

# EPISODE # 5

## IMPROVING PATIENT CARE USING AI BASED VIRTUAL

### MEDICAL ASSISTANTS'

DR. HIMANSHU GUPTA'

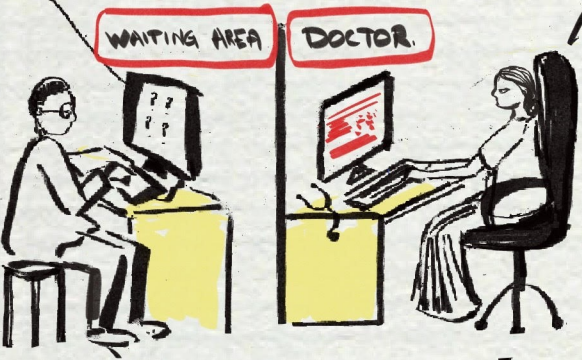
#### ① INTERACTIVE AI ASSISTANT

GATHERS INPUTS, HISTORY, COMPLAINTS FROM PATIENTS (IN A FAMILIAR LANGUAGE)

DOCTOR RECEIVES INFORMATION BEFOREHAND

- SAVES TIME (RELEVANT IN PANDEMIC TIMES)
- SPEEDS DIAGNOSIS
- FAMILIARIZES PATIENT WITH THE NATURE OF QUESTIONS THE DOCTOR MAY ASK.

PULSARA is a start up that simplifies critical communication during emergency care.



#### ② ELECTRONIC HEALTH RECORDS

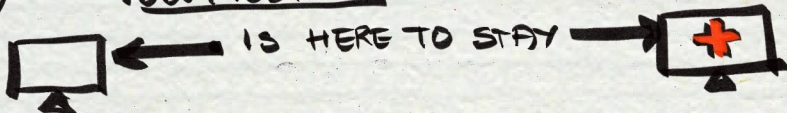
IN INDIA THERE IS NO STANDARDISED, PORTABLE DIGITAL RECORD OF A PATIENT'S MEDICAL HISTORY. SOME HOSPITALS



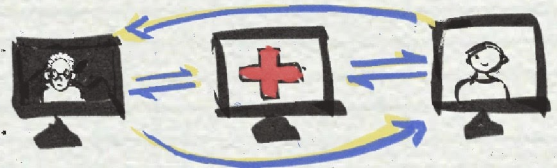
RECORDS ARE NOT SHARED.

DURING EMERGENCIES CRITICAL PATIENT INFO IS UNAVAILABLE

#### ③ TELEMEDICINE



- FOR FOLLOW UPS
- REMOTE PATIENTS
- ELDER CARE



#### ROLE OF A.I

- INTERACTIVE VIRTUAL MEDICAL ASSISTANT / CHAT BOT THAT CAN GATHER RELEVANT PATIENT DATA.
- ADD/ RETRIEVE PORTABLE, STANDARDIZED, ACCESSIBLE PATIENT E-HEALTH RECORDS.
- BUILDING ENHANCED CAPABILITIES FOR TELE-HEALTH

