

Remote Disease Management

Clinical Telemedicine vs Video Consultations



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Microsoft Certified Specialist & Telehealth Strategist/Innovator
Fellow in Clinical Telemedicine

Doctor-Patient Communication Oriented
Not designed for Disease Management

Video Consultations



- Invite Colleague
- Invite Interpreter
- View Patient Forms
- Patient's Forms
- View Patient's file
- Vital Signs
- Waiting Room
- Video Examination
- Stop Video
- Change Audio & Video Source
- Doctor's input
- Onward Referral
- Follow up Appt



- 08:45
- Logout
- End Consultation
- Start Screen Share
- Capture Screen & Save
- Patient Education
- Patient Education Videos
- Send Diagrams
- Check Past Visits

SOFTWARE Purpose Designed Telemedicine Software, seamlessly incorporated Clinical Decision Support System with added functionality of Multi-channel video input capability

HARDWARE Embedded Medical Devices such as ECG machine, Stethoscope, Glucometer, Spirometer, ENT-Dental-Skin Camera, Ultrasound Machine, Patient Bedside Monitors etc

Invite Family Member 

 Add New Video

Centralize New Video

 Close New Video

Change Audio & Video Source

Stop Video

Health Monitor

Patient to SUBMIT only.

Instruction:

Check Oxygen %

Systolic: **111** Diastolic: **81** Heart rate: **65**

Stop Oxygen %

SPO2: HR:

Check Temp



Start ECG

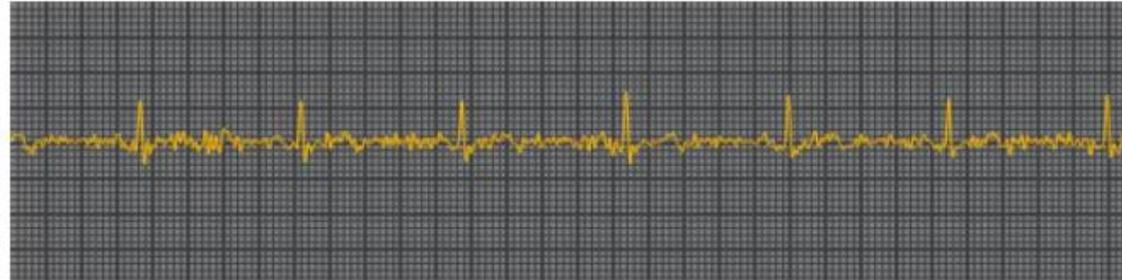
Stop ECG

Check BP

ECG: RR: 899 R-R: 667 HR: 89 HRV: 531 SDNN: 355 RMSSD: 518
SDNN_index: 252 STD: 355 MEAN: 667

Stop BP Check

Check BG



Stop BG Check

Check Battery



Clinical Telemedicine

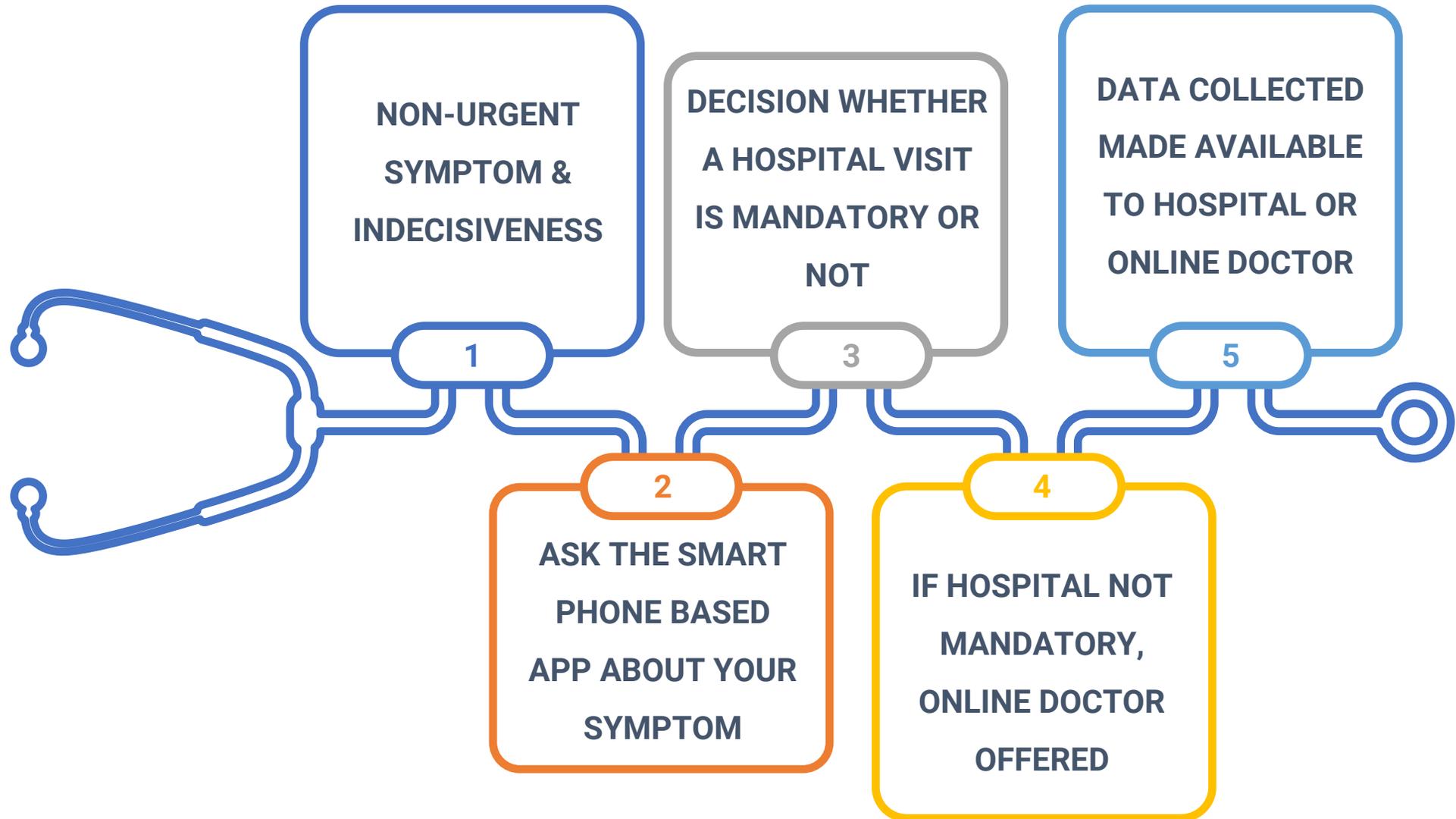
Clinical Telemedicine vs Video Consultations

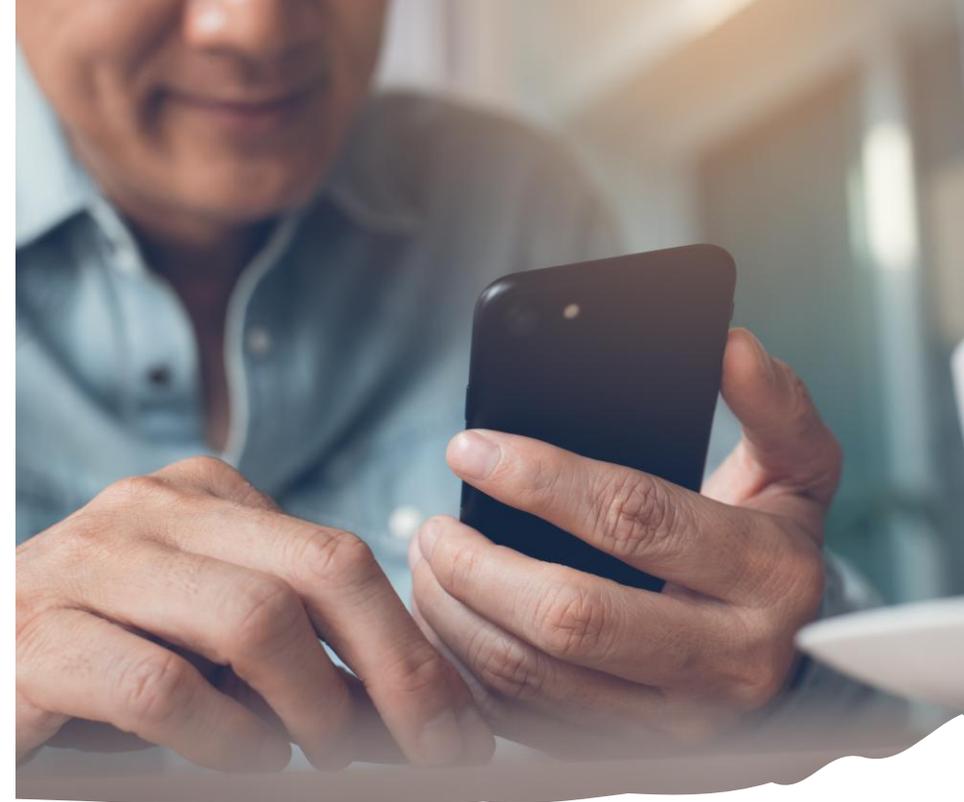
1. Appointment Management System
2. Practice Management System
3. Patient Electronic Medical Records
4. Manual Entry of Vital Signs readings
5. Integration with existing Hospital Records
6. Live consultation in HD, Low Latency Video
7. Electronic Waiting Room for Patients
8. Clinical Decision Support Tools
9. Clinical Guidelines for Disease Management
10. Symptoms Forms for history taking
11. Patient Education Module
12. Onward Referral Service to various fields
13. Integrated Pharmacy and Radiology Referrals
14. e-Prescription generation and dispatch
15. Auto-summary Document of Teleconsultation
16. Interoperability with Telemedicine Cameras
17. Multiple Clinicians can join simultaneously
18. The Patient's guest can join remotely
19. Interpreters can join remotely
20. Integration with iHealth Smart Gadgets
21. Patient Identification Registration System
22. Patient Consent Taking Portal
23. Audio Teleconsultation Dictation Portal
24. Instant Operating Manual Recall
25. Performance Audit Dashboards for the Admin
26. Practice Management by the Clinical Assistant
27. Open to any Payment Module Integration
28. Open to any SMS Platform Integration
29. Website to be fully responsive on Smartphones
30. Android and iOS Apps available if needed
31. Enhanced Data & Domain Security
32. HIPAA Compliant Video Meeting
33. GDPR Guidelines based on Data protection
34. Data Protection Firewall of Military Grade



Non-life-threatening
symptom

DECISION TIME





Booking Appointment

[Overseas Doctors](#)[Mahébourg](#)[Port Louis](#)[Quatre Bornes](#)[Saint Pierre](#)[Triolet](#)[Vacoas-Pheonix](#)[Search By Clinic](#)[Abdominal Pain Cli..](#)[Children's Diseases](#)[Energy Healer Clinic](#)[GP Clinic](#)[HB Clinic](#)[Heart Clinic](#)

Mrs. Deepa Tulsidas
Energy Healer

[Book an Appointment](#)

Dr. Maneesha Bhaya
Cardiology (Adult & Child) & ...

[Book an Appointment](#)

Dr. Muhammad Yusuf Ali ...
Family Physician

[Book an Appointment](#)

Dr. Nooruddin Jahn
Gastroenterologist

[Book an Appointment](#)

Ms. Rishtika Ombika
Psychologist

[Book an Appointment](#)

Mr. Sarvesh Dosooye
Psychologist

[Book an Appointment](#)

Dr. Aisha Khatoon Azam
Family Physician

[Book an Appointment](#)

Dr. Kaviraj Rughoobur
Ear Nose Throat Surgeon

[Book an Appointment](#)[Search By Speciality](#)[Allergy Medicine S...](#)[Cardiologist-Heart ...](#)[Cardiology \(Adult & ...](#)[Cardiothoracic Surg...](#)[Chest Specialist-Pu...](#)[Child Specialist-Pa...](#)[Clinical Genetics Sp...](#)[Consultant Family P...](#)[Consultant Physicia...](#)[Dentist](#)[Dermatology-Skin ...](#)[Ear Nose Throat Sur...](#)[Endocrinologist](#)[Energy Healer](#)



Nurse Triage

- Invite Colleague
- Invite Interpreter
- View Claimant's info
- View Claimant's Records
- M L Report Forms
 - MLP Form 2
 - MLP Form 1
- Video Examination
 - Stop Video
 - Change Audio & Video Source
- Doctor's input

MLP Form 2

Other

Maximum intensity reached, 1-10

Duration max intensity lasted for

Days

Weeks

Save

Current range of intensity of symptom

Pattern of occurrence



08:44



Logout

End Consultation

Capture Screen & Save

Education - Videos

Education - Images

Send Images

Check Past Visits

Consultation Summary



Waiting Room
at the Clinic

My Waiting Room

Waiting Room

My Appointments

Book an Appointment

Payment Receipts

Edit My Profile

Change Password

My Calendar

My Wallet

Transaction ID

My Medical Records

My Health Monitor

Consultation Summaries

My e-Prescriptions

My Vital Signs

Start Health Monitor

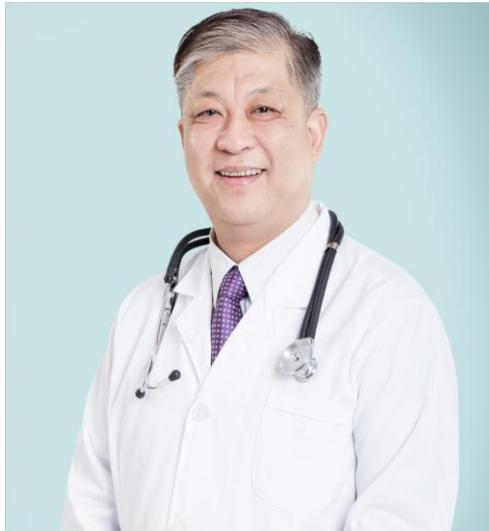
My Notifications

Your doctor knows you are waiting

Current Time: 5:35 pm

Waiting Since: 5:27 pm

Waiting position: 1



Special Interest/Experience
Interventional Cardiology

Languages
English, Spanish

Practice Base
Harley Street, London, UK

Appointment Type
Scheduled

Appointment Date-Time
25-06-2021, 5:30 pm

Fee Status
Paid via Medical Insurance

Pre-consultation Form
Completed



Dr Chris Riley FRCP
Consultant Cardiologist

Scrolling Info Bar | Flu vaccination is recommended for people above 55 years of age ..

You have arrived at the Waiting Room for the Doctor, who shall connect you shortly to the Online Consultation Room. Please stay on this screen while waiting. Thank you.

✕ Cancel Waiting

✉ Notify the Doctor

Alert ✕

Dr. Test Doctor 555 is now available, please attend the Teleconsultation by clicking here.

[Accept Call](#)

My Waiting Room

- Waiting Room
- My Appointments
- Book an Appointment
- Payment Receipts
- Edit My Profile
- Change Password
- My Calendar
- My Wallet
- Transaction ID
- My Medical Records
- My Health Monitor
- Consultation Summaries
- My e-Prescriptions
- My Vital Signs
- Start Health Monitor
- My Notifications
- My Refund Requests
- My Education Videos

Specialist Detail



Current Job or Role
Qualifications
Short Summary
Languages Known
English

Mr. Test Doctor 555
Family Physician

You have arrived at the Waiting Room for the Doctor, who shall connect you shortly to the Online Consultation Room. Please stay on this screen while waiting. Thank you.

Appointment Detail

Assistant
N/A
Date
02/11/2022
Time
18:18
Appointment Type
Instant Appointment
Position No
1

Your default Video Camera



Speak to check Mic activity



[✕ Cancel Waiting](#)

[✉ Notify the Doctor](#)



Meeting the Doctor

Invite a Colleague

Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

▼ Doctor's input

Do Onward Referral

Follow up Apptt



40:49



Log out

End Consultation Now

🖥️ Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Please copy the weblink below and forward to your invited participant.

<https://www.virtual.hospital/Appointment/ReferenceIndex/96> 

Invite a Colleague

Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

▼ Doctor's input

Do Onward Referral

Follow up Apptt



40:28



Log out

End Consultation Now

 Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

[Invite a Colleague](#)[Invite an Interpreter](#)[^ All History Forms](#)[Patient's Consent Form](#)[General History Form](#)[Symptom Specific Forms](#)[Doctor's Forms](#)[Dynamic Forms for Patient](#)[v View Medical Records](#)[Video Examination Window](#)[Patient's Waiting Room](#)[Stop Video](#)[Start Health Monitor](#)[Preview Health Monitor](#)[Capture Health Monitor](#)[Change Audio & Video Source](#)[v Doctor's input](#)[Do Onward Referral](#)[Follow up Apptt](#)

Consent Form

Consent Time: 02/11/2022 17:33

I agree to the following:

1. My medical history will be taken and a visual examination done during this Teleconsultation.
2. The medical data uploaded by me or provided to the doctor by the relevant party can be reviewed for medical decision making.
3. An image or a video clip may be saved for identification or medical follow up purposes within my secure electronic file.
4. This Telemedicine portal facilitates the Online Medical Consultation whereby the responsibility of medical care rests with the clinician providing this Teleconsultation.



39:59



Log out

End Consultation Now

Share your Screen

Capture Screen & Save

[v Patient Education](#)

[v Outpatient File](#)

Invite a Colleague

Invite an Interpreter

^ All History Forms

Patient's Consent Form

General History Form

Symptom Specific Forms

Doctor's Forms

Dynamic Forms for Patient

v View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

v Doctor's input

Do Onward Referral

Follow up Apptt

Basic General History Form

Question	Patient's Name
Answer	<input type="text"/>
Question	Age in Years and Months
Answer	<input type="text"/>
Question	Gender - M/F
Answer	<input type="text"/>
Question	Any major ongoing medical illness ?
Answer	<input type="text"/>
Question	Any hospital admission or surgical procedure in the last 10 years ?
Answer	<input type="text"/>
Question	Last taken Blood Glucose recording
Answer	<input type="text"/>
Question	Known Allergies, if any
Answer	<input type="text"/>



39:36



Log out

End Consultation Now

Share your Screen

Capture Screen & Save

v Patient Education

v Outpatient File

Invite a Colleague

Invite an Interpreter

^ All History Forms

Patient's Consent Form

General History Form

Symptom Specific Forms

Doctor's Forms

Dynamic Forms for Patient

v View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

v Doctor's input

Do Onward Referral

Follow up Apptt

Urinary Symptoms Form 1

This Form is only visible to the Doctor

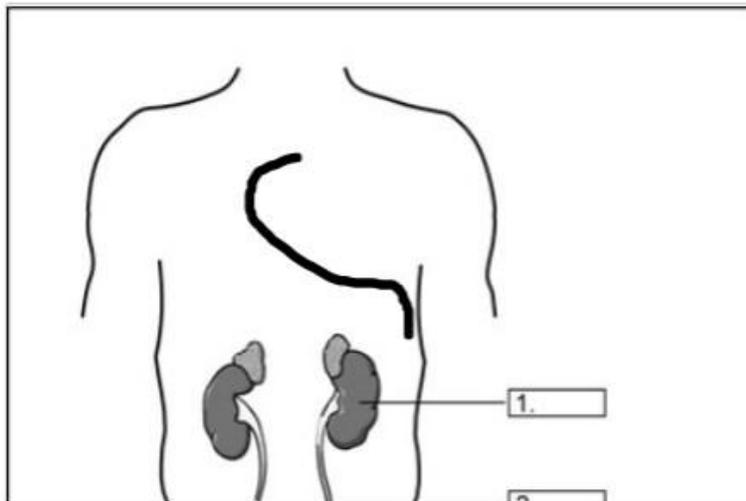
Symptoms of Urinary System

Please fill as applicable to you.

Which part of your back hurts most, please draw on screen.

Drawing toolbar with icons for:

- Black fill
- White fill
- Line
- Circle
- Text (T)
- Eraser
- Image
- Undo
- Redo
- Reset



Symptoms of Urinary System



38:06



Log out

End Consultation Now

Share your Screen

Capture Screen & Save

v Patient Education

v Outpatient File

Invite a Colleague
Invite an Interpreter

^ All History Forms
Patient's Consent Form
General History Form
Symptom Specific Forms
Doctor's Forms
Dynamic Forms for Patient

v View Medical Records

Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
Change Audio & Video Source

v Doctor's input
Do Onward Referral
Follow up Apptt

Wound Assessment Form 1

This Form is only visible to the Doctor

Wound Assessment Form

Wound Assessment Form 1
Urinary Symptoms Form 1

Date

11-02-2022



Date

Name

First Name

Last Name

Patient ID Number

ex: 1234567

Assessor Name

First Name

Last Name



38:43

Log out
End Consultation Now

Share your Screen
Capture Screen & Save

v Patient Education

v Outpatient File

Review the Existing Medical Records



Invite a Colleague

Invite an Interpreter

▼ All History Forms

^ View Medical Records

Upload Medical Records

Referral or Instruction Letter

Medical Records

Lab Reports

Radiology Images

Misc Images

Patient Videos

Health Monitor Readings

Vital Signs

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

Tick to include in Document Summary

Hospital Letter - 12-04-2019

◀ Prev

Next ▶

History

ECG completed and was reviewed by Dr Khan, ECG is at reception

seen alone

pc: rt sided chest pain

hpc: started 2 weeks ago

was doing sits up and happened after

pain worse with movement, coughing, deep breathing and certain position

no dib/sob

no haemoptysis

taking otc pain killer occ , helps

also had septic hip joint 2 years ago and last 6 months been getting pain in it

able to weight bear

no redness

no swelling

no injury

but gets pain on long walks

spoke to gp and said go to hospital

patient asked gp to see him in gp surgery but refused

pmhx charted

no social issue

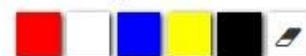
Examination

Electrocardiogram [29303009]

looks well



Drawing Tool



36:38



Log out

End Consultation Now

🖥️ Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague
Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
Change Audio & Video Source

↕ Doctor's input
Type Clinic Notes
Clinic Notes Dictation
Private Notes
Provisional Diagnosis
Request Investigations
Write e-Prescription
Recommend Procedure
Recommend Therapy
Do Onward Referral
Follow up Apptt

example of hospital medical record

Handy patients enterprise edition

David, 10 month and 10 days
Mutter, Tappin
Father: Richard, mother: Patricia, Males

Last: Anderson
First: David
Birth: 5 January 2009

Age: 8 month and 10 days Patient no: 3

Forms: Meeting (Doctor), Full status (Doctor), Assistant, Billing, Reports, Statistics

Sheets: Or Neurologic, Or Vascular, Or Cardiac, Or Respiratory, Or Allergies, Or Diabetes, Radiology, Summary, Patient documents, Charts

Meetings: 2 month checkup (5 Mar 09), 1 month checkup (5 Feb 09), Respiration problem (22 Jan 09), 10 days checkup (13 Jan 09), Control for return at home (9 Jan 09), Birth (5 Jan 09)

Diagnosis: General, My Diagnosis, Social

New documents: Abdomen palp (15 Sep 2009), Cardiac asst (15 Sep 2009)

Notes: Father ask many questions, add 10 minutes to consultation

Current doctor: Dr Herman

Digestive Thursday, 22 Jan 2009

Digestive inspection: Normal

Digestive auscultation: Normal abdomen noise

Digestive palpation: Little pain on the right lower area

Liver: No hepatomegaly.

Rectal:

Documents manager

Previous page Next page



07:05

Log out
End Consultation Now

Stop screen share
Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague

Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

^ Doctor's input

Type Clinic Notes

Clinic Notes Dictation

Private Notes

Provisional Diagnosis

Request Investigations

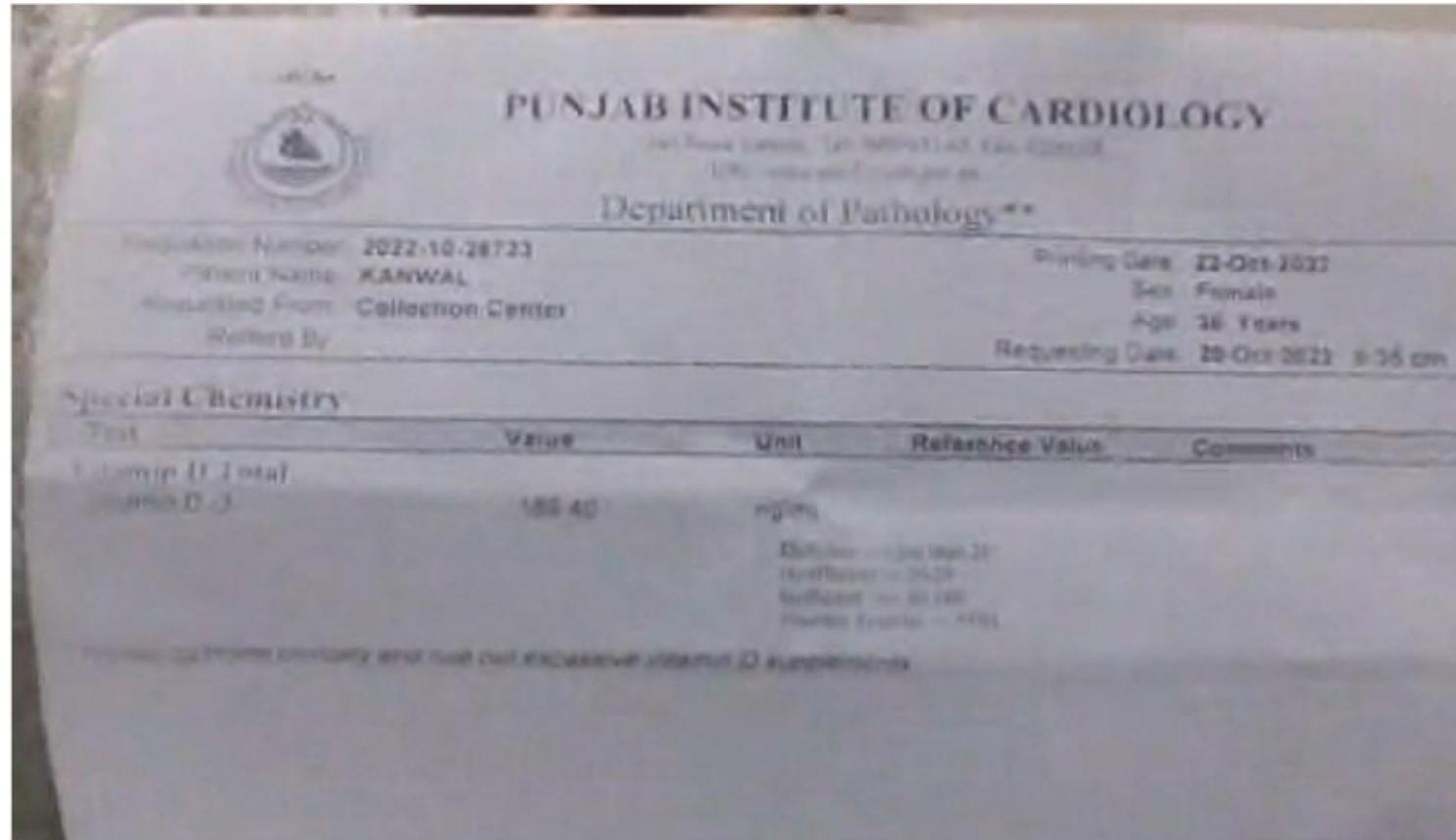
Write e-Prescription

Recommend Procedure

Recommend Therapy

Do Onward Referral

Follow up Apptt



04:32



Log out

End Consultation Now

Start Share Screen

Capture Screen & Save

▼ Patient Education

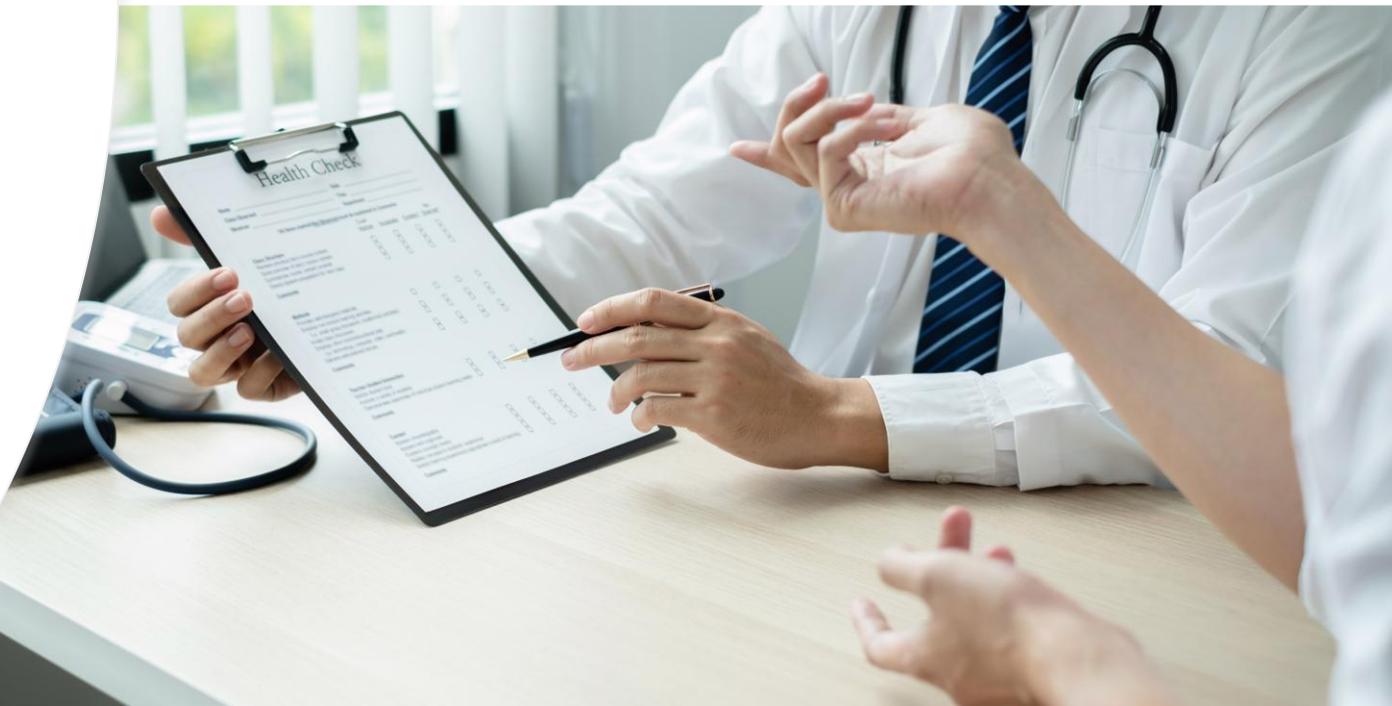
▼ Outpatient File



Recording Vital Signs at Home and EMR Building



Discussing the Investigations



Invite a Colleague
Invite an Interpreter

∨ All History Forms

- ∧ View Medical Records
 - Upload Medical Records
 - Referral or Instruction Letter
 - Medical Records
 - Lab Reports
 - Radiology Images
 - Misc Images
 - Patient Videos
 - Health Monitor Readings
 - Vital Signs

- Video Examination Window
 - Patient's Waiting Room
 - Stop Video
 - Start Health Monitor
 - Preview Health Monitor
 - Capture Health Monitor
 - Change Audio & Video Source

- ∨ Doctor's input
 - Do Onward Referral
 - Follow up Apptt

Tick to include in Document Summary

Lab Report 22-10-2022

◀ Prev

Next ▶

Component	Your Value	Standard Range	Units
SEGMENTED NEUTROPHILS	33	40 - 75	%
BANDS	9	0 - 9	%
LYMPHOCYTES	9	20 - 50	%
MONOCYTES	41	2 - 11	%
EOSINOPHILS	1	0 - 6	%
BASOPHILS	5	0 - 2	%
METAMYELOCYTES	2	0 - 0	%
ABSOLUTE NEUTROPHIL COUNT	1.3	1.8 - 7.8	10 ⁹ /L
Absolute Lymphocyte Count	0.3	1.0 - 4.8	10 ⁹ /L
ABSOLUTE MONOCYTE COUNT	1.2	0.2 - 0.9	10 ⁹ /L
ABSOLUTE EOSINOPHIL COUNT	0.0	0.0 - 0.4	10 ⁹ /L
ABSOLUTE BASOPHIL COUNT	0.2	0.0 - 0.2	10 ⁹ /L
MACROCYTES	1+		
POLYCHROMASIA	1+		
SCHISTOCYTES	1+		
TEAR DROP CELLS	1+		



Drawing Tool

35:38

Log out
End Consultation Now

Share your Screen
Capture Screen & Save

∨ Patient Education

∨ Outpatient File

Invite a Colleague
Invite an Interpreter

▼ All History Forms

^ View Medical Records
Upload Medical Records
Referral or Instruction Letter
Medical Records
Lab Reports
Radiology Images
Misc Images
Patient Videos
Health Monitor Readings
Vital Signs

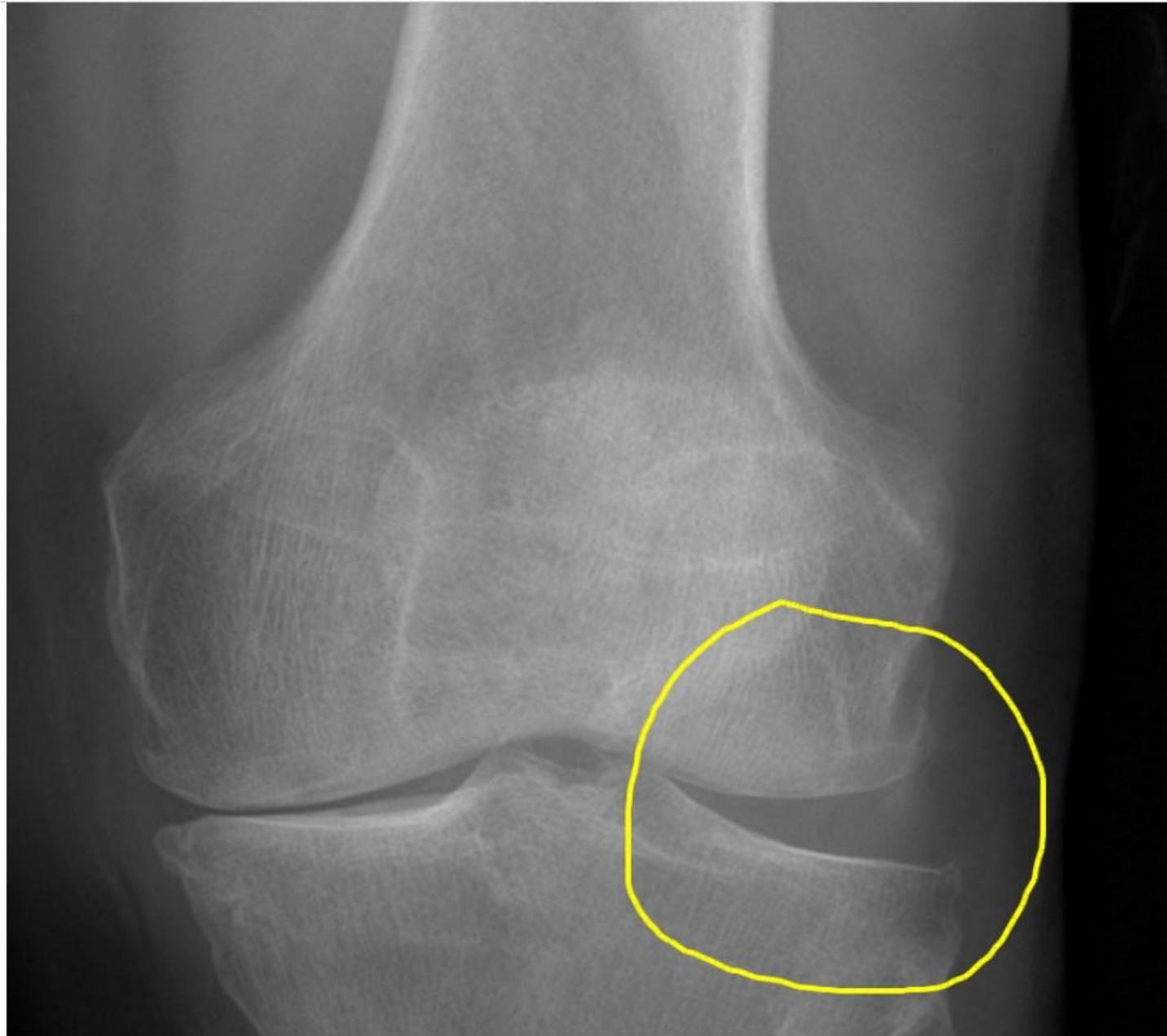
Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
Change Audio & Video Source

▼ Doctor's input
Do Onward Referral
Follow up Appt

Tick to include in Document Summary

Knee AP X-Rays - 22-07-1996

◀ Prev Next ▶



Drawing Tool

Color selection: Red, White, Blue, Yellow, Black, and a brush icon.

34:51

Log out
End Consultation Now

Share your Screen
Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague
Invite an Interpreter

▼ All History Forms

- ^ View Medical Records
- Upload Medical Records
- Referral or Instruction Letter
- Medical Records
- Lab Reports
- Radiology Images
- Misc Images
- Patient Videos
- Health Monitor Readings
- Vital Signs

- Video Examination Window
- Patient's Waiting Room
- Stop Video
- Start Health Monitor
- Preview Health Monitor
- Capture Health Monitor
- Change Audio & Video Source

- ▼ Doctor's input
- Do Onward Referral
- Follow up Apptt

Tick to include in Document Summary

Health Check - 24-10-2022 08:24

◀ Prev

Next ▶

Detect Device

Patient 002

Detect Interface

Blood sugar test strip selection :

Check Oxygen %

Temperature: 36.7 Blood Sugar:

Stop Oxygen %

Instruction:

Systolic: 163 Diastolic: 92 Heart rate: 78

Check Temp

SPO2: 47 HR: 61

Start ECG

Stop ECG

Check BP

Stop BP Check

ECG: RR: 38 R-R: 345 HR: 173 HRV: 899 SDNN: 311 RMSSD: 433
SDNN_index: 208 STD: 311 MEAN: 345

Check BG

Stop BG Check



Drawing Tool

33:03

Log out
End Consultation Now

Share your Screen
Capture Screen & Save

▼ Patient Education

▼ Outpatient File



Medical Examination



Invite a Colleague

Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

▼ Doctor's input

Do Onward Referral

Follow up Apptt



41:56



Log out

End Consultation Now

🖥️ Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

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Virtual Hospital

Invite Family Member 

+ Add New Video

Centralize New Video

✖ Close New Video

Change Audio & Video Source

Capture Health Monitor

Stop Video





Recording Vital Signs



Invite a Colleague

Invite an Interpreter

▼ All History Forms

^ View Medical Records

Upload Medical Records

Referral or Instruction Letter

Medical Records

Lab Reports

Radiology Images

Misc Images

Patient Videos

Health Monitor Readings

Vital Signs

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

Patient's Blood Pressure

Save and Share

List View

BP (mm Hg)	Pulse (Pulse/Min)	Comments	Date/Time
160/90	90		02/11/2022 at 17:42
140/85	80		02/11/2022 at 17:42
155/110	60	Moderate headaches	16/09/2022 at 23:17



30:21



Log out

End Consultation Now

Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague

Invite an Interpreter

▼ All History Forms

^ View Medical Records

Upload Medical Records

Referral or Instruction Letter

Medical Records

Lab Reports

Radiology Images

Misc Images

Patient Videos

Health Monitor Readings

Vital Signs

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

Patient's Blood Pressure

Systolic (mm Hg)

Diastolic (mm Hg)

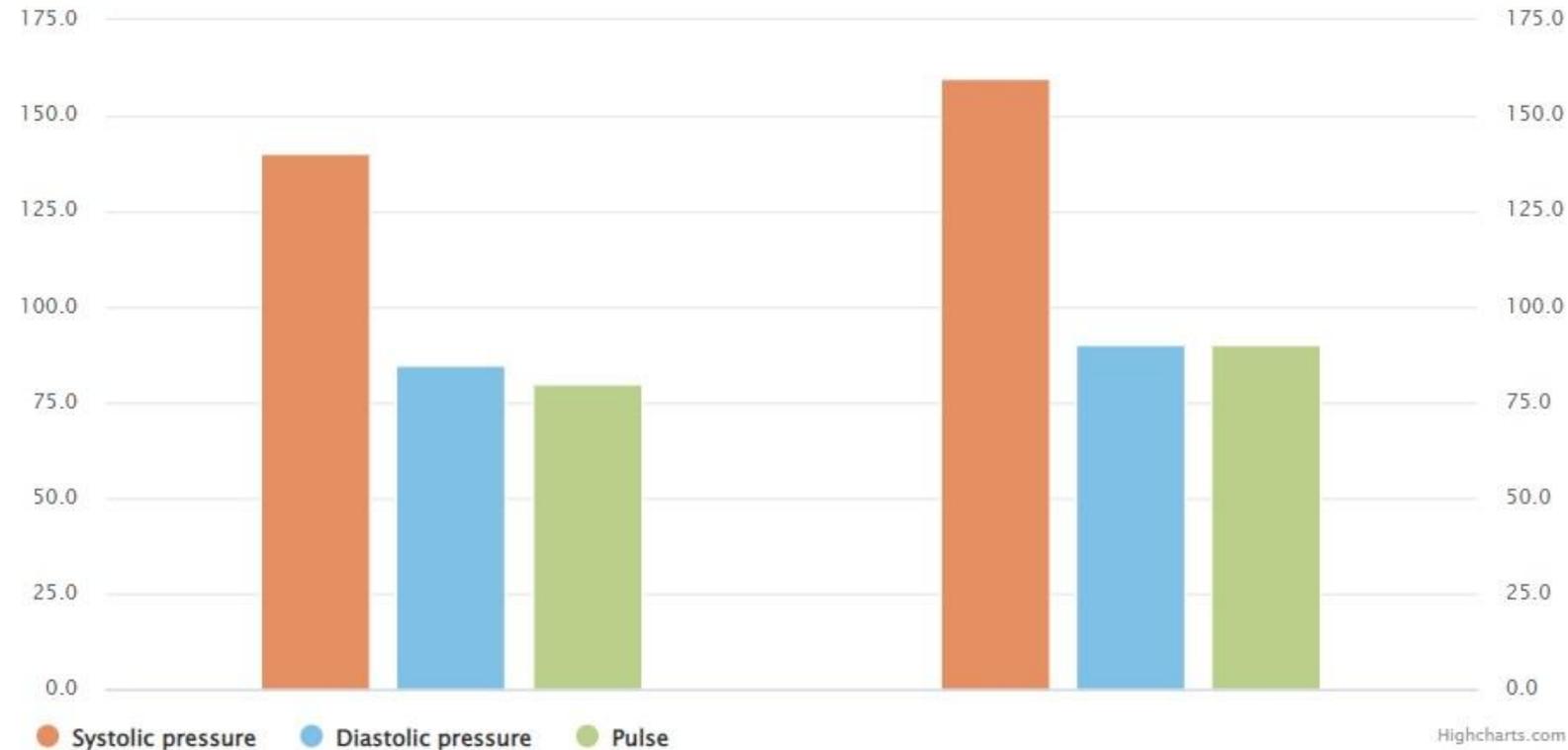
Pulse (Pulse/Min)

Comments

Save and Share

Bar Graph

The graph shows last 30 days



30:05



Log out

End Consultation Now

Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague

Invite an Interpreter

▼ All History Forms

^ View Medical Records

Upload Medical Records

Referral or Instruction Letter

Medical Records

Lab Reports

Radiology Images

Misc Images

Patient Videos

Health Monitor Readings

Vital Signs

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

Patient Blood Glucose

Blood Glucose

Select Unit

Pre Breakfast

Pre Medicine

Random Blood Glucose

Select Random Blood Glucose U

Comments

Save and Share

List View

Blood Glucose (mg/dL)	Unit	Random Blood Glucose	Random Blood Glucose Unit	Comments	Meal	Medication	Date
No record found							



29:19



Log out

End Consultation Now

Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague

Invite an Interpreter

▼ All History Forms

^ View Medical Records

Upload Medical Records

Referral or Instruction Letter

Medical Records

Lab Reports

Radiology Images

Misc Images

Patient Videos

Health Monitor Readings

Vital Signs

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

Body Mass Index

Save and Share

Weight	Height	BMI	Comment	Date
No record found				



28:56

Log out
End Consultation Now

Share your Screen
Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague

Invite an Interpreter

▼ All History Forms

^ View Medical Records

Upload Medical Records

Referral or Instruction Letter

Medical Records

Lab Reports

Radiology Images

Misc Images

Patient Videos

Health Monitor Readings

Vital Signs

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

Patient's Spirometer Values

FEV1 (%)	FVC (%)	FEV1/ FVC ratio (%)
FEV6 (%)	FEF25-75% (%)	MVV (%)
Save and Share		List View ▼

FEV1 (%)	FVC (%)	FEV1/ FVC ratio (%)	FEV6 (%)	FEF25-75% (%)	MVV (%)	Date/Time
No record found.						



28:32



Log out

End Consultation Now

☐ Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File



Preparing Clinic Notes
Hand-written or Digital

Invite a Colleague

Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

^ Doctor's input

Type Clinic Notes

Clinic Notes Dictation

Private Notes

Provisional Diagnosis

Request Investigations

Write e-Prescription

Recommend Procedure

Recommend Therapy

Do Onward Referral

Follow up Apptt

Type Clinic Notes

The clinical impression is of Chronic Pulmonary Obstructive Disease of a mild type.

Click here to share with patient

Display Previous Entry



19:58



Log out

End Consultation Now

🖥️ Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague
Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
Change Audio & Video Source

^ Doctor's input
Type Clinic Notes
Clinic Notes Dictation
Private Notes
Provisional Diagnosis
Request Investigations
Write e-Prescription
Recommend Procedure
Recommend Therapy
Do Onward Referral
Follow up Apptt

Clinic Notes Dictation

🎤 Click here to record a voice note (3 min long)

OR you may use Live Voice Dictation if available for you by clicking the MICROPHONE button of "Speech notes Extension".

Mic testing mic testing mic testing

Submit



17:18



Log out

End Consultation Now

🖥️ Share your Screen

Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague
Invite an Interpreter

▼ All History Forms

▼ View Medical Records

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Patient's Waiting Room
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^ Doctor's input
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Provisional Diagnosis
Request Investigations
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Recommend Procedure
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Do Onward Referral
Follow up Apptt

Private Notes

Private Notes

Save Notes

Display Previous Entry



16:55

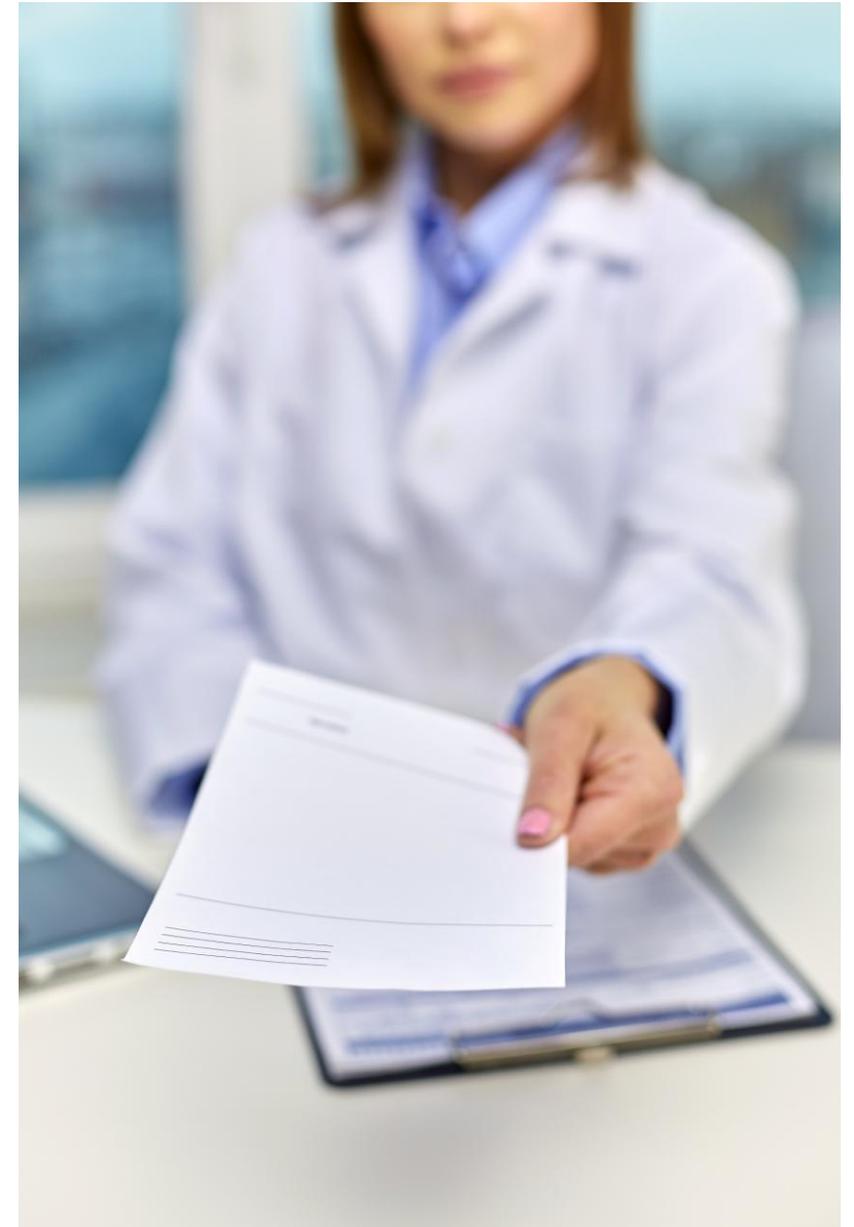
Log out
End Consultation Now

Share your Screen
Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Inter-speciality Patient Referral



Invite a Colleague
 Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
 Patient's Waiting Room
 Stop Video
 Start Health Monitor
 Preview Health Monitor
 Capture Health Monitor
 Change Audio & Video Source

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 Provisional Diagnosis
 Request Investigations
 Write e-Prescription
 Recommend Procedure
 Recommend Therapy
 Do Onward Referral
 Follow up Apptt

Onward Referral

Diabetes-Nutrition-Wellness ▼
 Dr. Rabia Anwer ▼

Save and Preview

Preview

Virtual Hospital

Powered by Medical City Online, UK



Medical Referral after a Tele-consultation

Appointment date and time: 02/11/2022 at 17:27 PM
 Patient's name: Patient 002
 Mobile no:
 Email: patient002@yopmail.com
 Referred by: Dr. Test Doctor333
 Healthcare Provider's City: Dubai

Dear colleague,
 I am referring you Patient 002 after a Tele-consultation as I believe that your professional expertise will be helpful in this case. Here is the case summary below:
 I had access to the following Medical Records during the Teleconsultation:

Component	Your Value	Standard Range	Units
SEGMENTED NEUTROPHILS	33	40 - 75	%
BANDS	9	0 - 9	%
LYMPHOCYTES	9	20 - 60	%




11:45

Log out
 End Consultation Now

Share your Screen
 Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague
 Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
 Patient's Waiting Room
 Stop Video
 Start Health Monitor
 Preview Health Monitor
 Capture Health Monitor
 Change Audio & Video Source

^ Doctor's input
 Type Clinic Notes
 Clinic Notes Dictation
 Private Notes
 Provisional Diagnosis
 Request Investigations
 Write e-Prescription
 Recommend Procedure
 Recommend Therapy
 Do Onward Referral
 Follow up Apptt

Onward Referral

Diabetes-Nutrition-Wellness

Dr. Rabia Anwer

Save and Preview

Preview

Dear colleague,

I am referring you Patient 002 after a Tele-consultation as I believe that your professional expertise will be helpful in this case. Here is the case summary below:

I had access to the following Medical Records during the Teleconsultation:

Component	Your Value	Standard Range	Units
SEGMENTED NEUTROPHILS	33	40 - 75	%
BANDS	9	0 - 9	%
LYMPHOCYTES	9	20 - 50	%
MONOCYTES	41	2 - 11	%
EOSINOPHILS	1	0 - 6	%
BASOPHILS	5	0 - 2	%
METAMYELOCYTES	2	0 - 0	%
ABSOLUTE NEUTROPHIL COUNT	1.3	1.8 - 7.8	10 ⁹ /L
Absolute Lymphocyte Count	0.3	1.0 - 4.8	10 ⁹ /L
ABSOLUTE MONOCYTE COUNT	1.2	0.2 - 0.9	10 ⁹ /L
ABSOLUTE EOSINOPHIL COUNT	0.0	0.0 - 0.4	10 ⁹ /L
ABSOLUTE BASOPHIL COUNT	0.2	0.0 - 0.2	10 ⁹ /L
MACROCYTES	1+		
POLYCHROMASIA	1+		
SCHISTOCYTES	1+		
TEAR DROP CELLS	1+		



Default Device Patient 002



11:25

Log out
 End Consultation Now

Share your Screen
 Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Prescription – Consultation Summary Paper or Digital



Invite a Colleague
Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
Change Audio & Video Source

^ Doctor's input
Type Clinic Notes
Clinic Notes Dictation
Private Notes
Provisional Diagnosis
Request Investigations
Write e-**Prescription**
Recommend Procedure
Recommend Therapy
Do Onward Referral
Follow up Apptt

Write Prescription

Brufen	400 mg	One Tablet	Twice daily
Oral	Neck pain	02/11/2022	09/11/2022
Notes		Save and Share	Display Previous Entries

Prescription	Strength	Dose	Frequency	Reason	Route	Start Date	End Date	Notes	Delete
--------------	----------	------	-----------	--------	-------	------------	----------	-------	--------

No records found



13:28

Log out
End Consultation Now

Share your Screen
Capture Screen & Save

▼ Patient Education

▼ Outpatient File

Invite a Colleague
 Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
 Patient's Waiting Room
 Stop Video
 Start Health Monitor
 Preview Health Monitor
 Capture Health Monitor
 Change Audio & Video Source

^ Doctor's input
 Type Clinic Notes
 Clinic Notes Dictation
 Private Notes
 Provisional Diagnosis
 Request Investigations
 Write e-Prescription
 Recommend Procedure
 Recommend Therapy
 Do Onward Referral
 Follow up Apptt

Virtual Hospital

Powered by Medical City Online, UK



Prescription following a recent Tele-consultation

Appointment date and time: 02/11/2022 at 17:27 PM
 Patient Registration Number: 2022091620-002-DR-Po
 Patient's name: Patient 002
 Patient's contact number:
 Teleconsultation with: Dr. Test Doctor333
 Doctor contact number: 34234
 Healthcare Provider's City: Dubai

To Whom It May Concern

I am forwarding the prescription for Patient 002 who had a Teleconsultation with me at Virtual Hospital which is a Live Video Integrated Telemedicine Software.

The clinical impression made during the Tele-consultation about Patient 002's condition is as below:

Diagnosis	More detail
Cervical Osteoarthritis	Moderate

Prescribed medications

Medication	Strength	Dose	Frequency	Route	Start Date	End Date
Brufen	400 mg	One Tablet	Twice daily	Oral	02/11/2022	09/11/2022



Log out
 End Consultation Now

Start Share Screen
 Capture Screen & Save

▼ Patient Education

^ Outpatient File
 Check Past Visits
 View Consultation Summary
 View e-Prescription
 Send e-Prescription to Patient
 Send to Pharmacy
 Send to Lab

Invite a Colleague
 Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
 Patient's Waiting Room
 Stop Video
 Start Health Monitor
 Preview Health Monitor
 Capture Health Monitor
 Change Audio & Video Source

^ Doctor's input
 Type Clinic Notes
 Clinic Notes Dictation
 Private Notes
 Provisional Diagnosis
 Request Investigations
 Write e-Prescription
 Recommend Procedure
 Recommend Therapy
 Do Onward Referral
 Follow up Apptt

Virtual Hospital

Powered by

Appointment date and time: 02/11/2022 at 17:27 PM
 Patient Registration Number: 2022091620-002-DR-Po
 Patient's name: Patient 002
 Patient's contact number:
 Teleconsultation with: Dr. Test Doctor333
 Doctor contact number: 34234
 Healthcare Provider's City: Dubai

To Whom It May Concern

I am forwarding the prescription for Patient 002 who had a Teleconsultation with me at Virtual Hospital which is a Live Video Integrated Telemedicine Software.

The clinical impression made during the Tele-consultation about Patient 002's condition is as below:

Diagnosis	More detail
Cervical Osteoarthritis	Moderate

Prescribed medications

Medication	Strength	Dose	Frequency	Route	Start Date	End Date
Brufen	400 mg	One Tablet	Twice daily	Oral	02/11/2022	09/11/2022

Prescription Dispatch ✕

Email

Download Prescription
E-mail Prescription

GLOBAL Health Bank



59:49

Log out
End Consultation Now

Start Share Screen
Capture Screen & Save

▼ Patient Education

^ Outpatient File
Check Past Visits
View Consultation Summary
View e-Prescription
Send e-Prescription to Patient
Send to Pharmacy
Send to Lab

- Invite a Colleague
- Invite an Interpreter
- ▼ All History Forms
- ▼ View Medical Records
- Video Examination Window
- Patient's Waiting Room
- Stop Video
- Start Health Monitor
- Preview Health Monitor
- Capture Health Monitor
- Change Audio & Video Source

- ^ Doctor's input
- Type Clinic Notes
- Clinic Notes Dictation
- Private Notes
- Provisional Diagnosis
- Request Investigations
- Write e-Prescription
- Recommend Procedure
- Recommend Therapy
- Do Onward Referral
- Follow up Apptt

Virtual Hospital

Powered by

Appointment

Patient Registration Number: 2022091620-002-DR-P0
 Patient's name: Patient 002
 Patient's contact number:
 Teleconsultation with: Dr. Test Doctor333
 Doctor contact number: 34234
 Healthcare Provider's City: Dubai

To Whom It May Concern

I am forwarding the prescription for Patient 002 who had a Teleconsultation with me at Virtual Hospital which is a Live Video Integrated Telemedicine Software.

The clinical impression made during the Tele-consultation about Patient 002's condition is as below:

Diagnosis	More detail
Cervical Osteoarthritis	Moderate

Prescribed medications

Medication	Strength	Dose	Frequency	Route	Start Date	End Date
Brufen	400 mg	One Tablet	Twice daily	Oral	02/11/2022	09/11/2022

Dispatch to Pharmacy ✕

Select Pharmacy:

Select Pharmacy ▼

Dispatch to Pharmacy
Close



59:28



Log out

End Consultation Now

Start Share Screen

Capture Screen & Save

▼ Patient Education

^ Outpatient File

Check Past Visits

View Consultation Summary

View e-Prescription

Send e-Prescription to Patient

Send to Pharmacy

Send to Lab

Invite a Colleague
Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
Change Audio & Video Source

^ Doctor's input
Type Clinic Notes
Clinic Notes Dictation
Private Notes
Provisional Diagnosis
Request Investigations
Write e-Prescription
Recommend Procedure
Recommend Therapy
Do Onward Referral
Follow up Apptt

Virtual Hospital

Powered by

Appointment

Patient Registration Number: 2022091620-002-DR-Po
Patient's name: Patient 002
Patient's contact number:
Teleconsultation with: Dr. Test Doctor333
Doctor contact number: 34234
Healthcare Provider's City: Dubai

Dispatch to Lab ✕

Select Lab:

Select Lab ▼

Dispatch to Lab
Close

To Whom It May Concern

I am forwarding the prescription for Patient 002 who had a Teleconsultation with me at Virtual Hospital which is a Live Video Integrated Telemedicine Software.

The clinical impression made during the Tele-consultation about Patient 002's condition is as below:

Diagnosis	More detail
Cervical Osteoarthritis	Moderate

Prescribed medications

Medication	Strength	Dose	Frequency	Route	Start Date	End Date
Brufen	400 mg	One Tablet	Twice daily	Oral	02/11/2022	09/11/2022

GLOBAL Health Bank



5933



Log out

End Consultation Now

Start Share Screen

Capture Screen & Save

▼ Patient Education

^ Outpatient File

Check Past Visits

View Consultation Summary

View e-Prescription

Send e-Prescription to Patient

Send to Pharmacy

Send to Lab

Invite a Colleague

Invite an Interpreter

[▼ All History Forms](#)
[▼ View Medical Records](#)

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

[^ Doctor's input](#)

Type Clinic Notes

Clinic Notes Dictation

Private Notes

Provisional Diagnosis

Request Investigations

Write e-Prescription

Recommend Procedure

Recommend Therapy

Do Onward Referral

Follow up Apptt

Virtual Hospital

Powered by Medical City Online, UK



Summary of the Tele-consultation

Appointment date and time: 02/11/2022 at 17:27 PM

Patient Registration Number: 2022091620-002-DR-P0

Patient's name: Patient 002

Teleconsultation with: Dr Test Doctor333

Healthcare Provider's City: Dubai

To Whom It May Concern

I am pleased to summarise the Tele-consultation with Patient 002 at Virtual Hospital which is a Live Video Integrated Telemedicine Software.

I had access to the following Medical Records during the Teleconsultation:

Component	Your Value	Standard Range	Units
SEGMENTED NEUTROPHILS	33	40 - 75	%
BANDS	9	0 - 9	%
LYMPHOCYTES	9	20 - 50	%
MONOCYTES	41	2 - 11	%
EOSINOPHILS	1	0 - 6	%
BASOPHILS	5	0 - 2	%
METAMYELOCYTES	2	0 - 0	%
ABSOLUTE NEUTROPHIL COUNT	1.3	1.8 - 7.8	10 ⁹ /L
Absolute Lymphocyte Count	0.3	1.0 - 4.8	10 ⁹ /L
ABSOLUTE MONOCYTE COUNT	1.2	0.2 - 0.9	10 ⁹ /L
ABSOLUTE EOSINOPHIL COUNT	0.0	0.0 - 0.4	10 ⁹ /L



00:18



Log out

End Consultation Now

Start Share Screen

Capture Screen & Save

[▼ Patient Education](#)
[^ Outpatient File](#)

Check Past Visits

[View Consultation Summary](#)

View e-Prescription

Send e-Prescription to Patient

Send to Pharmacy

Send to Lab

Invite a Colleague
 Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
 Patient's Waiting Room
 Stop Video
 Start Health Monitor
 Preview Health Monitor
 Capture Health Monitor
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^ Doctor's input
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 Clinic Notes Dictation
 Private Notes
 Provisional Diagnosis
 Request Investigations
 Write e-Prescription
 Recommend Procedure
 Recommend Therapy
 Do Onward Referral
 Follow up Appt

● Free slots are shown here. Patients can book directly from their account or Clinic Assistant can book for them.

< > today

November 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7 9:00 - 9:15 9:15 - 9:30 +6 more	8	9 14:00 - 14:15 14:15 - 14:30 +14 more	10	11	12
13	14 9:00 - 9:15 9:15 - 9:30 +6 more	15	16	17	18	19
20	21 9:00 - 9:15 9:15 - 9:30 +6 more	22	23	24	25	26
27	28 9:00 - 9:15 9:15 - 9:30 +6 more	29	30	1	2	3
4	5 9:00 - 9:15 9:15 - 9:30 +6 more	6	7	8	9	10



11:09

Log out
 End Consultation Now

Share your Screen
 Capture Screen & Save

▼ Patient Education

▼ Outpatient File



Patient Education

Invite a Colleague

Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window

Patient's Waiting Room

Stop Video

Start Health Monitor

Preview Health Monitor

Capture Health Monitor

Change Audio & Video Source

^ Doctor's input

Type Clinic Notes

Clinic Notes Dictation

Private Notes

Provisional Diagnosis

Request Investigations

Write e-Prescription

Recommend Procedure

Recommend Therapy

Do Onward Referral

Follow up Apptt

Diabetes Plate

◀ Prev

Next ▶

Diabetes Plate Method:

1. **Start with a smaller plate**
2. **Fill half with non-starchy vegetables**
3. **Quarter with protein**
4. **Quarter with carbohydrates**

Have plenty of
vegetables and fruits
with a ratio of 5
veg:2 fruits

Eat protein foods



Make water
your drink
of choice

Choose
whole grain
foods



Drawing Tool



04:01



Log out

End Consultation Now

Start Share Screen

Capture Screen & Save

^ Patient Education

Patient Education Diagrams

Send Diagrams to Patient

Patient Education Videos

▼ Outpatient File

Invite a Colleague
Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
Change Audio & Video Source

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Type Clinic Notes
Clinic Notes Dictation
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Recommend Therapy
Do Onward Referral
Follow up Apptt

Health Monitor 3

◀ Prev Next ▶



Drawing Tool

03:32

Log out
End Consultation Now

Start Share Screen
Capture Screen & Save

^ Patient Education
Patient Education Diagrams
Send Diagrams to Patient
Patient Education Videos

▼ Outpatient File

- Invite a Colleague
- Invite an Interpreter
- ▼ All History Forms
- ▼ View Medical Records
- Video Examination Window
- Patient's Waiting Room
- Stop Video
- Start Health Monitor
- Preview Health Monitor
- Capture Health Monitor
- Change Audio & Video Source
- ^ Doctor's input
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- Clinic Notes Dictation
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- Provisional Diagnosis
- Request Investigations
- Write e-Prescription
- Recommend Procedure
- Recommend Therapy
- Do Onward Referral
- Follow up Apptt

Educational Diagrams

1 Images has been selected.

Email

[Download Diagrams](#) [Email Diagrams](#)



Drawing Tool

03:03

Log out

End Consultation Now

Start Share Screen

Capture Screen & Save

^ Patient Education

Patient Education Diagrams

Send Diagrams to Patient

Patient Education Videos

▼ Outpatient File

Invite a Colleague
Invite an Interpreter

▼ All History Forms

▼ View Medical Records

Video Examination Window
Patient's Waiting Room
Stop Video
Start Health Monitor
Preview Health Monitor
Capture Health Monitor
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Clinic Notes Dictation
Private Notes
Provisional Diagnosis
Request Investigations
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Recommend Procedure
Recommend Therapy
Do Onward Referral
Follow up Apptt

Show to the patient

Using An Asthma Inhalor

◀ Prev

Next ▶



Drawing Tool

02:20

Log out
End Consultation Now

Start Share Screen
Capture Screen & Save

^ Patient Education
Patient Education Diagrams
Send Diagrams to Patient
Patient Education Videos

▼ Outpatient File

CLINICAL TELEMEDICINE

Revolutionary
Milestone in
Healthcare Delivery



- ✓ SCOPE
- ✓ IMPACT
- ✓ DEPLOYMENT
- ✓ USER CASE SCENARIOS

**ANALOGUE TO
DIGITAL MEDICINE**

Remote Disease Management

Clinical Telemedicine vs Video Consultations



Scope

Chronic Conditions including Cancer Follow-up

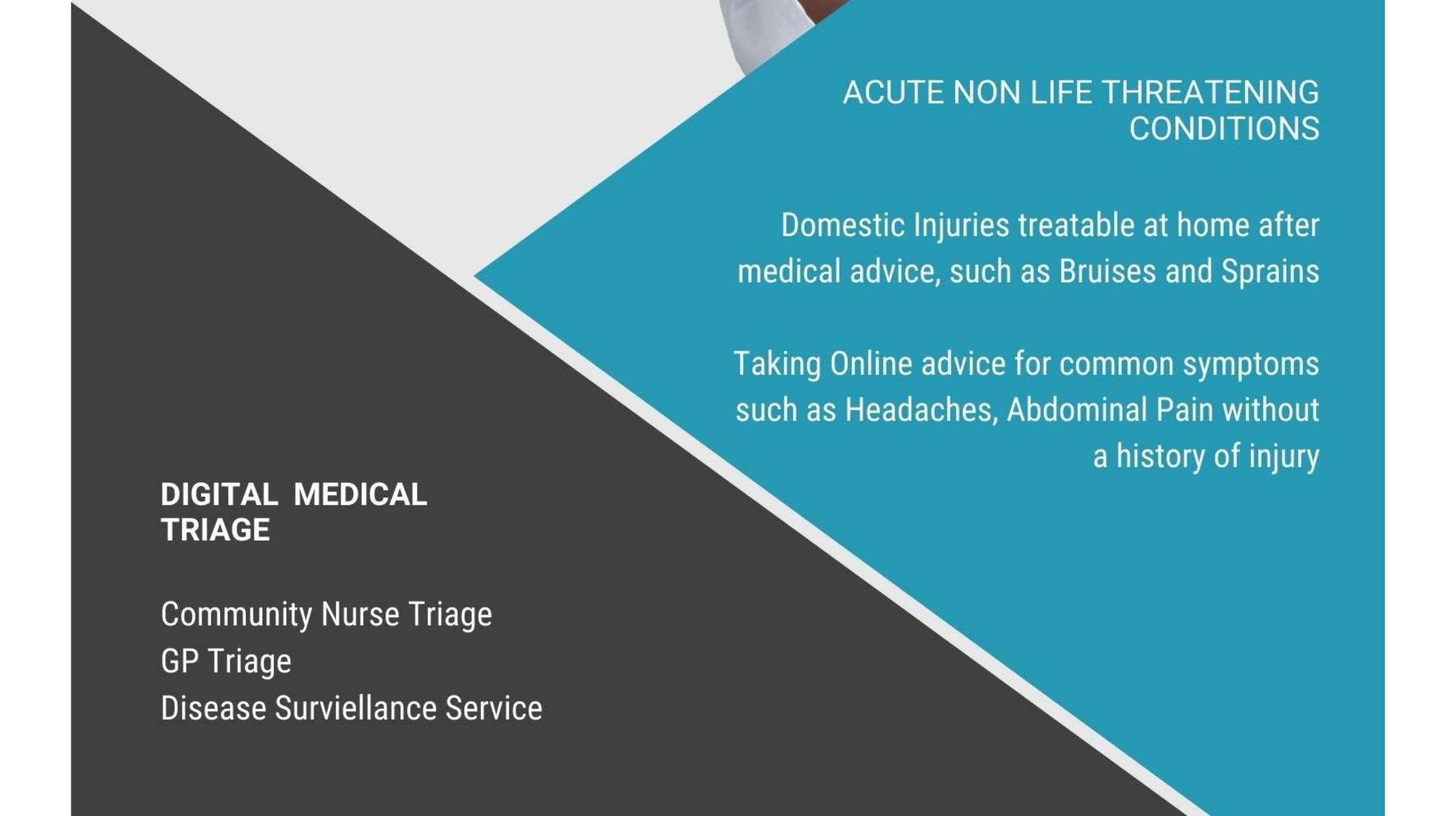
Acute Conditions but non-Life Threatening

Chronic Conditions



- Chronic Cardiac Disease & Hypertension
- Chronic Pulmonary & Renal Conditions
- Chronic Paediatric Conditions
- Other Specialities, such as:
 - Endocrinology & Rheumatology
 - Dermatology
 - Psychiatry
- Special Conditions
 - Cancer Followup
 - Wound Followup
 - Post-op Home Monitoring
 - Infertility Case Monitoring
- Surgical Specialities
 - Orthopaedics
 - Gynaecology
 - E.N.T.





ACUTE NON LIFE THREATENING
CONDITIONS

Domestic Injuries treatable at home after
medical advice, such as Bruises and Sprains

Taking Online advice for common symptoms
such as Headaches, Abdominal Pain without
a history of injury

**DIGITAL MEDICAL
TRIAGE**

Community Nurse Triage

GP Triage

Disease Surveillance Service

CLINICAL TELEMEDICINE

Managing Chronic
Medical Conditions
remotely

- Efficient Cost-to-Serve Ratio
- Proven Therapeutic Effectiveness
- Convenience for all
- Fast, reducing waiting time
- Less Social Burden



Virtual Healthcare Eco-system

Medical Training & Supervision

Symptoms based Forms

Virtual Supervision



Clinical Guidelines

Clinical Decision Support System

Healthcare Standards Raised
Patient Safety Enhanced

Virtual Healthcare Eco-system

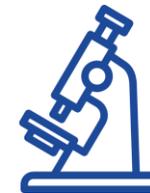
Effortless and Paperless Dispatch Options



**Auto Dispatch
to Pharmacy**



**Inter-specialty
Referrals**



**Auto Dispatch
to Path Lab**



**Auto Dispatch
to Radiology Lab**

BIG DATA

in healthcare

- AI Forms as Front-end of Telemedicine Portal
- Offline Collection of Health Data
- Health Data recorded during Live Teleconsultation
- Auto-monitoring Vital Signs Dashboard



Virtual Healthcare Eco-system

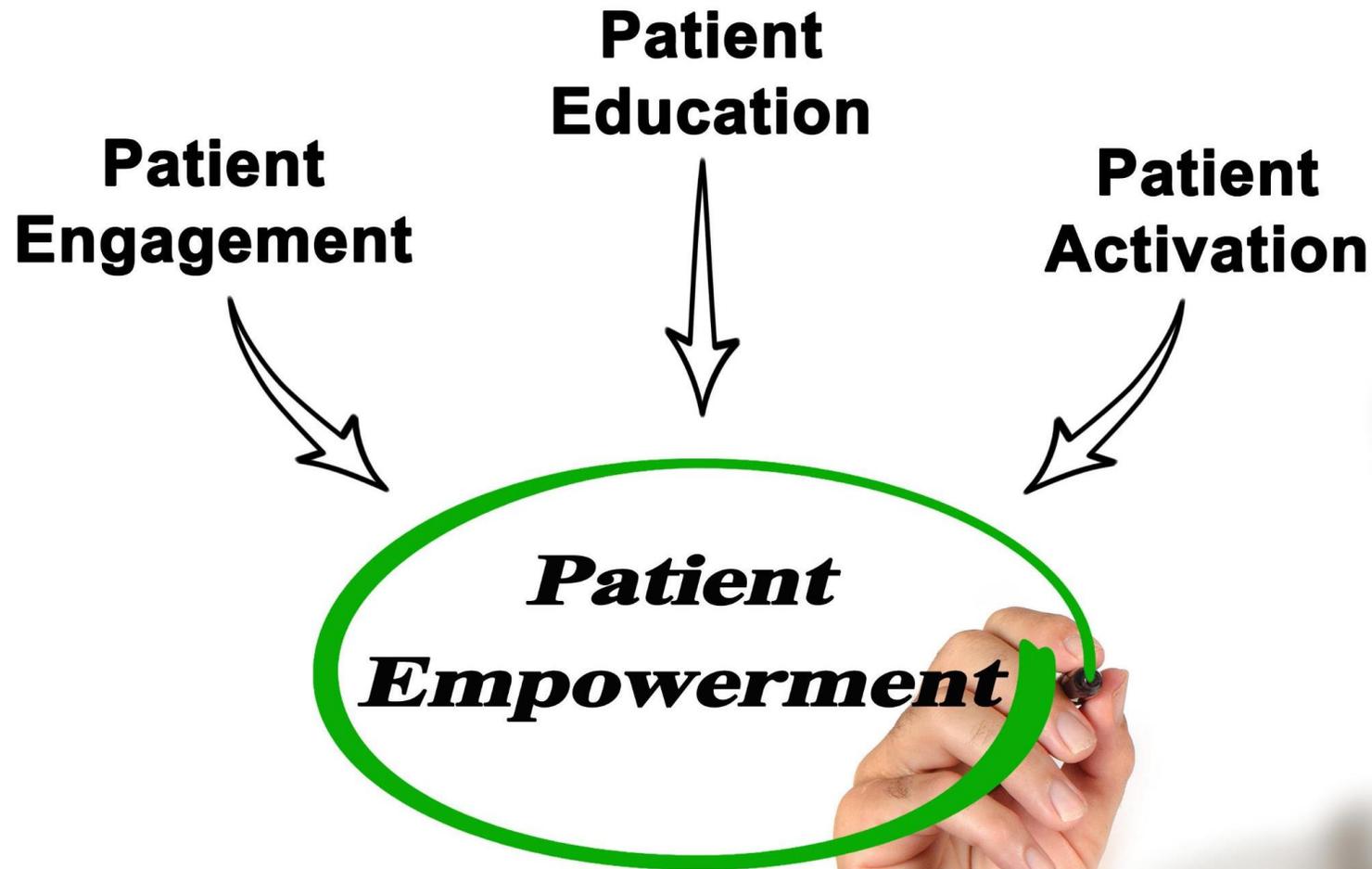
Methodical Collection of Accurate Health Data

Virtual Healthcare Eco-system

Multi-media Electronic Medical Records



Documents – Images – Audios - Videos
Digital Radiology – Clinical Findings Archives

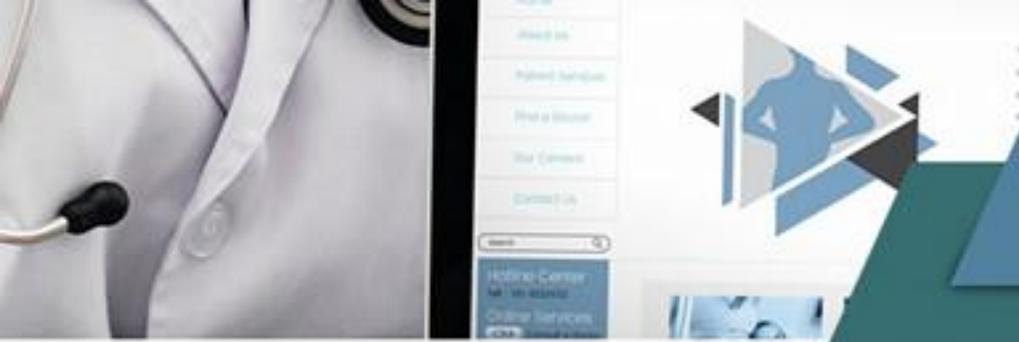


Virtual Healthcare Eco-system
Patient Education & Empowerment



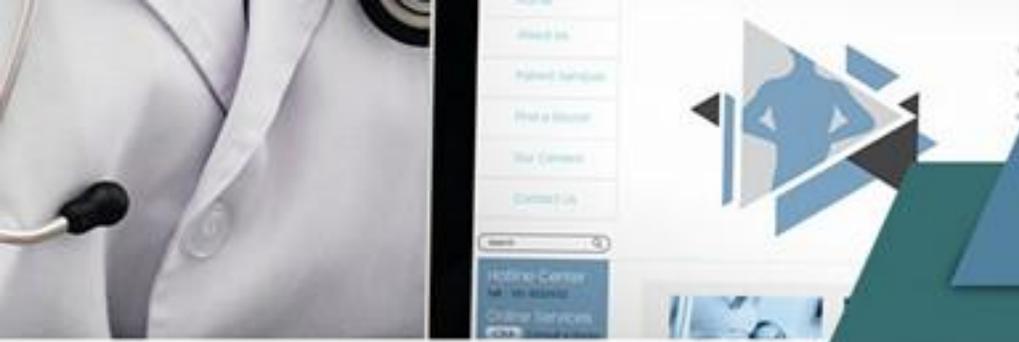
Clinical Telemedicine based Healthcare

THE IMPACT



Patient Care Standards

- Patient Satisfaction improved due to quick and easy access of a Healthcare provider
- Social Burden lowered on the Patient
- Economical and Cost-effective
- No Disease transmission risk on Virtual Consultation
- Patient Empowerment as have access to EMR



Benefits to Care Provider

- Better organization of time with improved quality of life as more time available for family
- Domain of practice wider with improved influence and repute as a professional
- No Disease Transmission on Virtual Consultations
- Setting up new Clinics and extending radius of practice needs less effort and time (Higher revenue)



Healthcare Administration

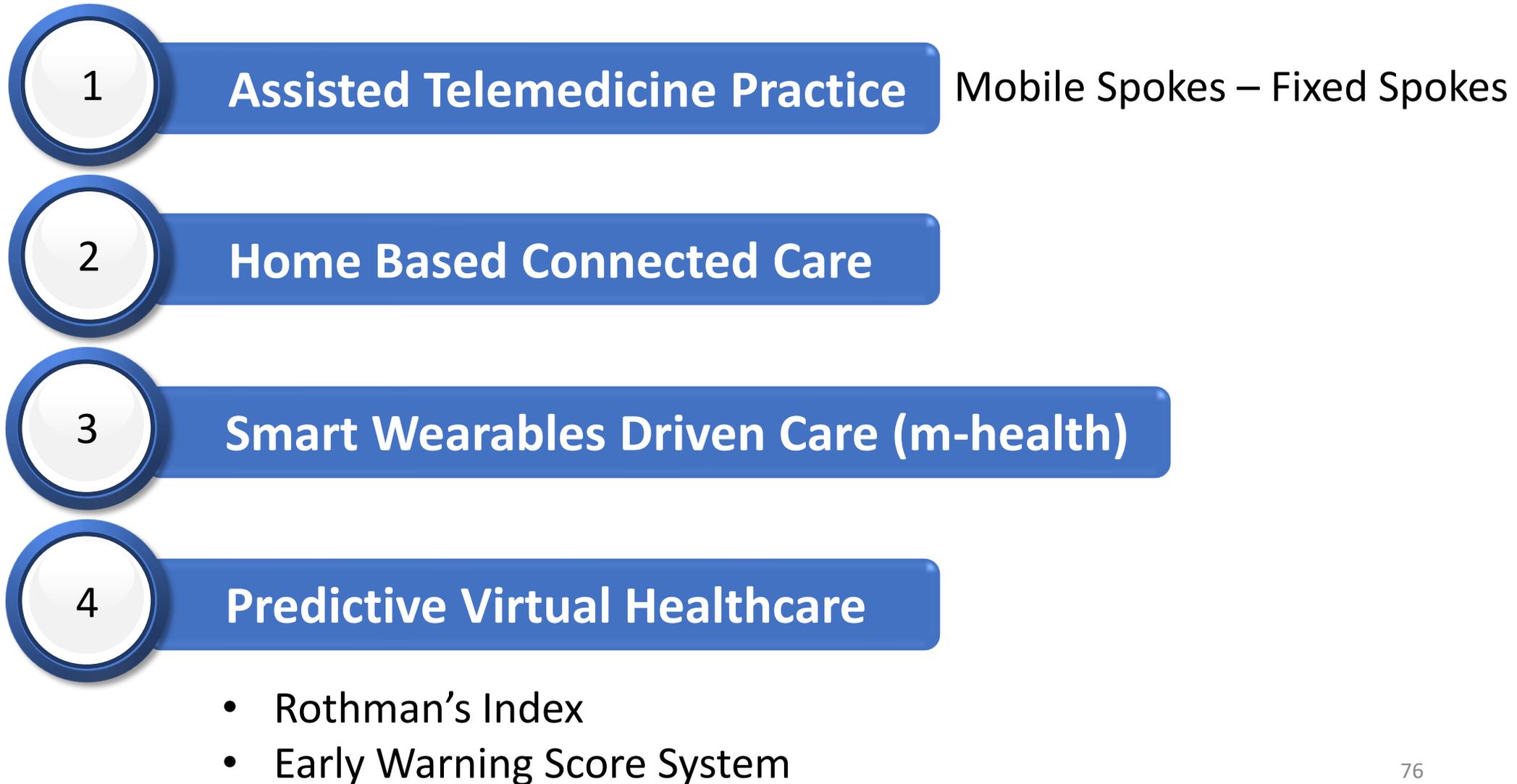
- Cost-to-Serve ratio very low for setting up a new peripheral Virtual Healthcare facility as compared to a Physical Outpatient unit
- Lowering of Disease Burden reduces Healthcare Budget cost per person in the society for the Governments where Healthcare is State-provided
- Clinical Governance and Audits help monitoring
- Disease Surveillance and Pattern Studies manageable in easier way

A doctor in a white coat and stethoscope is holding a tablet. The tablet screen shows a medical interface with a plus sign and some text. The background is a light blue gradient.

Environment

- Less travelling needed – Greener Environment
- Paper requirement reduced due to Electronic Medical Records, Digital Dispatch of Lab Requests, Prescriptions, Referrals etc
- Less space and little construction needed
- Less number of people needed to run a virtual healthcare facility, reducing the crowding due to high staffing levels

Deployment of Clinical Telemedicine System



Mobile Telehealth Clinics

Remote Online Clinics are setup in a high tech Telemedicine vehicle which is live-connected to the Doctors based at a Central Location.



Specialist Clinics

Large 18 foot+ vehicle with 22 Specialty Clinics

A junior GP in the Van connects patients to the Online Specialists



GP Clinics

A small van/pickup for Online Primary Care

A Paramedic in the car connects patients to the Online GPs



Fixed Telehealth Clinics

Remote Online Clinics are setup using high tech diagnostic Telemedicine tools, at fixed spots away from cities and is live-connected to the Doctors based at a Central Location.



Specialist Clinics
Tele-diagnostic Tools merged with Clinical Telemedicine Software. Local GP connects patients to Online Specialists



GP Clinics
Tele-diagnostic Tools merged with Clinical Telemedicine Software. Local Paramedic connects patients to Online GPs



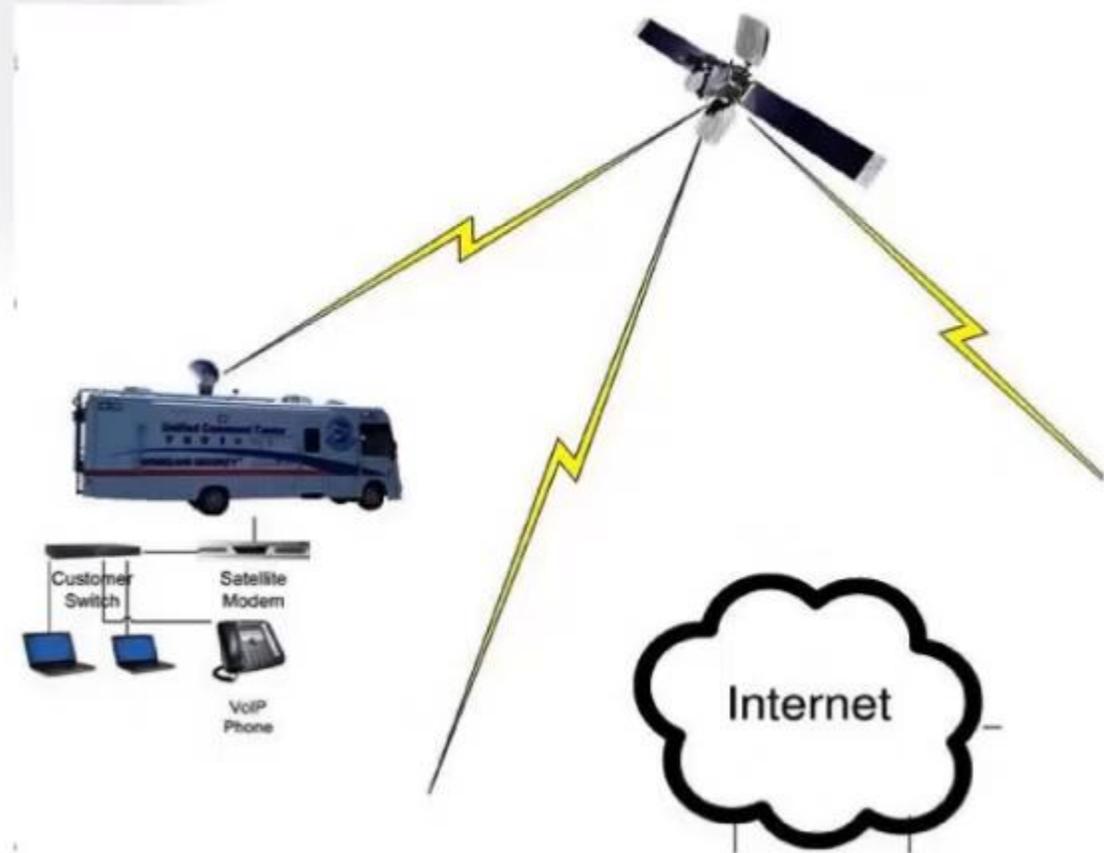
Online Specialist Outreach Clinics via Telemedicine Van

Polyclinic on Wheels – with option of Satellite Internet *if needed*

Telemedicine Polyclinic Van with self-contained Satellite Internet



Telemedicine Van connected in real-time to the Specialist Doctor's Hub at the required 2 Mb/sec upload speed.



Satellite internet's greatest strength is its reach, not its speed, but the speeds are still respectable being faster than 4G broadband Internet.

Telecare at Home

Specialized Portable Telemedicine Kit for Home Care which is live-connected to the Doctors based at a Central Location.



Tele-doctor On call

Portable Telemedicine Kit by a Paramedic who visits a patient's home to connect to an Online GP or Specialist



Auto Tele-care

Portable Telemedicine Devices left with the patient are used to monitor patients' vital signs at home



Invite Colleague
 Invite Interpreter

View Patient Forms

View Patient's file

- Upload Medical Records
- Medical Letters
- Medical Records
- Lab Reports
- Radiology Images
- Misc Images
- Videos
- Vital Signs

Video Examination

- Waiting Room
- Stop Video
- Change Audio & Video Source

Doctor's input

- Onward Referral
- Follow up Apptt



05:50

Logout
 End Consultation

Start Screen Share
 Capture Screen & Save

Patient Education

Outpatient File

Track 6 Health Vitals



Heart Rate



Body Temperature



Oximetry



Blood Glucose



Blood Pressure



ECG/EKG



OXIMETRY



BODY TEMPERATURE



LUNG FUNCTIONS



BLOOD PRESSURE



HEART RATE



ECG/EKG



- Invite Family Member
- + Add New Video
- Centralize New Video
- ✖ Close New Video
- Change Audio & Video Source
- Capture Health Monitor
- Stop Video

Health Monitor

Patient to SUBMIT only.

Detect Device

Blood sugar test strip selection : **TEST TEST**

Detect Interface

Temperature: **36.4** Blood Sugar:

Check Oxygen %

Instruction:

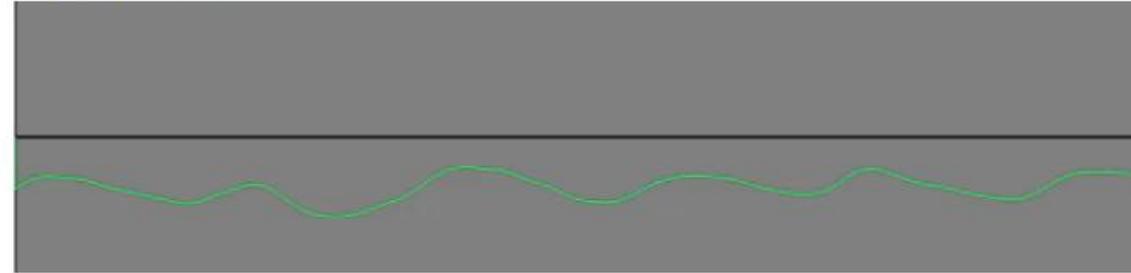
Stop Oxygen %

Systolic: **141** Diastolic: **95** Heart rate: **75**

Check Temp

SPO2: **89** HR: **32**

Start ECG



Stop ECG

Check BP

ECG: RR: 3038 R-R: 1257 HR: 47 HRV: 1063 SDNN: 1337 RMSSD: 2327 SDNN_index: 1146 STD: 1337 MEAN: 1257

Stop BP Check

Check BG



Stop BG Check



Invite Family Member

+ Add New Video

Centralize New Video

✖ Close New Video

Change Audio & Video Source

Capture Health Monitor

Stop Video

Health Monitor

Patient to SUBMIT only.

Detect Device

Blood sugar test strip selection : **TEST TEST**

Detect Interface

Temperature: **36.4** Blood Sugar:

Check Oxygen %

Instruction:

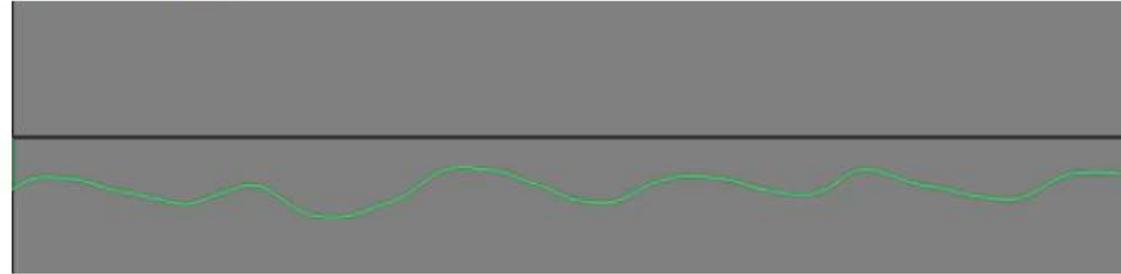
Stop Oxygen %

Systolic: Diastolic: Heart rate:

Check Temp

SPO2: **89** HR: **32**

Start ECG



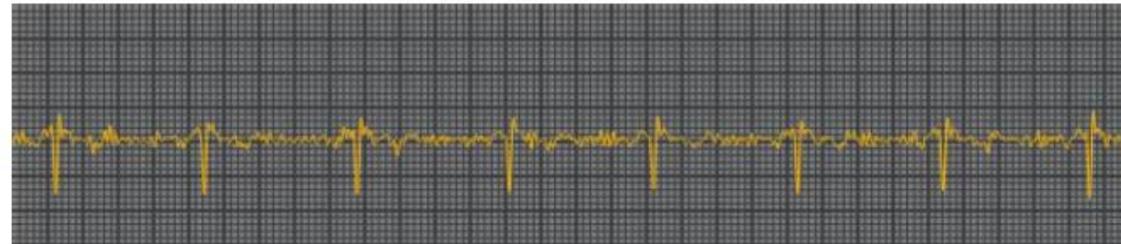
Stop ECG

Check BP

ECG: RR: 3038 R-R: 1257 HR: 47 HRV: 1063 SDNN: 1337 RMSSD: 2327 SDNN_index: 1146 STD: 1337 MEAN: 1257

Stop BP Check

Check BG



Stop BG Check



- Invite Family Member
- + Add New Video
- Centralize New Video
- ✖ Close New Video
- Change Audio & Video Source
- Capture Health Monitor
- Stop Video

Health Monitor

Patient to SUBMIT only.

Detect Device

Blood sugar test strip selection : **TEST TEST**

Detect Interface

Temperature: **36.4** Blood Sugar:

Check Oxygen %

Instruction:

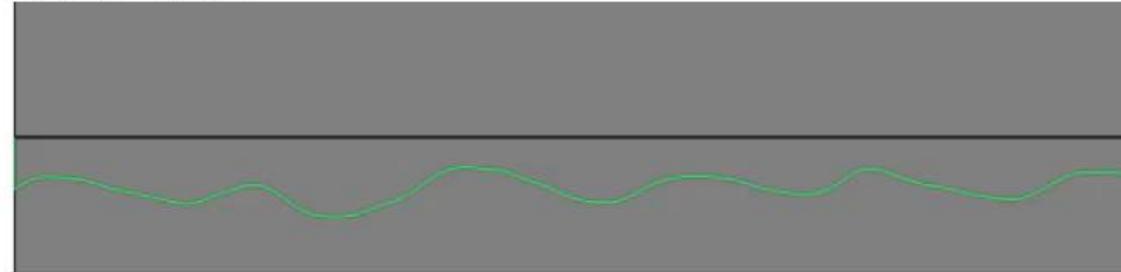
Stop Oxygen %

Systolic: Diastolic: Heart rate:

Check Temp

SPO2: **89** HR: **32**

Start ECG



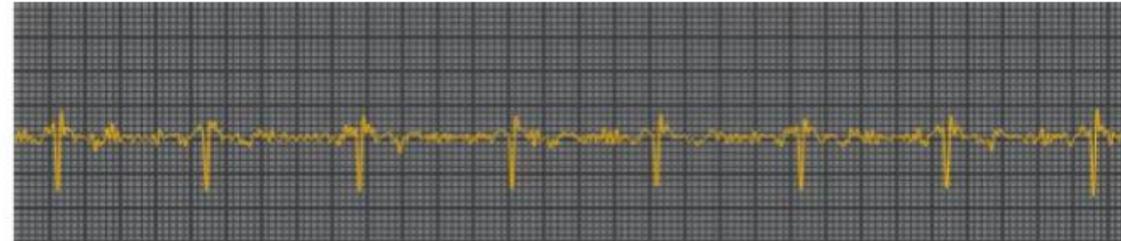
Stop ECG

Check BP

ECG: RR: 3038 R-R: 1257 HR: 47 HRV: 1063 SDNN: 1337 RMSSD: 2327 SDNN_index: 1146 STD: 1337 MEAN: 1257

Stop BP Check

Check BG



Stop BG Check



- Invite Family Member
- + Add New Video
- Centralize New Video
- * Close New Video
- Change Audio & Video Source
- Capture Health Monitor
- Stop Video

Health Monitor

Patient to SUBMIT only.

Blood sugar test strip selection : **TEST TEST**

Temperature: Blood Sugar:

Instruction:

Systolic: Diastolic: Heart rate:

SPO2: **100** HR: **35**

ECG: RR: R-R: HR: HRV: SDNN: RMSSD: SDNN_index: STD:
MEAN:



Invite Family Member

+ Add New Video

Centralize New Video

✖ Close New Video

Change Audio & Video Source

Capture Health Monitor

Stop Video

Health Monitor

Patient to SUBMIT only.

Detect Device

Blood sugar test strip selection : **TEST TEST**

Detect Interface

Temperature: **36.4** Blood Sugar:

Check Oxygen %

Instruction:

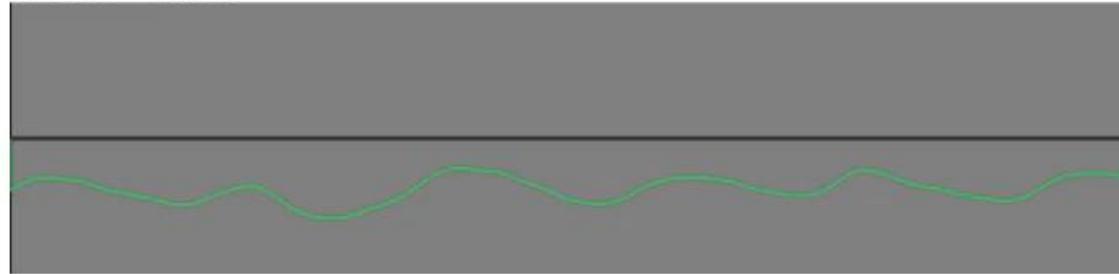
Stop Oxygen %

Systolic: Diastolic: Heart rate:

Check Temp

SPO2: **89** HR: **32**

Start ECG



Stop ECG

Check BP

ECG: RR: R-R: HR: HRV: SDNN: RMSSD: SDNN_index: STD:
MEAN:

Stop BP Check

Check BG



Health Check - 02-11-2022 06:56

- Invite Family Member
- + Add New Video
- Centralize New Video
- * Close New Video
- Change Audio & Video Source
- Capture Health Monitor
- Stop Video

Detect Device

Blood sugar test strip selection : **Patient 002 - 02-11-2022 at 11:56 PM PST**

Detect Interface

Temperature: **36.4** Blood Sugar:

Check Oxygen %

Instruction: **Please drop the blood sample into the test paper.**

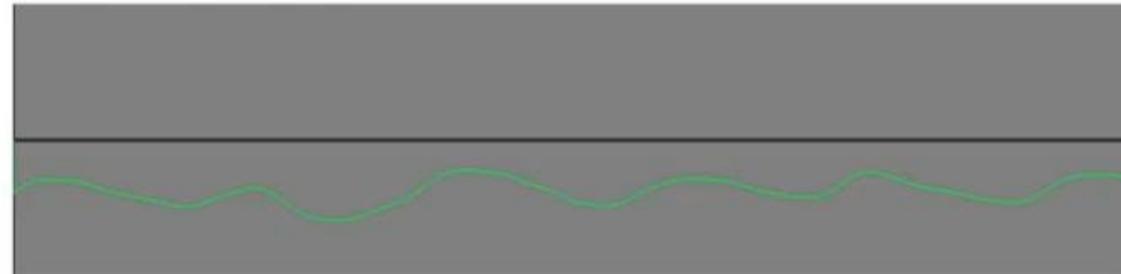
Stop Oxygen %

Systolic: **141** Diastolic: **95** Heart rate: **75**

Check Temp

SPO2: **89** HR: **32**

Start ECG



Stop ECG

Check BP

ECG: RR: 3038 R-R: 1257 HR: 47 HRV: 1063 SDNN: 1337 RMSSD: 2327
SDNN_index: 1146 STD: 1337 MEAN: 1257

Stop BP Check

Check BG



Stop BG Check



- Invite Family Member
- + Add New Video
- Centralize New Video
- ✖ Close New Video
- Change Audio & Video Source
- Capture Health Monitor
- Stop Video

Health Monitor

Patient to SUBMIT only.

Detect Device

Blood sugar test strip selection : **TEST TEST**

Detect Interface

Temperature: Blood Sugar:

Check Oxygen %

Instruction:

Systolic: Diastolic: Heart rate:

Stop Oxygen %

SPO2: HR:

Check Temp

Start ECG

Stop ECG

Check BP

ECG: RR: R-R: HR: HRV: SDNN: RMSSD: SDNN_index: STD:
MEAN:

Stop BP Check

Check BG



- Invite Family Member
- + Add New Video
- Centralize New Video
- ✖ Close New Video
- Change Audio & Video Source
- Capture Health Monitor
- Stop Video

Health Monitor Patient to SUBMIT only.

Detect Device

Detect Interface

Check Oxygen %

Stop Oxygen %

Check Temp

Start ECG

Stop ECG

Check BP

Stop BP Check

Check BG

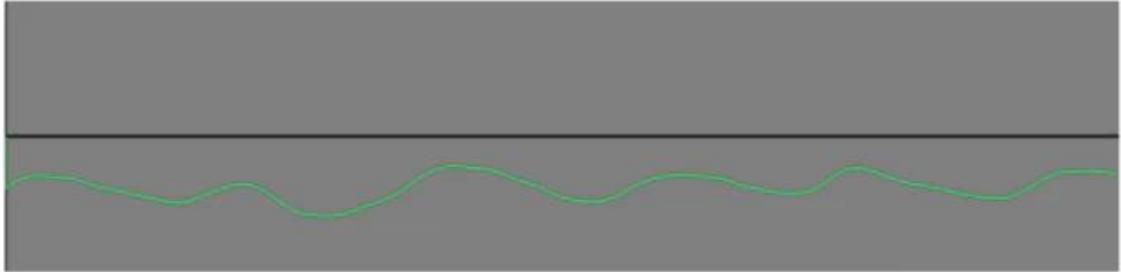
Blood sugar test strip selection : C00 ▾ **TEST TEST**

Temperature: **36.4** Blood Sugar:

Instruction:

Systolic: Diastolic: Heart rate:

SPO2: **89** HR: **32**



ECG: RR: R-R: HR: HRV: SDNN: RMSSD: SDNN_index: STD:
MEAN:



Remote Disease Management

Clinical Telemedicine vs Video Consultations



Dr Suhail Chughtai FRCS

Orthopaedic Surgeon, Harley Street, London
Microsoft Certified Specialist & Telehealth Strategist/Innovator
Fellow in Clinical Telemedicine

Thank you

