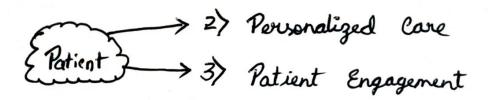
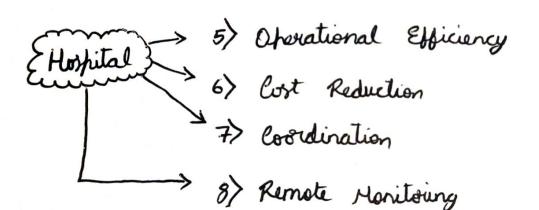
1) a> Importance of Healthcare DATA

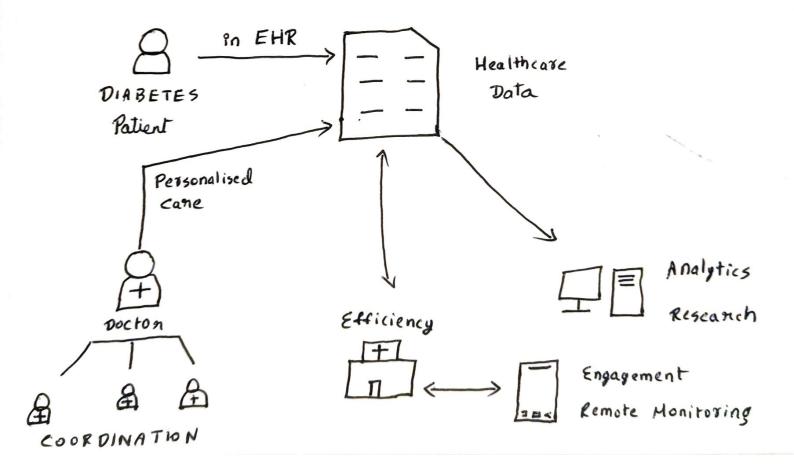
1) EVIDENCE-based Decision Making



E Population 3 4> Public Health Monitoring



{Research} -> 97 Predictive Analytics > 10> Research (and Continuous Improvement)



TIME SERIES Data Histopathology Histopathology Multi Omics QPT-M Records Time SERIES Data Liminal Notes Modical Liminal Notes Multi Omics QPT-M Clinical Notes Modical Addition Addit

--- EPIDEMIOLOGICAL DATA ---

(Renovet Cond Portugue Informat)

2) a) Programs, Organization, Career in HI

right in promit

* Confliction II organishmen

* Policyte Fights & Consent

* ANI > 3k

* bookent Response & Refolung

II) ORGANIZATION

III CAREER

2> b> Fundamental principles of Security & Primary

DU

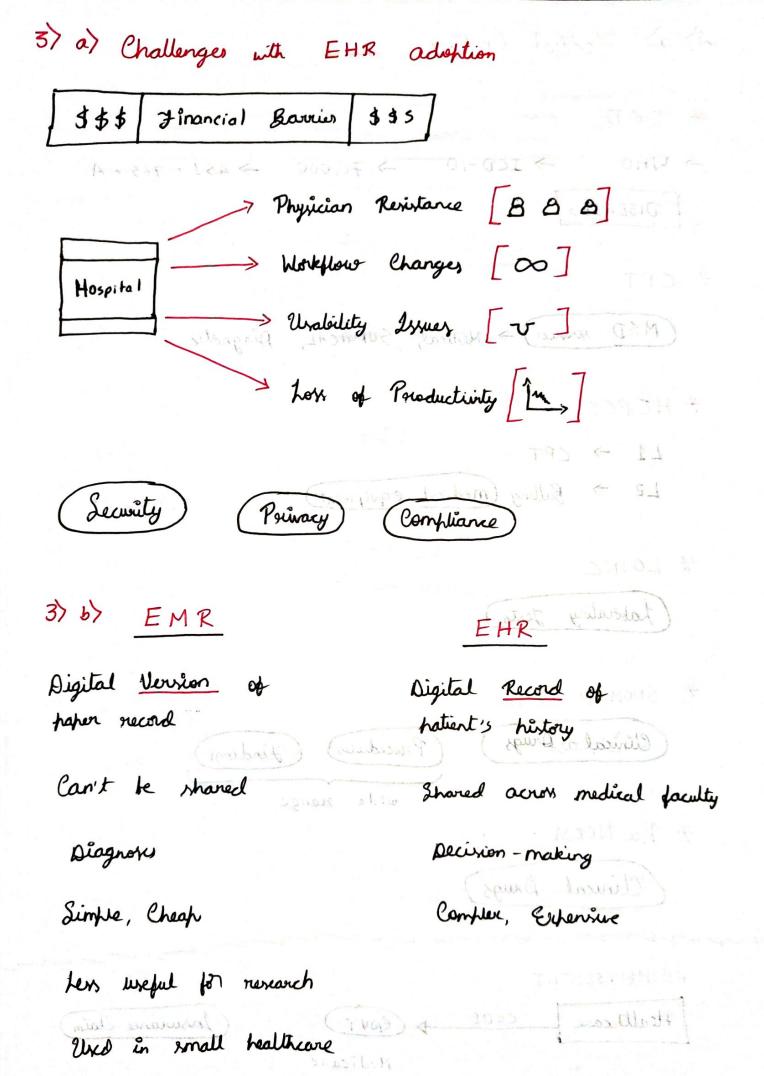
- * Confidentiality
- * Integrity
- * A vailability
- * Authentication
- * Authorization

WTAS WALSO (II

- * Porinary by design
- * Compliance with regulation
- * Patients Rights & Consent

JE - INA X

* Incident Response & Reporting



244 MT

4) a) Medical Coding

ICD

> WHO

المه الملكة والماجي

→ ICD-10 → 70,000 → 451 · 765 · A

Ist. geoff

TEEL manner transmit 133

DISEASES &

* CPT

revoices) -> Medical SURGICAL, Diagnostic MSD

* HTPCS In which and in wat

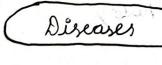
L1 → CPT

L2 > Billing (medical equipment)

* LOINC

Laboratory Jests

* SNOMED - CT



Procedures)

(Findings

wide nange

* Rx NORM

Clinical Drugs

should could indust family

REIMBURSEMENT

Healthcare CODE D CLOVT

Insurance Clair

Piotal Version of

hapen neces

ed to

Director !

facts stome

Nedicane Medicaid PM AYS

4) b) Importance of Standards

Data Accuracy

) remarks !

Uniform Depo

Ever Reduction

Better Clinical Decision

51101

30

50

TE

te the Huckie

7. Interoperability

Data Shaving

Integration (with EHR)

HIE mingiff

Consistent Data for -> Research

→ BDA

-> AIHL

Unit But code & Fills

 $5\rangle a\rangle = 3\rangle a\rangle$

 $5\rangle b\rangle = 2\rangle b\rangle$

6) b) = 2) a>

| 6) a) HI modules to streamline powers | ists for 1 |
|------------------------------------------------------------|--------------------|
| Electronic quanymission EHR Forand Detection & Prevention | E Cooling BILLING |
| Lower Joseph Analysis (SHE Alex) goldengold | Innepolation . |
| Physician Protiting | Conversed |
| IIIII BOY COde & RFID | |
| G Hele Medicine | = (a/a) |

7) a> 091g

| IOM | AAMC | → > | Academic | Osig |
|----------|------|------------|----------|------|
| B to E] | _ | \ | Pub-Paiv | |

$$7 \rangle b \rangle \lim_{a \to a} = 3 \rangle a \rangle$$

$$8 \rangle a \rangle = 2 \rangle b \rangle$$

$$8 \rangle b \rangle$$

