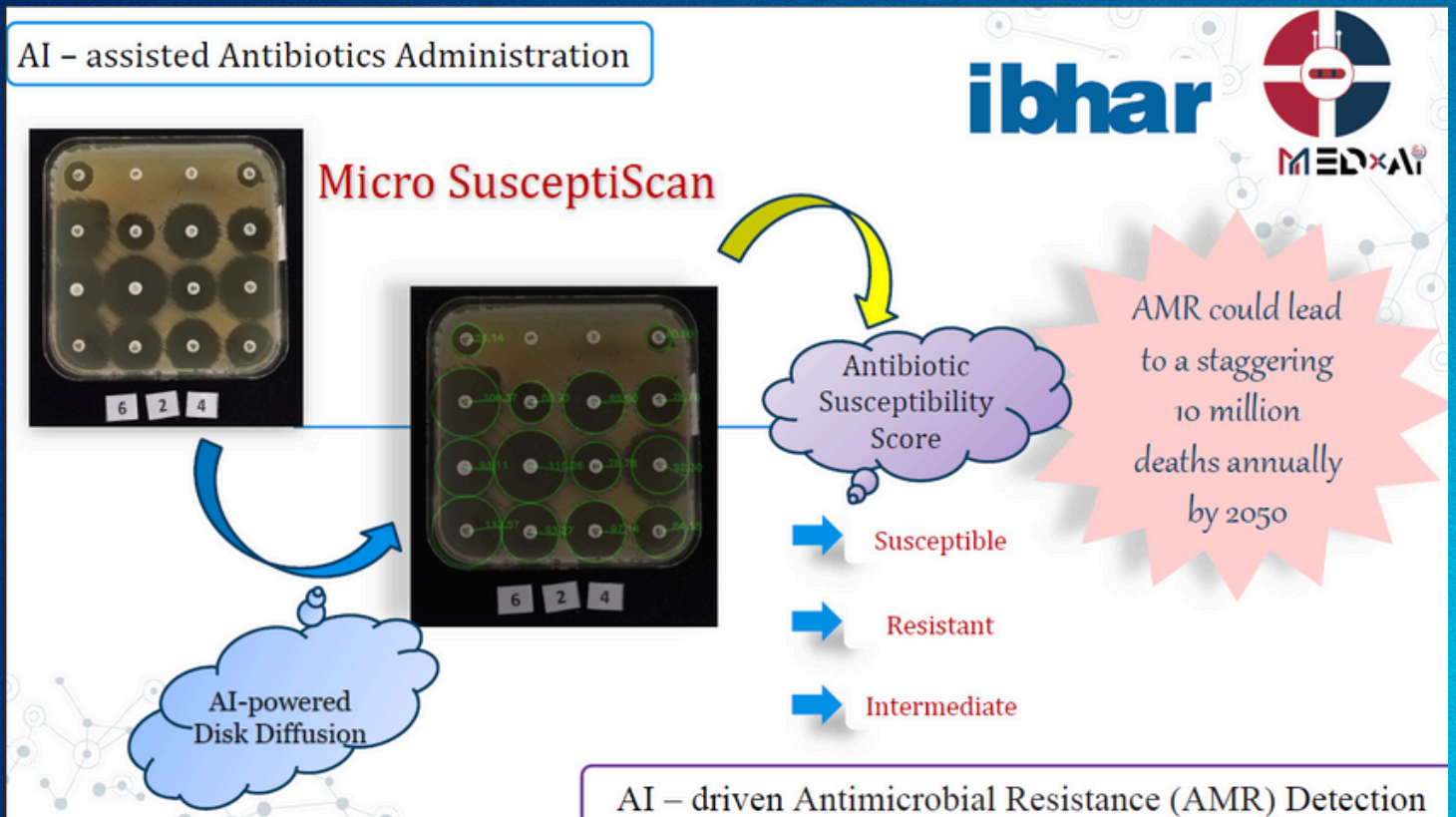




# AI - ASSISTED ANTIBIOTIC ADMINISTRATION

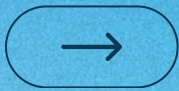


## *Combatting Antimicrobial Resistance*



Combatting antimicrobial resistance (AMR) with our AI-driven autodetection system, rapidly. Identifying susceptibility patterns in pathogens

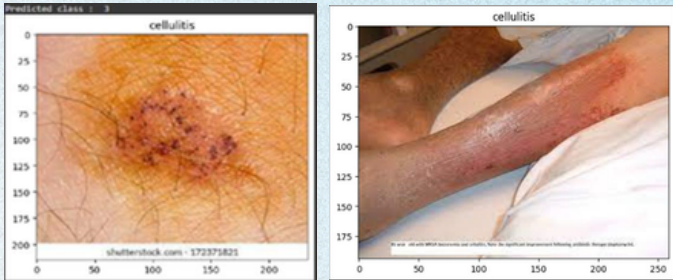
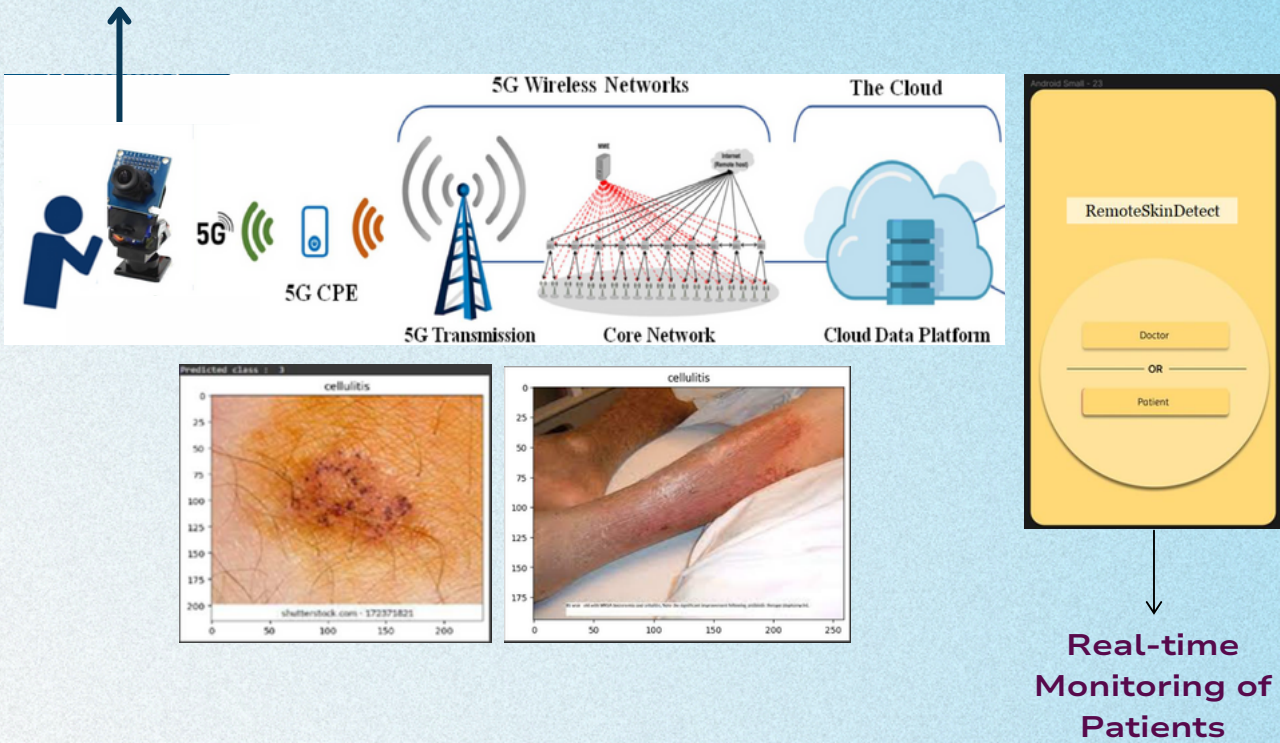




# DermAlert

## Remote Monitoring of Skin Infections

### 5G-powered Vision Module



### Remotely Treating Hospital-Acquired Infections







# VitalSync

*AI-powered Vitals Monitoring Device*



## *Monitors Vitals*

- *Blood Pressure*
- *ECG*
- *SPO2*
- *Pulse Rate*
- *Blood Glucose*
- *Auscultation (Stethoscope)*
- *Temperature*

## *AI Features*

- *Voice Assistant (Interactive Module)*
- *Digi Steth Inference : Heart and Lung*
- *Automatic Report Generation*
- *Patient Case history*
- *Automated Report Generation*
- *Voice-assisted lab report print*





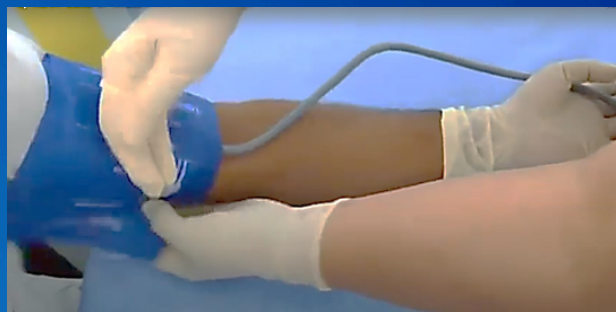
## *Vitals measured by VitalSync*

- LED Torch
- Bluetooth interface
- Rechargeable battery
- 2Gb internal memory
- 2.8" Capacitive Touch screen

### Auscultation



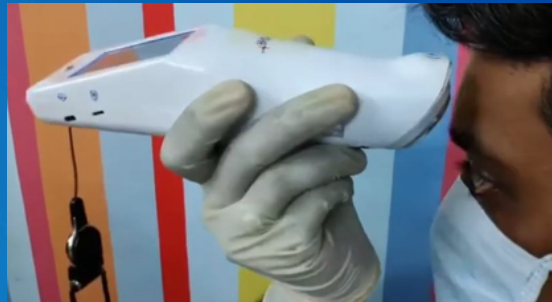
### BP



### ECG



### Temperature

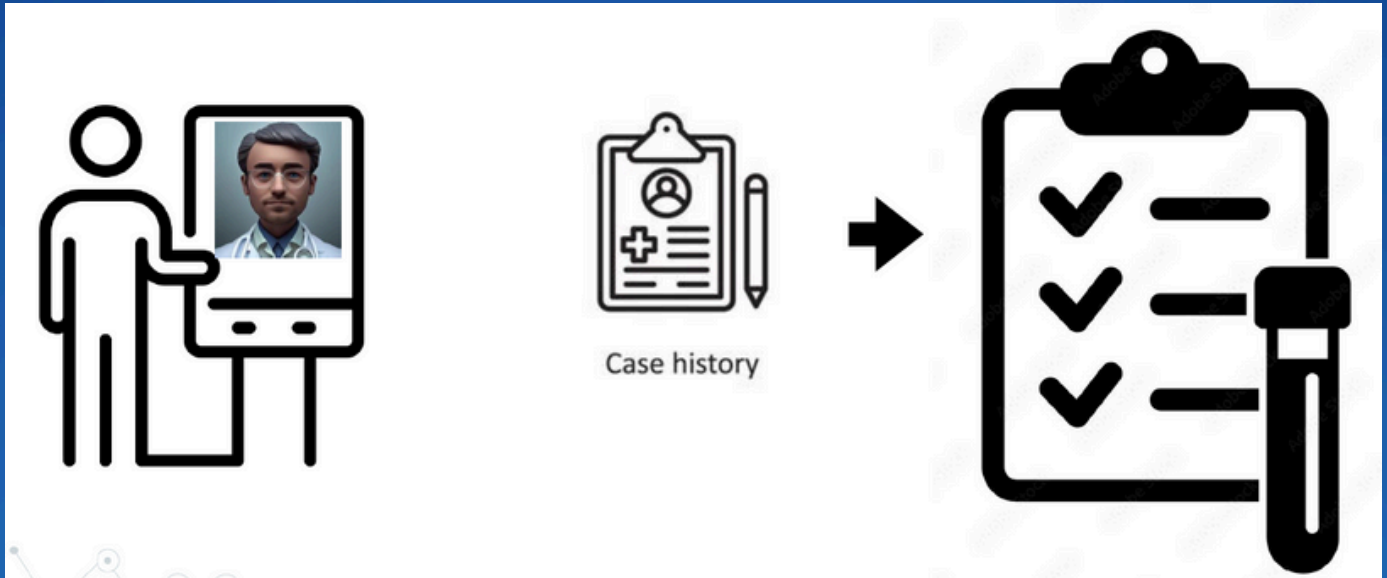


*Continuous monitoring of patients over vitals with AI-based inference to predict patient needs and potential complications for proactive intervention.*





## Automated Case History & Diagnostic Test List



## Automated Case History & Vital Reports



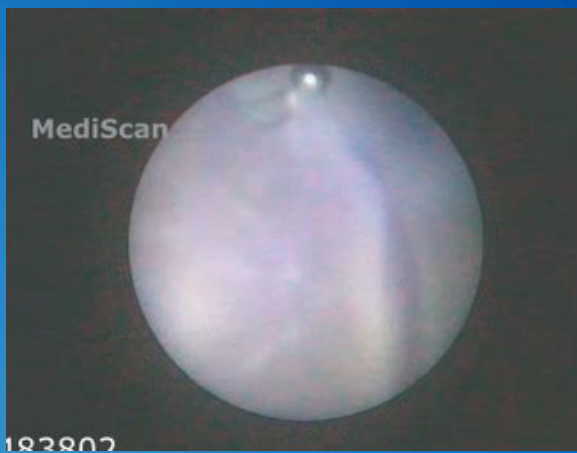




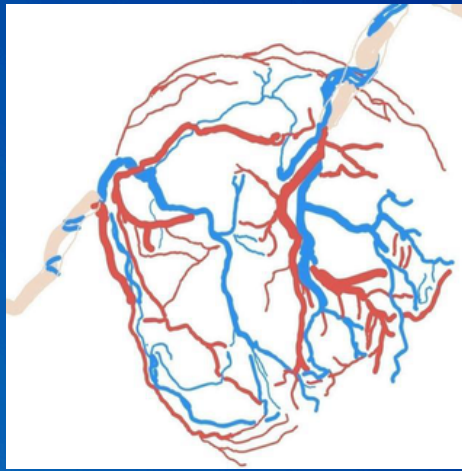
# Clinical Training

## Digital Twin Simulator

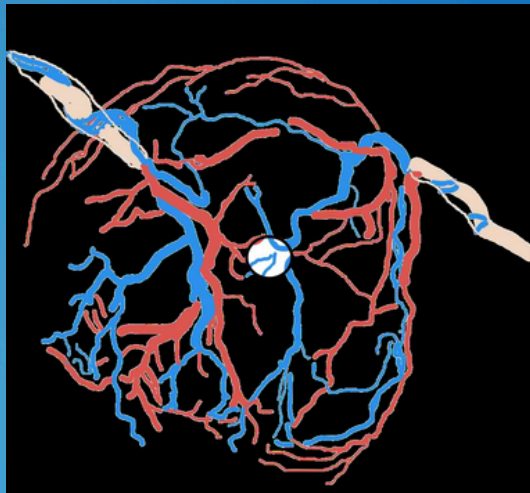
Pixel Pinnacle



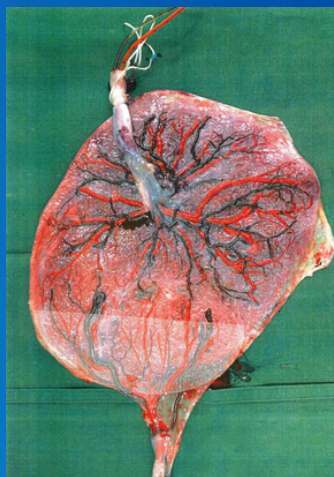
Surgical Symphony



Horizon Hurdles

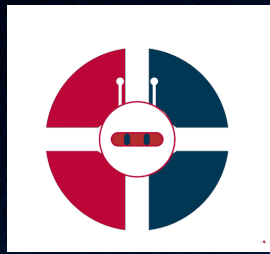


Titan's triumph



*Digital Twinning of Laser Ablation procedure for ablating anastomoses in TTTS placental vasculature*





# MEDxAI

INNOVATIONS

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**ibhar**



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# Advancing Healthcare Through AI



# THANK YOU

