Lab 9: openEMR: Clinical workflow and functions of Clinician tasks

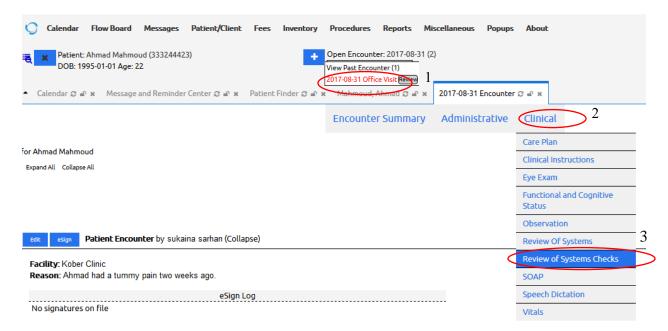
9.1 Learning Objectives:

- to learn typical Clinicians staff tasks and functions a typical EHR system must provide to support them.
- to practice EHR functions to support Clinicians staff roles in a health organisation.

9.2 Practice Clinician role

After **nurse provider** create **patient encounter**, and enter **vital signs**. **Clinician** now start patient observation:

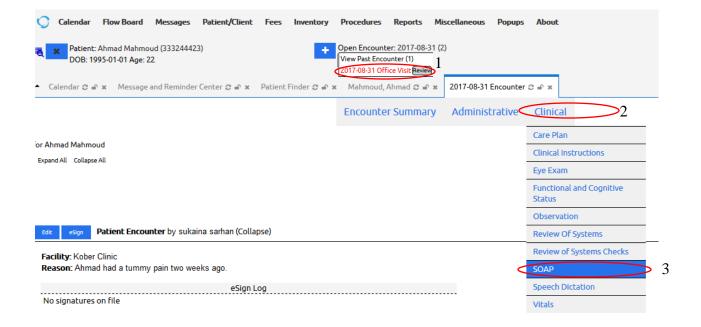
- 9.2.1 Clinician observation might be **made and documented** in different ways such as:
 - ☐ Review of systems/system checks

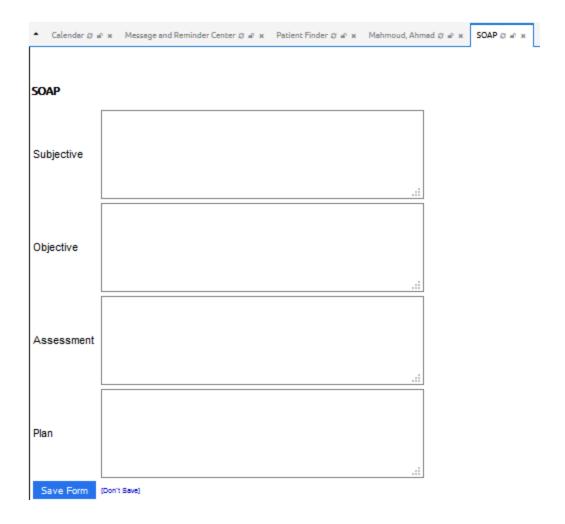


Review Of Systems

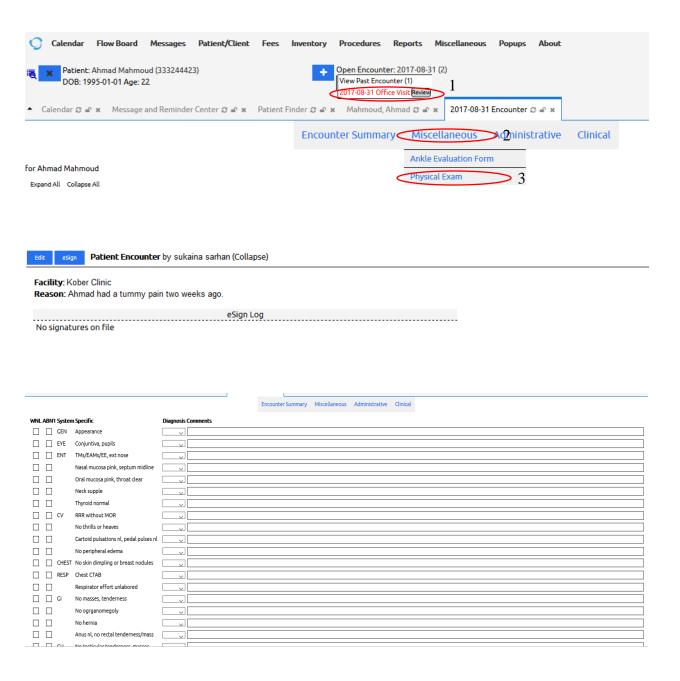
onstitutional
Veight Change: N/A ○ YES ○ NO Weakness: N/A ○ YES ○ NO Fatigue: N/A ○ YES ○ NO
Anorexia: N/A OYES ONO Fever. N/A OYES ONO Chills: N/A OYES ONO
Night Sweats: N/A OYES ONO Insomnia: N/A OYES ONO Irritability: N/A OYES ONO
Heat or Cold: N/A ○ YES ○ NO Intolerance: N/A ○ YES ○ NO
Eyes Eyes
Change in Vision: N/A OYES ONO Family History of Glaucoma: N/A OYES ONO Eye Pain: N/A OYES ONO
Irritation: N/A OYES ONO Redness: N/A OYES ONO Excessive Tearing: N/A OYES ONO
Double Vision: N/A OYES ONO Blind Spots: N/A OYES ONO Photophobia: N/A OYES ONO
Ears, Nose, Mouth, Throat
Hearing Loss: N/A OYES ONO Discharge: N/A OYES ONO Pain: N/A OYES ONO
Vertigo: N/A ○ YES ○ NO Tinnitus: N/A ○ YES ○ NO Frequent Colds: N/A ○ YES ○ NO
Sore Throat: N/A OYES ONO Sinus Problems: N/A OYES ONO Post Nasal Drip: N/A OYES ONO
Nosebleed: N/A OYES ONO Snoring: N/A OYES ONO Apnea: N/A OYES ONO
Breast
Breast Mass: N/A OYES ONO Discharge: N/A OYES ONO Biopsy: N/A OYES ONO
Abnormal Mammogram: N/A OYES ONO
Respiratory
Cough: N/A OYES ONO Sputum: N/A OYES ONO Shortness of Breath: N/A OYES ONO
Minusian R O O Ususan sir R O O O

☐ Use of Subjective-Objective-Action-Plan (SOAP) Note



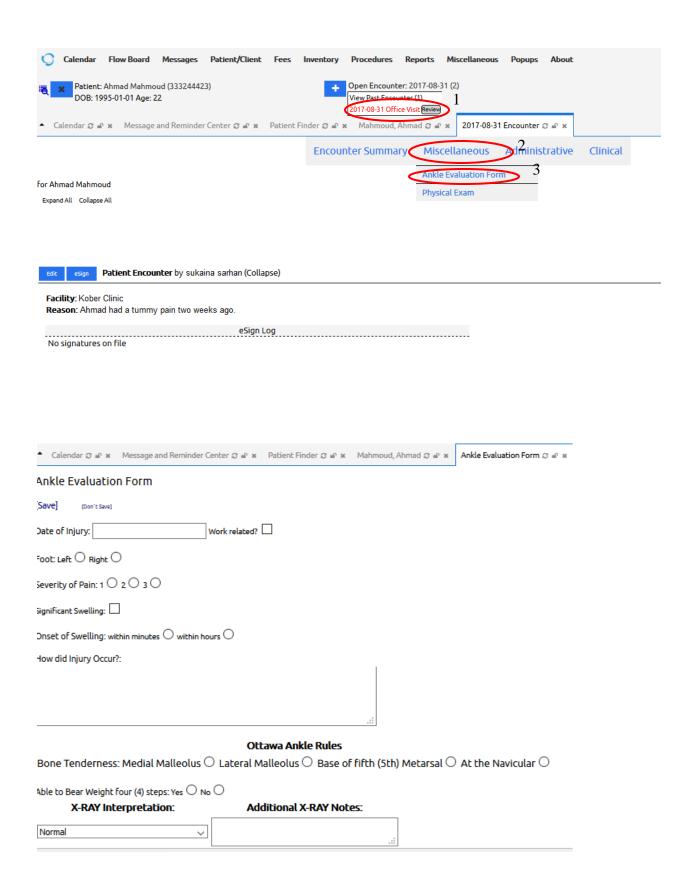


- ☐ Physical examination of patient
 - Physical exam form and other forms are usually do not appear in the clinical tab by default. Here, the admin has to install them before.



☐ Ankle Evaluation Form

 Ankle evaluation form and other forms are usually do not appear in the clinical tab by default. Here, the admin has to install them before.

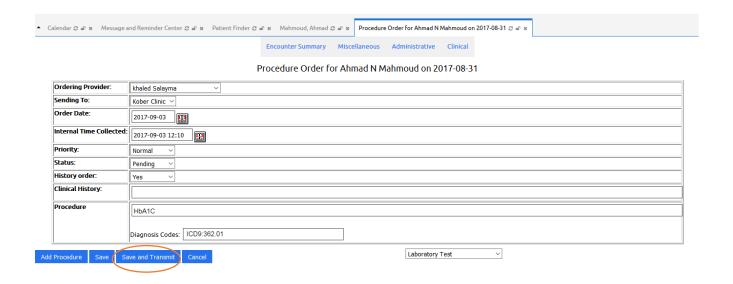


☐ Repeat the aforementioned steps for using other forms
Note : If you don't find the needed form in the clinical tab , the admin must install it before.
After patient observation is done, clinician has to provide and document a set of clinical instructions (Medications prescription, ordering lab test, Ordering radiology image, Referrals)
Clinical instruction might be handled by:
□ Local facilities → Local medical lab, local pharmacy (also, called hospital ancillary departments).
■ External providers → community laboratory, community pharmacy, and community radiology center
Note: OpenEMR allow providers to request clinical instructions form local and external providers via procedure order form

9.2.3 Patient Instructions - Procedure Order

Clinician has to request lab test order (**HbA1C**) to the current patient (Bader) as follows:

- Select Patient/client → Patients → Encounter
- Select administrative tab → procedure order
- New window will be opened
- Enter the form data



9.2.4 Handling Procedure Order

Now, Lab technician can handle lab order as follows

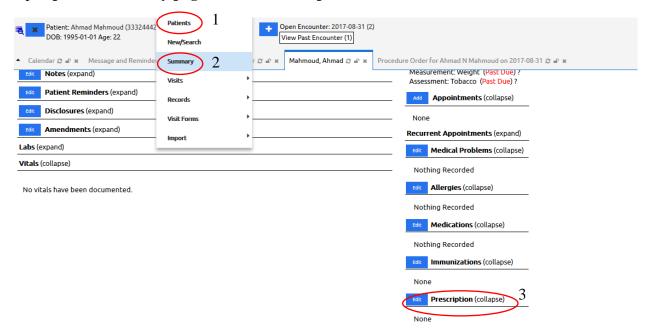
- Login to **OpenEMR**
- Select Procedure → Pending orders
- Add the result of lab test and sign result



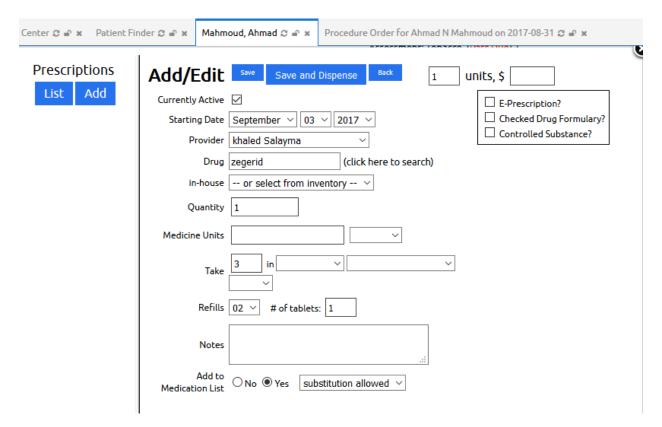
9.2.5 Drug Prescription

During patient instruction, doctor prescribes drugs for patient. To prescribe a drug, the **doctor** has to do

❖ Open patient summary page → Edit Prescription



- New page will open, and display all prescribed drugs
- ❖ Select **Add** new drug or **edit** existing one



❖ After saving the drug the below window will show up

