

# ELECTRONIC HEALTH S RECORD

FHIR Ready





## **EHR Application Workflow**





## **Patient Registration**

Patient Particulars			
Patient Name * :			
DOB: * :			
Relation * :	○ Father	⊖Husband	⊖Gua
Religion :	Select		
Education :	Select		
Blood group * :	Select		
Ration Card :			
Annual Income :	Select		
Email :			

- Register a patient
- We can Add , Edit and delete patients information (Role based access)
- Create a unique identification number as per your requirement
- We can also Integrate ABDM ABHA creation





ation ( Role based access ) your requirement



## **Patient Admission Page**

SHOBANA SRIDHAR   F   -78	
Treating / Admission Department * :	Select
Date of admission * :	13-Feb-2023
Category * :	Select
Floor No * :	Select
Room No * :	Select
MLC:	⊖ Yes

- Admit in patients
- Assign a floor, ward, room, bed for patients
- We can add , edit and delete Patients admission (Role based access)
- We can also Create a unique in patient identification number as per your requirement



based access ) mber as per your requirement



## **Initial Assessment**

Vital Parameters		
Primary Assessment Airway*		
Airway Patency	O Patent O Not Patent	
Breathing*		
Respiratory Rate	O Write No /min	O Not Palpable (NP)
Respiration Type	Select Here	
Spo2 % On Room Air	Write No %[0 -100%]	Select Here 🗸
Circulation*		
HR/Pulse Rate	O Write No /BPM	OAbsent

- Patient's Initial assessment is recorded here
- We can Add , Edit and delete Patients Initial assessment (Role based access)
- Includes chief complaint, history of primary illness, past medical and surgical History, family history, past history allergies, covid vaccine history, drug history, educational and social history, Psychological Status, Functional Status, General Physical Examination, Vital Parameters, Working/Provisional Diagnosis, (Ix) Investigations, Px (Prognosis), Pertinent Clinical Finding, Consents Form
- Fields can be customised







## **Progress Notes**

x (Diagnosis)		
S.No	Diagnosis	
(Investigations)		
S.No	Investigations	

- Patient's Progress recorded here
- We can Add , Edit and delete Patients Progress Notes (Role based access)
- Includes chief complaint, history of primary illness, Vital Parameters, Working/Provisional Diagnosis, (Ix) Investigations, Px (Prognosis), Medication (Rx)and Referral
- Handover to next duty doctor
- Fields can be customised



## **Pharmacy**

Pre	ABDUR M   M   V0016361   202212151512 GROUND FLOOR   WARD10   ROOM1   BED14										
#	Doctor	Form	Drug Name	Dosage	Regimen	Days	Quantity	Quantity Given	Dispense	Status	
1	madhan kumar	Capsule	Amphotericin B a) Amphotericin B (conventional) b) Lipid Amphotericin B c) Liposomal Amphotericin B	54 undefined	Once a week	4 Months	120	120		Delivered	*
2	madhan kumar	Capsule	Actinomycin D	5 dose	1-0-1	2 Months	120	78		Partial Delivered	~
3	madhan kumar	Syrup	5-Fluorouracil	5 ml	5days/week	1 Year	1825	1825		Delivered	~
			S	ubmit							

- View medication prescribed by doctors
- Dispense Medication to patient
- Update delivery status





## **Nurse Station Primary Care**

Spo2(%)	
	0
RBS/ sugars(mg/dl.)	
	0
Insulin (in IU)	
	0

- Patient's Progress recorded here
- Primary care which includes Heart rate, Systemic Blood pressure, IV access (Peripheral line/CVPline/Arterial-line), Respiratory Rate, Peripheral Pulse, Spo2(%), RBS/ sugars(mg/dl.), Insulin, Temperature, Mode of Ventilation, Tidal volume, Fio2 (21% - 100%), Peep, Airway Pressure, Rate Of Respiration, Intake Output, Hand Over Notes, Completed Tasks, Handover checklist, Medication to be administered to patient, Special Instructions
- Fields can be customised







## **Nurse Station Secondary Care**

Blood transfusion	
O Yes O No	
Remarks if any :	
Accessories	
ET-Size :	Select
CVP-Line :	O Established O Not done
Site :	Select

- Patient's Progress recorded here
- Secondary care which includes Blood transfusion, Peripheral Line Observation Chart, DVT-Risk Assessment Chart, Detailed Pain Assessment, Restrain Assessment, Braden Risk Assessment Scale for bed scores, Ventilated Patient Activity Chart, Pressure Ulcer Assessment, Instruction Ordered by Doctor, Pain Assessment, Bio-Medical Equipment check list, Investigation Check List, Hand Wash/Hand Rub Chart, Aldrete Score, Phlebitis Score, Modified Early Warning System(MEWS) Score
- Fields can be customised









## Laboratory

#### Prescribed tests

#### Tests: 0 Biocryst -Day 10

Test Prescribed By: madhan kumar S

Report Generated

Observation:		
		11
Status:	Report Generated	$ $ $\sim$
Upload document	₾	

Sample Initialized

#### Documents:

File name	Size	Actions
1671704171503.png	7.64 KB	0
Screenshot (1).png	199.63 KB	0

Close

Sample Proccessed



• Receive lab test from doctor

• Update status of reports



## **Discharge Summary**

## **1.Registration Details**

Treating/ Admission
Ward name/numb
Treating Doctors/
MLC: yes/Lorem i
Date of discharge

## Diagnosis

- 1 Bilateral Pneumonia with effusion
- 2 Acute on CKD
- 3 Hypertension
- 4 Moderate AR, Severe MR

## Summary

Admission diagnosis : orem ipsum dolor sit amet, consectet Most Responsible Diagnosis (MRDx) : Diagnosis/ICD Code Past medical illness : Diseases name, Duration, Days

- Discharge summary includes patient details, Investigation, Discharge Medication, Follow up, summary, and Referral
- Fields can be customised



ion Department : Lorem ipsum dolor sit amet,

ber:2

consultants : Dr. Akash

ipsum dolor sit amet, consectetur

: 25/10/2022

# CLUSTREX **ELECTRONIC HEALTH RECORD**

## **FEATURES**

- Patient Registration
- Appointment
- Admission
- Initial Assessment
- Patient Progress Notes
- Doctor Management
- Nurse Station Management
- Discharge Summary
- Pharmacy Order Management
- Laboratory Report Management
- FHIR / HL7 Integration
- ABDM ABHA Number Creation









## Electronic Health Record Software

