



HOSPITAL STANDARDS OF PRACTICE

Part 3

Summer 2022

Electronic Medical Records

- EMR is a digital version of a paper chart that contains all of a patient's medical history from one practice.
- **An EMR is more beneficial than paper records because it allows providers to:**
 - a) Track data over time.
 - b) Identify patients who are due for preventive visits and screenings.
 - c) Monitor how patients measure up to certain parameters, such as vaccinations and blood pressure readings.
 - d) Improve overall quality of care in a practice.



Lula Belle Test165

69 Years Old Female (DOB: 07/01/1943)

Patient ID: 189-0430004

Home: 517-555-5555 Work: None
Insurance: Medicare (00015) Group:

Find Pt.

Protocols

Graph

Handouts

Summary

History

Problems

Medications

Alerts/Flags

Flowsheet

Orders

Documents

Problems

HYPERLIPIDEMIA

~~HYPERTENSION~~

DIABETES MELLITUS, TYPE II, CONTROLLED

CAD

Medications

ASPIRIN LOW DOSE 81 MG TABS (ASPIRIN) Take one tab

CALCIUM + D 600-200 MG-UNIT TABS (CALCIUM CARBO

HYDROCHLOROTHIAZIDE 12.5 MG CAPS (HYDROCHLOI

LIPITOR 10 MG TABS (ATORVASTATIN CALCIUM) Take o

~~METOPROLOL SUCCINATE 25 MG TABS (METOPROLOL~~

TRICOR 48 MG TABS (FENOFIBRATE) Take 1 tablet by mo

Alerts/Flags

Drug interactions

Directives

DO NOT RESUSCITATE

NO ARTIFICIAL LIFE SUPPORT

Care Alerts

Registration Notes

Flowsheet: [All]

	Date	Value
CHIEF CMPLNT		
COLONNXTDUE		
MAMMOGRAM		
NKMED		
NKPROB		
SMOK HX TOTA		
SMOK STATUS		
SMOK YR Q		

Documents:All

Date ▾	Summary	Status
08/01/2012	Clin Updt: Clinical List	On Hold

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AVICENNA

- It connects all governmental hospitals in the West Bank
- The type of format is the Problem-oriented record (POR):
 - ❖ A database of standardized information on a patient's history, physical examination, mental status, and so forth; (b) a list of the patient's problems, drawn from the database; (c) a treatment plan for each problem; and (d) progress notes



Clear all

Survey

Form Entry

Discharge

Order

Notes

Order follow up

Pl. Med. Records

Reports

Blood Product

Diet

Evaluations

Vital Signs

Initial Assessment

Visit

Prescription

Temporary Discharge

Transfer

Baby Information

Fluid Information

Undo Discharge

REFRESH

According physical location...

Based on Science Branch

According to follower clinic...

Q-

Patient Info.

Visit Information

Patient No

Name(A)/Name(E)

National Id

Phone

Age: 23y 2m 1d

Gender: Male

Blood Group: O Rh (+)

Admission No: 30231037

Visit Sequence: 30

Er Status: Non Emergency Case

Visit Date: 23.05.2022

Visit Physician:

Sponsor: غير مؤمن / Not Insured Patient Agreement / غير مؤمن

Ref. Ph.

Location Info.

Diagnose Information

Companion Info

Operations

Nursing Station

Order No

Adm.Type

Privacy

Date

Complaint

Chief Physician

Assistant Physician

Followed Clinic

قسم الجراحة (جناح أبناء رام الله)

1634983

24/05/2022 00:04

قسم الجراحة (جناح أبناء رام الله)

Room

Blood Gr.

Priority

Status

Est. Dur. of Staying

Room-304

O Rh (+)

Open

Bed

Physician

Isolation Code

Treatment

Science Branch

Note

Respiration

Approx. Discharge D.

Room-304-1

راند بسام الحج

Urology

ICD 10Diagnosis

Search with code

Pre-Diagnosis

Add

Delete

Code	Description	Diagnose Type	Date	Physician	User	Facility
R52.0	Acute pain	Pre-Diagnosis	24.05.2022		جيني جواربة	PMC (Palestine Medical Complex)

Onco

Oncology

Procedure

Complaints

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Avicenna 2.0 IPM002 : Inpatient Follow-up (Doctor) x

Clear all

Survey

Form Entry

Discharge

Order

Notes

Order follow up

Pl. Med. Records

Reports

Blood Product

Diet

Evaluations

Vital Signs

Initial Assessment

Visit

Prescription

Temporary Discharge

Transfer

Deby Information

Fluid Information

REFRESH

According physical location...

Based on Science branch

According to fellower clinic...

Patient Info.

Visit Information

Patient No

Name(A),Name(E)

National Id

Age 53y 9m 9d

Gender Female

Phone

Blood Group B Rh (+)

Admission No 10093202

Visit Sequence 86

Er Status Non Emergency Case

Visit Date 12.05.2022

Visit Physician

Admission Place قسم العناية المكثفة (جنح أبناء رام الله)

Sponsor Social (شؤون اجتماعية) / مرضى السرطان

Utilization Info.

Bed Room-316-1

Physician بشار أحمد وشاد النجار

Isolation Code

Treatment

Science Branch General Surgery

Note

Respiration

Approx. Discharge D.

Chief Physician

Assistant Physician

Followed Clinic

Diagnose Inform

ICD 10Diagnosis

Search with code

K80.0

R52.0

PATIENT MEDICAL REGISTRY

PATIENT ADMINISTRATIVE REGISTRY

SURVEY

Used Drugs

Food Allergies

Drug Allergies

Past Medical History

Complications

Malignant

Cher

Malignant

Symptom Date

Name

Note

Type

Alarm types

16/10/2016

CA, OVARY

Alarm

Physician

User

Facility

احمد نعيم قواريق

احمد نعيم قواريق

PNC (Palestine Medical Comple

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Restricted Antibiotics & Stewardship

Restricted Antibiotic Form		
The Doctor must fill the following form when he wants to start antibiotic from the restricted list, in order to be supplied by the pharmacy.		
Ward : 08/10/1993	Date: 24/05/2022	Pt. No. [REDACTED]
Name : [REDACTED]	Age : 28y 7m 16d	Weight : [REDACTED]
Allergies : [REDACTED]		
Other Diseases : [REDACTED]	Serum Cr : [REDACTED]	
Diagnosis : [REDACTED]		
If no it is empirical treatment : ☐ Yes ☐ No		
Confirmed by a culture : ☐ Yes ☐ No		
Culture is Done : ☐ Yes ☐ No		
met the guidelines : ☐ Yes ☐ No		
Antibiotic chosen from the Restricted list		
☐ Amikacin		
☐ Colistin *(only after culture)		
☐ Cftazidime		
☐ Meropenem		
☐ Teicoplanin		
☐ Vancomycin		
☐ Fluconazole IV		
☐ Piperacillin + Tazobactam		
☐ Ciprofloxacin		
Expected Duration of the treatment :		
☐ 3 - 5 days ☐ 5 - 7 days ☐ more than 7 days		
Dose : [REDACTED]		
Frequency : [REDACTED]		



Restricted Antibiotics & Stewardship

- It is estimated that as many as ten million people could die each year as a result of antimicrobial resistance
- Antimicrobial stewardship is a coordinated program that promotes the appropriate use of antimicrobials (including antibiotics), improves patient outcomes, reduces microbial resistance, and decreases the spread of infections caused by multidrug-resistant organisms.
- Stewardship interventions are listed in three categories below:
 - **broad**, Antibiotic “Time outs
 - **pharmacy-driven**; (dose adjustment)
 - **infection and syndrome specific**. (asymptomatic bacteriuria)



DRUG INFORMATION SERVICE

You should use your professional expertise and judgment in processing drug information requests:

- a) obtaining the necessary background information, so that the request is received in a complete and understandable form.
- b) interpreting the drug information request.
- c) systematically and thoroughly conducting a literature search.
- d) evaluating the literature in an accurate, unbiased manner.
- e) formulating a relevant, coherent and informative response.
- f) communicating the response in a verbal and/or written form.



DRUG INFORMATION SERVICE e.g.,



○ https://www.youtube.com/watch?v=Js0a_d6lRVU



SCIENTIFIC REFERENCES

- Lexi-comp
- Uptodate
- Trissell's compatability
- Scientific literature/Articles
- Globalrph (<https://globalrph.com/>)
- Guidelines (AHA, ADA, AASLD, GOLD)
- Enteric coated tablets I NG tube *
- Package insert
- Manufacturers



LOOK-ALIKE / SOUND-ALIKE MEDICATIONS



LOOK-ALIKE / SOUND-ALIKE MEDICATIONS

- Avoid abbreviations of drug names
- Physically separate them in storage areas
- Print generic and brand names of unit-dose packaging
- Use Tall Man lettering to emphasize differences in medications with sound-alike names (met**FORMIN** and meto**prolol**)
- Use additional warning labels for look-alike medicines. Warning labels should be uniform throughout the respective facility to facilitate identification
- Prescription should clearly specify name of medication, dosage form, dose and complete direction for use.
- Minimize the availability of multiple medicines strengths.



Patient Counseling, You shall provide information to the patient about:

- a) confirmation of identity of the patient.
- b) confirmation of identity of the medication being dispensed.
- c) confirmation of prescribed dosage regimen.
- d) importance of compliance and what to do if a dose is missed.
- e) special storage requirements.
- f) prescription refill information.
- g) instruction required to achieve the intended therapeutic response which may include:
 - i) information regarding significant drug - drug (including non-prescription medication) and drug - food interactions.
 - ii) activities to avoid.
 - iii) common side effects and what to do if they occur.



Patient Counseling

- Patient medication counseling shall be provided in an atmosphere of confidentiality and privacy.
- The pharmacist is encouraged to provide appropriate written supplemental information with each new prescription.
- Where the prescribed order is for a medical device or some other health care item, the pharmacist must supply complete instruction for proper usage.
- If the patient refuses to participate in patient counseling, the pharmacist should document the refusal in a record.



Patient Counseling

- Persons qualified to provide patient counseling regarding prescription medications:
 - licensed pharmacist,
 - pharmacy student or intern under direct supervision of a licensed pharmacist.
- The pharmacist shall use any reasonable means in counseling patients or agents with language or communication disabilities.
- The pharmacist shall evaluate the patient's understanding of the counseling information provided, through appropriate questioning and/or follow-up.



○ Thank you 😊

