MedWand
Health, Inc.

All-In-One Device

- Core Body Thermometer
- Reflective Pulse Oximeter
- Digital Stethoscope
- Single Lead ECG
- Ultra HD Camera
- Third Party Sensors*

*Third party sensor data such as Blood Pressure, Glucometer, Spriometer, Weight, 12-Lead ECG and Ultra Sound.

www.medwandhealth.com/contact

Clinical Care, Anywhere

Whether in an On-Site exam, or a Remote Consultation, MedWand enhances clinical care by providing live monitoring, remote clinical-grade vitals capture, and support for external AI-based vitals data analysis.

TYPICAL USE CASES

- Nursing
- Rural Clinic
- Corporate
- Transport
- Education
- Clinical Trials

Integrated Workflow

01. Launches from Your HIS/EHR

02. Data Captured by VirtualCare Software

03. Review and Export Data to HIS/EHR

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TECHNOLOGIES

MedWand

Thermometer

Stethoscope

Electrocardiogram

8+
Medical Tools

Pulse Oximeter

Ultra HD Camera

Ear / Nose

Throat

Skin

In-Field Application can also Ingest 3rd Party Device Data such as:

- Blood Pressure
- Glucometer
- Spirometer
- Weight
- 12-Lead ECG

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MEDWAND EXAM DATA WORKFLOW

Assistant logs Patient In through existing provider software (often the EHR)

Assistant collects Patient data using MedWand Clinical-Grade Sensors

All Medical Data is Transmitted in Real-Time to the Cloud

Doctor joins Assistant and Patient to review Data via built-in video conference

AI (Analysis and Indication) can be performed in Cloud under rules-based request.

All Data and Clinical Notes exported to update the EHR. Doctor and Patient log-out.

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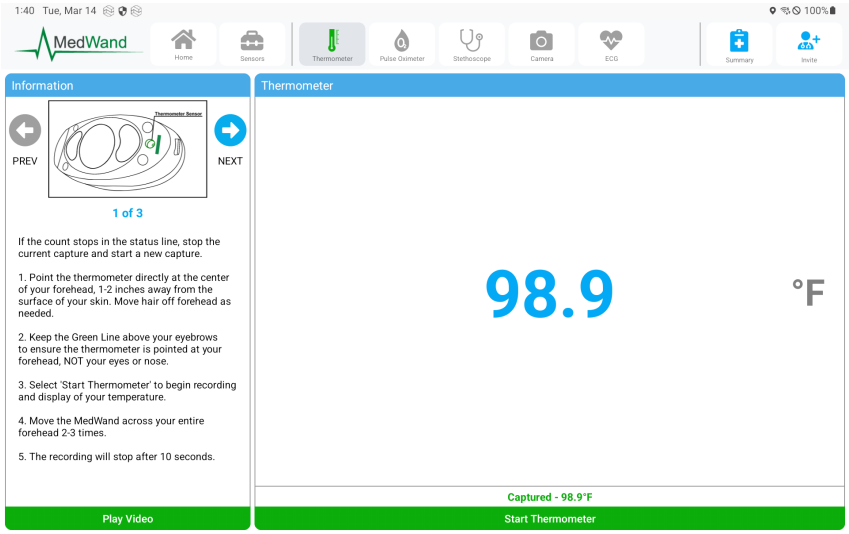
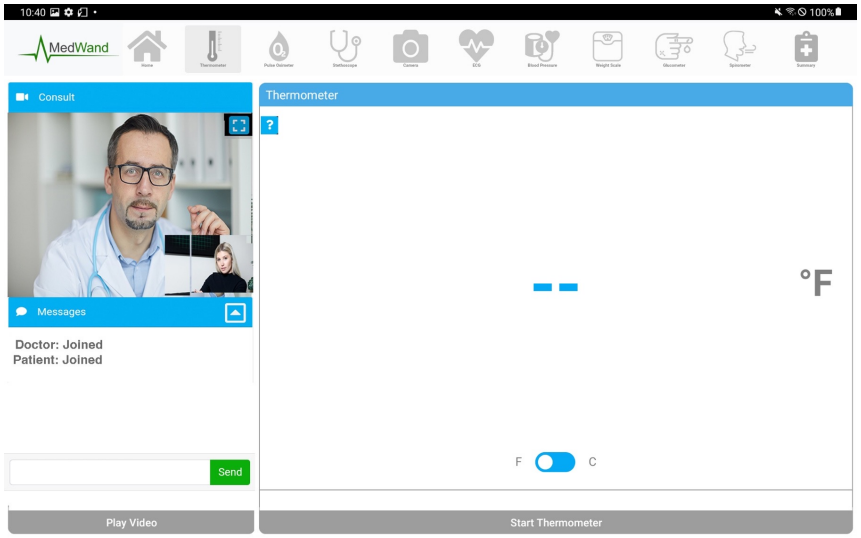
MEDWAND EXAM INTERFACE EXAMPLES

Designed to operate in On-Site (local), Virtual Consultation (remote) or Hybrid (start local then remote) exam modes.



Patient/Nurse view during On-Site local exam mode



Patient/Nurse view during Virtual Consult remote exam mode

In Hybrid mode, Patient/Nurse uses Invite icon to convert an existing On-Site exam into a Virtual Consultation with supervising clinician.

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MEDWAND CLINIC CONFIGURATONS

HOME CLINIC

Designed for concierge, work, and international travel applications.

MOBILE CLINIC

Designed for home visits, assisted living, and skilled nursing facilities.

RUGGEDIZED CLINIC

Designed for rural health care, air or sea transportation, and industry.

DESKTOP CLINIC

Designed for corporate wellness, pharmacies, and office-based clinics.

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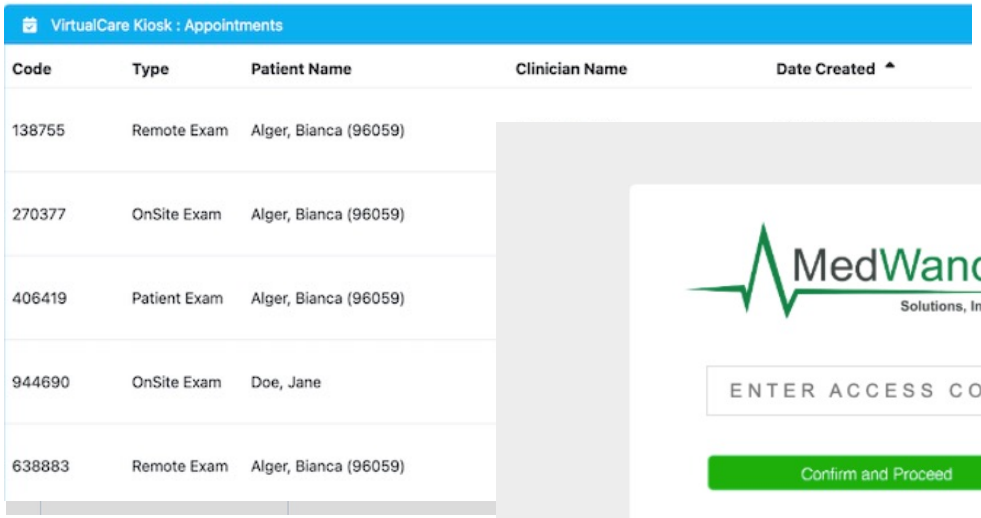
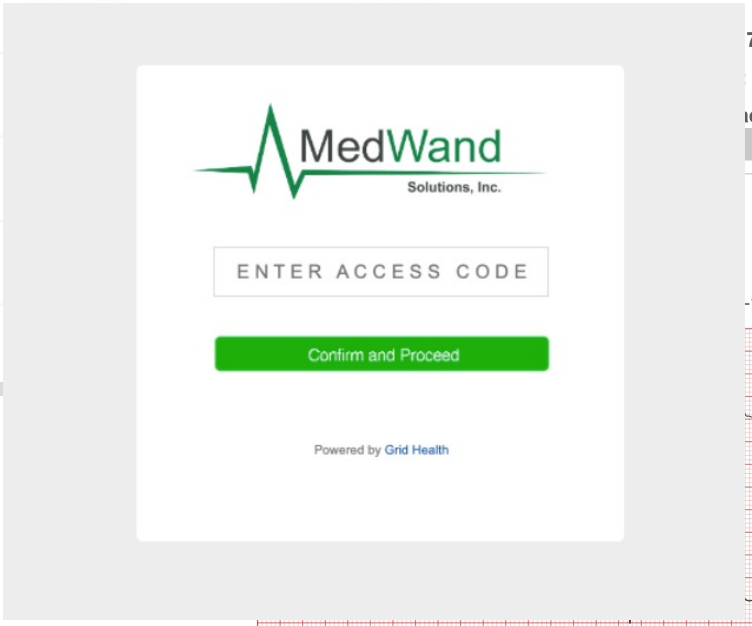
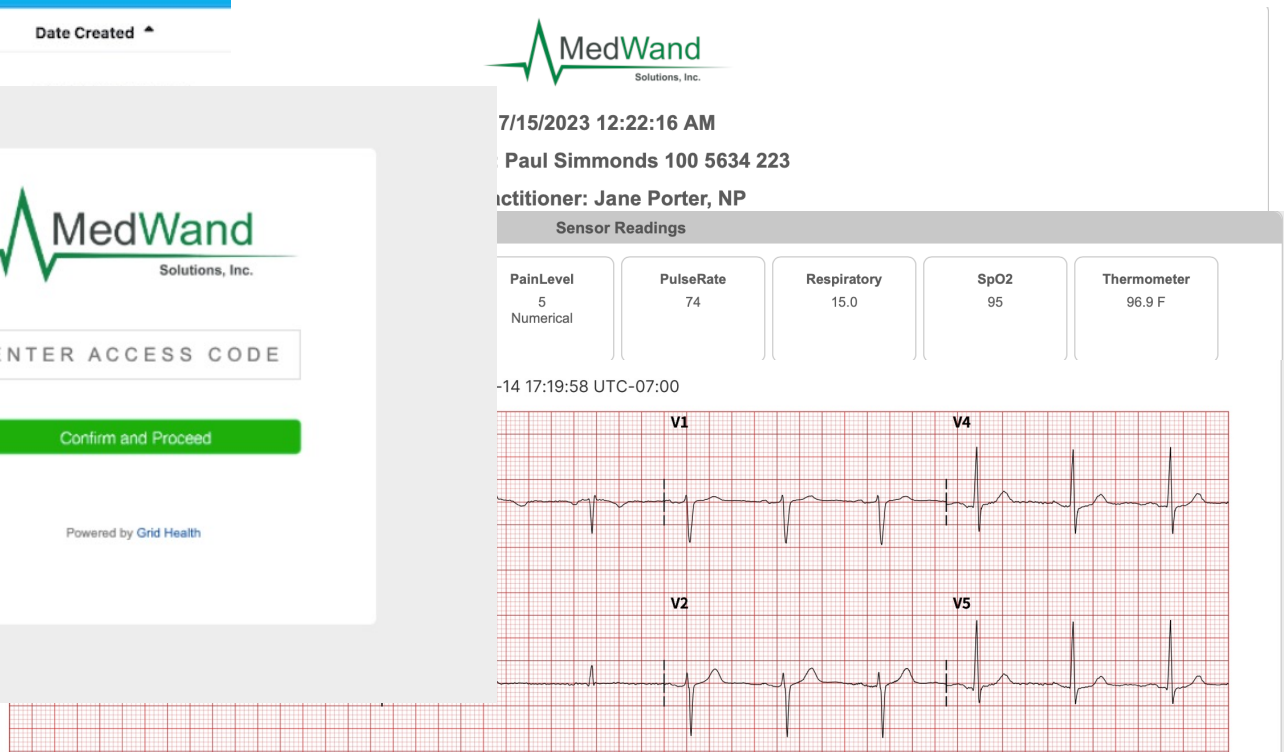
MEDWAND KIOSK SERVICES

Supports Exam Appointments, Kiosk-style Exam Access, Exam Result Review, Sharing Exam as HTML file.







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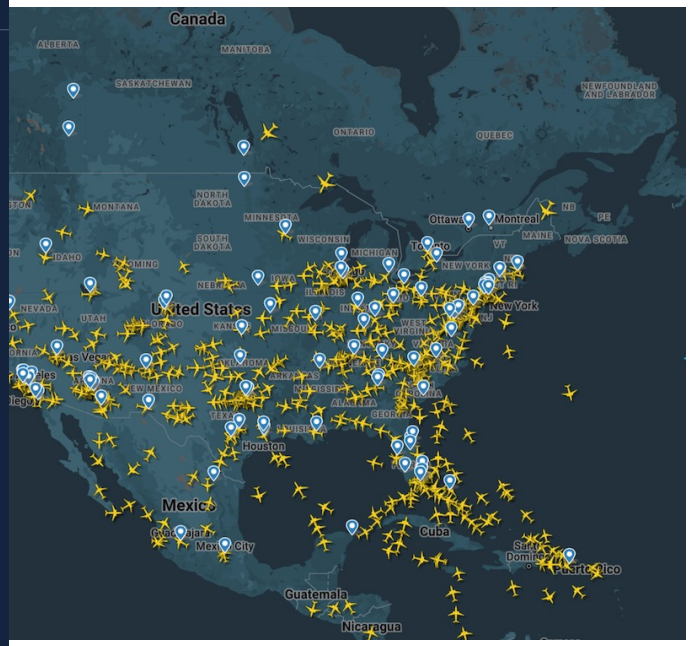
MEDWAND COMMAND CENTER

Supports Real-Time Exam Monitoring, provides Response Center for Exam Escalation Requests



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MEDWAND CONTACT INFORMATION

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MedWand™ Specifications

General:

- **Intended for use by adults (18yrs or older).**
- **Non-cytotoxic for all patients and user contact per ISO 10993-5.**
- **Non-irritating and non-sensitizing for all patient and user contact per ISO 10993-10.**
- **Power input USB type C at 5 volts DC, 500 mA max current, 2.5 watts max power.**
- **Ingress protection rating of IP22 per IEC 60529-1 and IEC 60601-1-11.**
- **All materials compliant to RoHs2 directive 2011/65/EU.**
- **All materials compliant with WEEE directive 2012/19/EU to support e-waste safety.**
- **Weight 5.75oz, Height 2.40in, Width 2.5in, Length 5.00in (163g, 61 x 64 x 127mm)**

Environmental:

- **Operating Temperature: 61°F to 104°F (16°C to 40°C).**
- **Operating Relative Humidity: 20% to 95% non-condensing.**
- **Operating Altitude: Sea level to at least 3,000 meters.**
- **Storage Temperature: - 4°F to 122°F (-20°C to 50°C).**
- **Storage Relative Humidity: 5% to 95% non-condensing.**

Pulse Oximeter:

- **Reflective-mode Pulse Oximeter reporting SpO2 and Pulse Rate values.**
- **Robust resilience to fingertip movement providing high Signal to Noise ratio.**
- **Accuracy meets requirements of ISO 80601-2-61:2017 or later version between 75% and 100% blood oxygen saturation.**

Electrocardiogram:

- **Single lead dual pad touch only system.**
- **Equivalent to 12 lead ECG Lead I (RA/LA).**
- **Less than 2.2% total gain error.**
- **Accuracy meets requirements of IEC 60601-2-47:2011 or later version.**
- **Recorded in MedWand app as a BMP file.**

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IR Thermometer:

- **Non-contact infrared sensor.**
- **Lab tested accurate to +/- 0.3°C.**
- **Projects accurate core temperature. between 94°F and 107°F (34°C and 44°C).**
- **Operates at ambient temperatures between 61°F and 104°F (16°C and 40°C).**
- **Accuracy meets requirements of ISO 80601-2-56:2017 or later version.**

Stethoscope:

- **Digital audio output at 44.1kHz sample rate.**
- **Frequency response 5Hz - 15kHz.**
- **User selectable osculation audio filters;**
  - **Heart (low pass)**
  - **Lungs (high pass)**
  - **Abdomen (wide band pass)**
- **Lab verified performance equal or superior to most available digital stethoscopes.**
- **Recorded in MedWand app as a WAV file.**

Ultra HD Camera:

- **5.7mm CMOS sensor.**
- **3200x 2400 max resolution**
- **Auto and manual focus modes.**
- **Field of view 55.4°.**
- **Total distortion <1%.**
- **User adjustable LED illumination.**
- **Includes adaptors and tongue depressor slot for Otoscope, Dermatoscope and throat examination still image capture functions.**
- **Accepts Welch Allyn 52134, 52133, 52135 Specula.**
- **Accepts standard wood tongue depressor.**
- **Recorded in MedWand app as JPEG file.**

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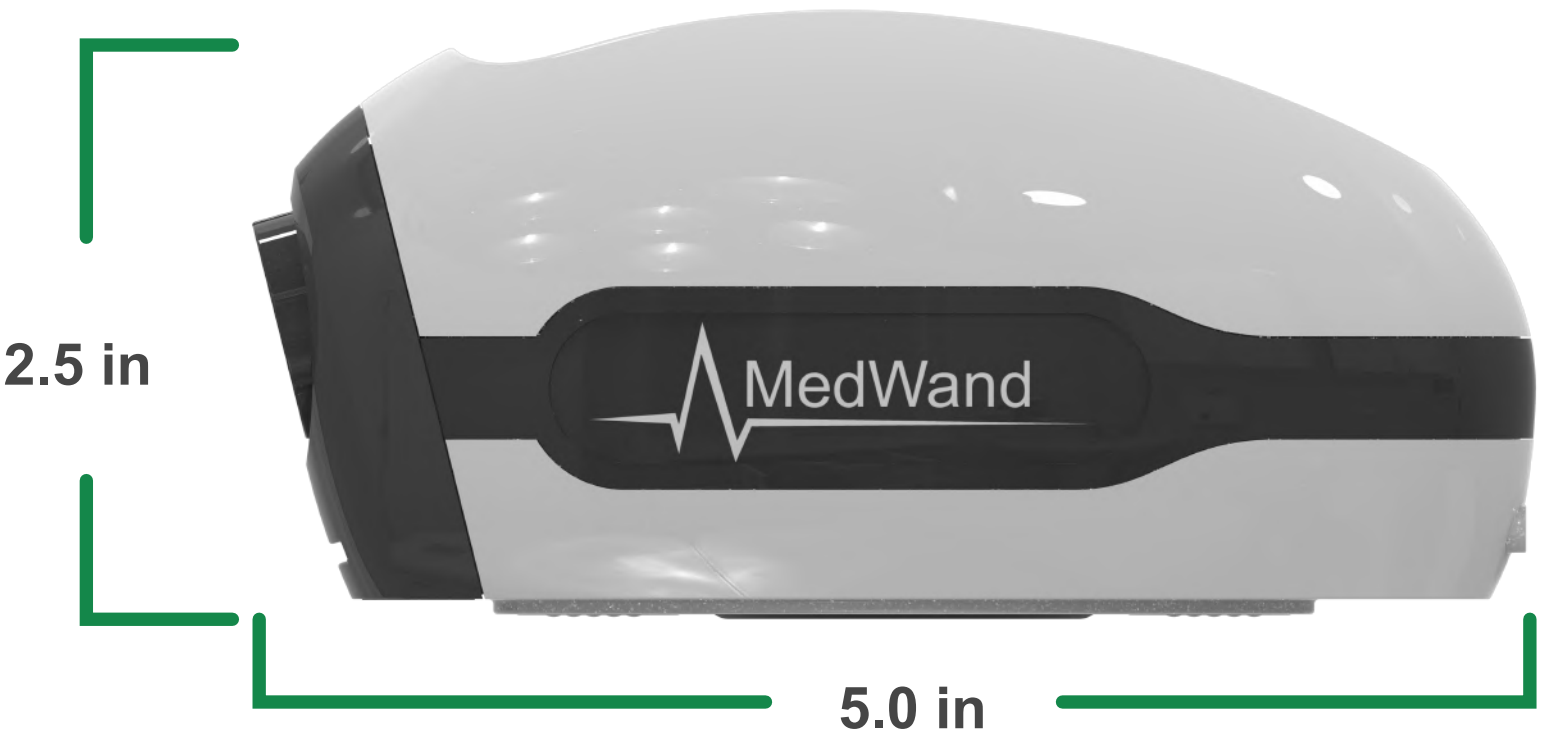
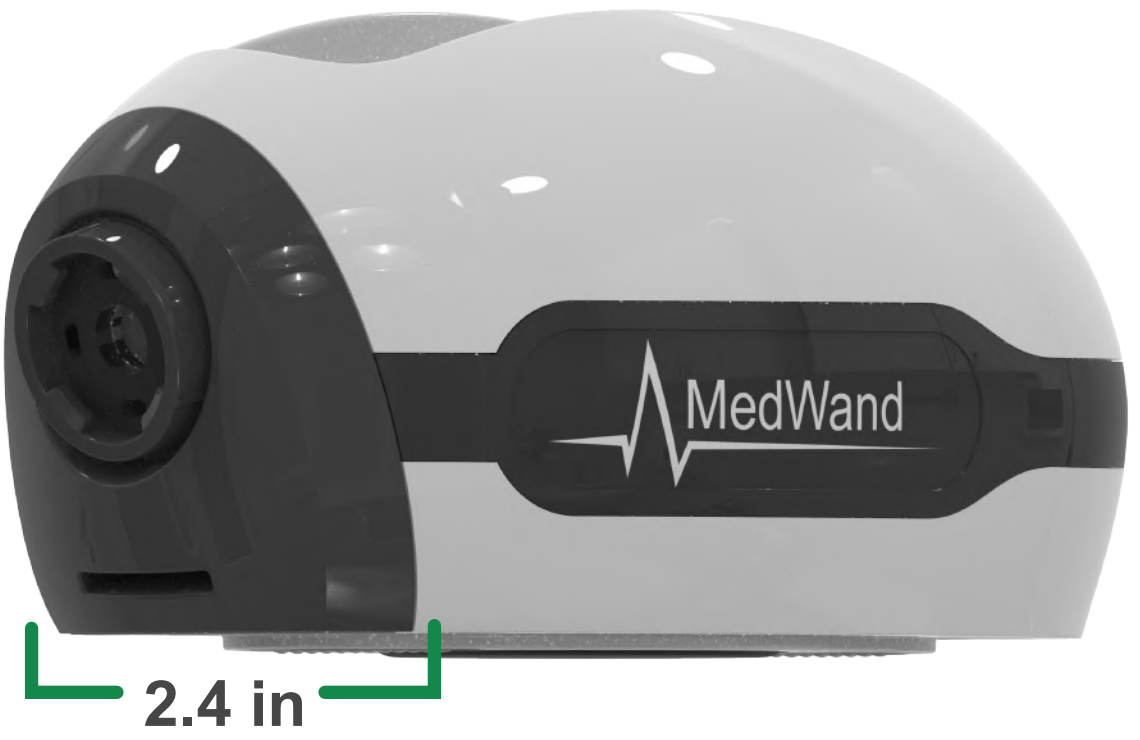
Specifications:

Length - 5 inches
Width - 2.4 inches
Height - 2.5 inches

Weight - 5.750 ounces





MedWand™
Solutions, Inc.

DESKTOP CLINIC

Includes:

VirtualCare software
10” Android tablet
Desktop UV sanitizer

Optional Blood Pressure monitor, Spirometer and Glucometer

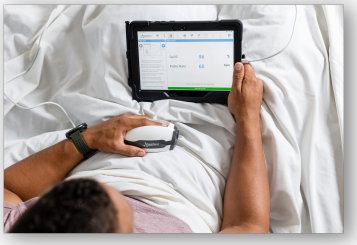
Healthcare for the 21st Century

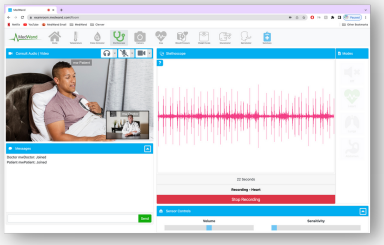
Command Center Option

Enable one care center clinician to monitor hundreds of exam results.

Flexible Exam Escalation

Convert On-Site exam into a full Remote Consultation as needed.





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