

## Medical Directives: How do they work in Expense?

- They are built as Electronic Order Sets
- Titled as Medical Directives
- “Medical Directive” will be an order source in OM when enacting the medical directive
- Allows for an audit trail of originating order
- Staff will be able to see the list of Medical Directives available to them
- Medical Directives will be initiated by staff as needed, or as a system suggestion based on chief complaint in the Emergency Department
- There are multiple Medical Directives built for use in different areas (ED, Surgery, Critical Care, Corporate)

### How to initiate a Medical Directive in Expense?

#### In ED Triage:

Medical Directives are associated with Chief Complaints. The option to order will appear when receiving the patient.

The screenshot displays the 'Reception' section of the Expense system. The patient record shows the following details:

- \* Last Name: Rvh
- \* First Name: Meddirective
- Middle: [Empty]
- Suffix: [Empty]
- Birthdate: 03/03/1966
- Age: 55
- \* Birth Sex: F
- Language: [Empty]
- Facility Directory: [Empty]
- Clergy Visit: [Empty]

The 'Complaints' section shows:

- \* Stated: abd pain
- Chief: Abdominal Pain

The 'Choice' dialog box is open, displaying the following text:

The following complaint(s) have an associated Order set:

**Abdominal Pain**

? You may go to **Open Chart** now and start the order Set(s),

**OR**

You may go back to Orders later and start the Order Set(s).

At the bottom of the dialog box, there are two buttons: **Open Chart to Orders page now** (highlighted with a red circle) and **No, thanks - maybe later**.

**Step 1.** Open the chart and under the Orders tab (right side panel). Select Current Orders > New Sets

**Surg, Happy V000001246 - PCS Open Chart (ROV TEST - TEST)**

Code Status: Not Ordered No Hx Avail  
 Allergy/Adv: bee venom protein (honey bee), Penicillins

Current Orders | Transfer Orders | Hold Queue | History

New Orders | New Meds | New Sets

Category	Ordering Provider	Start	Renew/Stop	Status
Activity and Restrictions	Castillo, James, MD	05/08/2021 17:30		Ordered
Assessment and Monitoring	Castillo, James, MD	05/08/2021 17:30		Active
Medications	Castillo, James, MD	05/08/2021 17:30	05/08/2021 23:59	Ordered
Medications	Castillo, James, MD	05/08/2021 17:30	05/08/2021 23:59	Ordered
Medications	Castillo, James, MD	05/08/2021 17:30	05/08/2021 23:59	Ordered
Medications	Castillo, James, MD	05/08/2021 17:30	05/08/2021 23:59	Ordered

**Step 2.** Select Medical Directive as the order source and click the OK button.

Enter Default Provider and Source

Provider: Cooper, Joel Anthony  
 Source: Medical Directive

**In ED:**

If a Medical Directive is associated with the patient's Chief Complaint, it will appear in the New Sets tab automatically as a Suggested Set.

**Rvh, Meddirective**

Code Status: Not Ordered No Hx Avail  
 Allergy/Adv: Not Recorded

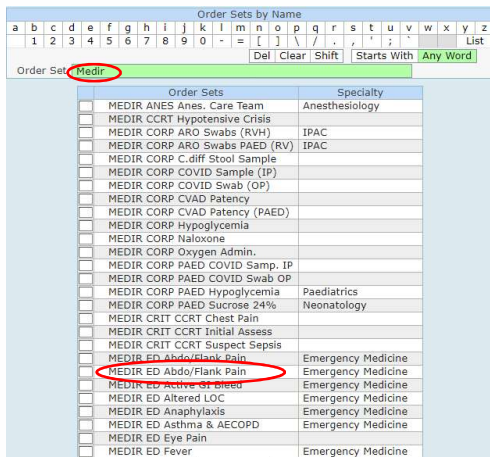
Current Orders | Transfer Orders | Hold Queue | History

New Orders | New Meds | New Sets | 0 Queued

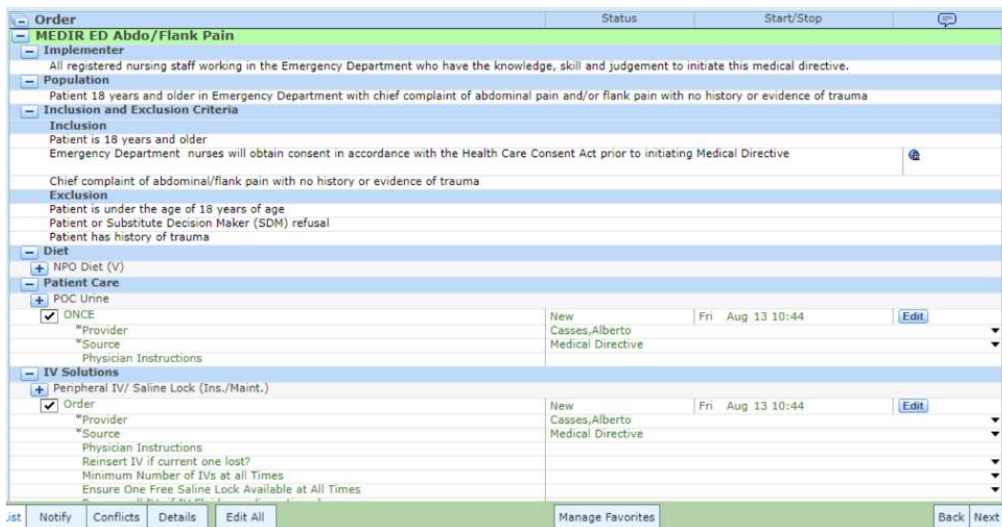
Orders/Meds/Sets	Start/Stop
<input checked="" type="checkbox"/> Suggested Order Set MEDIR ED Abdo/Flank Pain	Source Chief Complaint: Abdominal Pain

**Step 3:** On the search field, type in the word “Medir” and the full list of available Medical Directives will show up. A prefix has been added to the Medical Directive name to identify the specialty it belongs to.

The majority are ED and Corporate Medical Directives. There is also one to be used in Pre-Op Clinic for Investigations.



**Step 4.** Once the selection is made, the content of the Medical Directive will display. Most orders have been preselected to facilitate ordering.



**Step 5.** The first section of the medical directive contains instructions for the implementer and a statement to guide the user for the proper implementation of the medical directive.

There are sections for inclusion and exclusion criteria. Also, useful links to websites are available to be launched from the set by clicking in the blue globe.

The screenshot shows a web-based form titled "MEDIR ED Abdo/Flank Pain". It is organized into several sections:

- Implementer:** All registered nursing staff working in the Emergency Department who have the knowledge, skill and judgement to initiate this medical directive.
- Population:** Patient 18 years and older in Emergency Department with chief complaint of abdominal pain and/or flank pain with no history or evidence of trauma
- Inclusion and Exclusion Criteria:**
  - Inclusion:** Patient is 18 years and older; Emergency Department nurses will obtain consent in accordance with the Health Care Consent Act prior to initiating Medical Directive. A blue globe icon is present next to this text.
  - Exclusion:** Patient is under the age of 18 years of age; Patient or Substitute Decision Maker (SDM) refusal; Patient has history of trauma

**Step 6.** The nurse can select any orders required according to the patient's status and/or defined criteria.

Once selection is made, submit by entering the assigned PIN. Orders will file immediately.

The screenshot shows a list of medical orders with expandable sections and checkboxes for "Urgent" status:

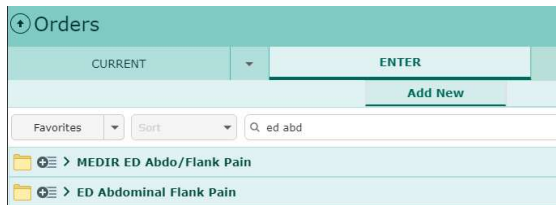
- Lipase:**  Urgent. Sub-options: \*Provider, \*Source.
- Amylase:**  Urgent.
- Urinalysis:**  Urgent. Sub-options: \*Provider, \*Source.
- Section B: For patient on warfarin:** INR/PTT for patients on warfarin.
  - International Normalized Ratio:**  Urgent
  - Partial Thromboplastin Time:**  Urgent
- Section C: Females less than 55 years of age:** If urine available, send BHCG Urine; If no urine available, send BHCG Qualitative Serum.
  - Urine BHCG Qualitative:**  Urgent
- Other Investigations:** ECG if pain above umbilicus.
  - ECG 12 Lead:**  Stat,  Urgent

At the bottom, there are buttons for "Order List", "Notify", "Conflicts", "Details", and "Edit All".

## Initiating an Order Set after a Medical Directive

Medical Directives are designed for nurses to initiate orders prior to the MD seeing the patient.

There will also be Order sets available for the MD to enter orders. Order sets will not have all the orders preselected to avoid duplication of orders previously placed by the nurse via a Medical Directive.



The MD will be able to see within the Order Set if the order has already been entered.

MD should then select only the orders that need to be added and submit by entering the assigned PIN.

