



# Endocarditis Due to Injection Drug Use Mini power plan

**Topic:** New Endocarditis Due to Injection Drug Use Mini power plan

**Facility:** Methodist Hospital (initially)

**Audience:** Providers, Nursing, Pharmacy

**Effective Date**

**September 12, 2022**

**Contact**

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Victoria Bailey**

**Summary:**

Dr. Pantila Bateman and Dr. Richard Kovacs began to promote coordinating care with multiple disciplines for patients admitted with endocarditis due to injection drug use. This order set was developed by multiple providers (infectious disease, addictions, cardiology, CV) nursing, clinical informatics, social services and case management.



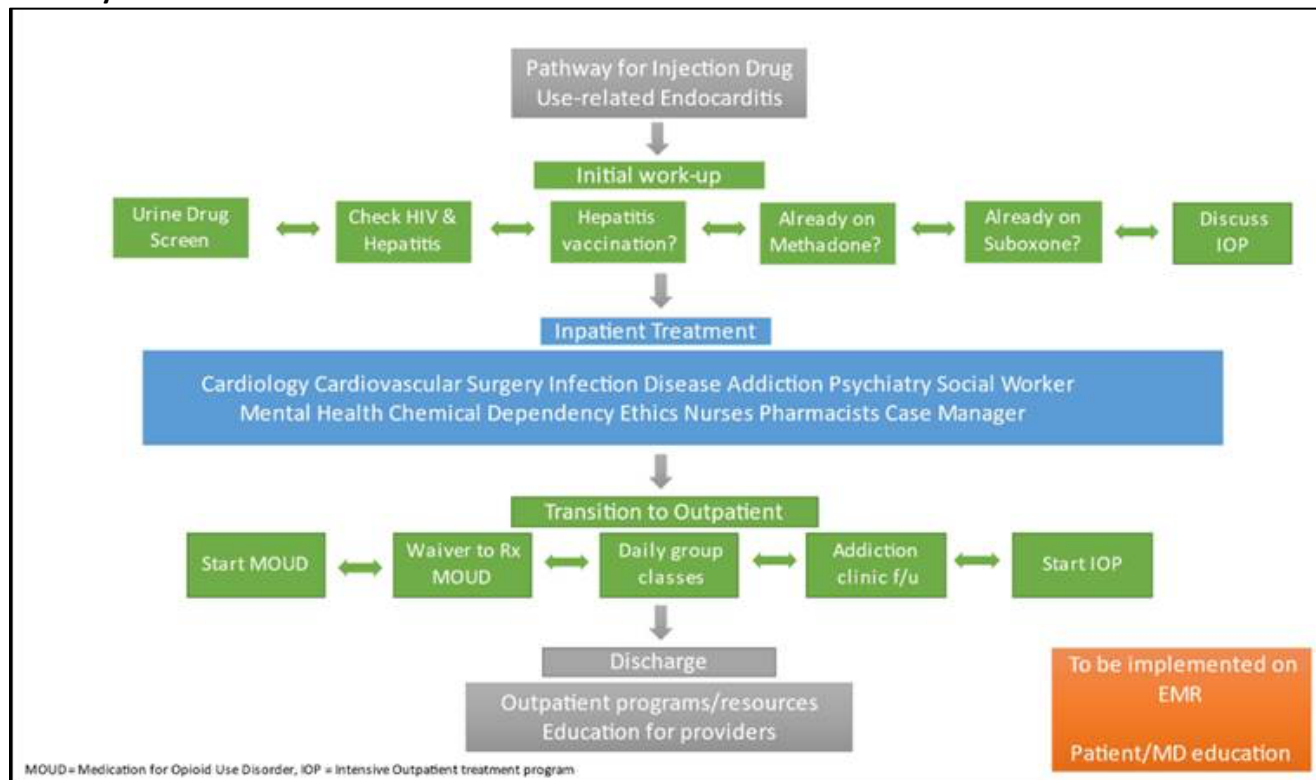
Endocarditis due to Injection Drug Use I

(double click to open order set>>)

**What is the purpose of this order set?**

Patients admitted with a diagnosis of endocarditis due to injection drug use and severe medical illness. Dr. Pantila Bateman, Cardiologist presented a pathway for this patient population to several Clinical Councils. The pathway was translated into an order set to support care and provide guidance for assessment, immediate consults and care coordination. By providing intervention and support early in hospitalization and post discharge one goal would be to improve long term outcome and prevent readmission.

**Pathway**





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## How is the order set designed?

This order set is considered a mini and NOT a full Admission set of orders. It has targeted orders to be initiated upon admission. The goal is to enter referrals to get multidiscipline staff involved early.

## Design is a Multiphase - when the power plan is first initiated:

- 1. Admission phase** – Initiated first by provider and all orders will be “live”
- 2. Surgical Post op phase** - This phase only contains notes for the provider. It will automatically be *planned* and can be referred to later by provider if patient receives surgical intervention.
- 3. Discharge / Transition to Outpatient phase** – This phase will automatically be *planned* and **MUST** be *initiated* by provider when discharge planning begins. This phase should NOT be started at the last minute and contains Hepatitis vaccinations, pre checked education orders and a naloxone kit that can be ordered.

The screenshot displays the Cerner EHR interface for the 'Endocarditis Due To Injection Drug use Mini' order set. On the left, a tree view shows the order set structure with three phases: Admission Phase (Planned Pending), Postop Phase (Planned Pending), and Discharge Phase/Transition to Outpatient (Planned Pending). The main window shows the details for the 'Endocarditis Due To Injection Drug use Mini' component. It includes a 'Provider Information' section, links to a 'Clinical Opiate Withdrawal Score Calculator' and 'DSM-5 Criteria for Opioid Use Disorder (OUD)', and 'Inclusion Criteria' such as 'Injection drug use - opioid and methamphetamine use disorder' and 'Severe medical illness such as sepsis, respiratory distress, endocarditis, c...'. A 'Pathway notes' section is highlighted in red, containing a list of questions to consider when a patient is admitted from the ED, such as 'Has urine Drug Screen been done?', 'HIV status checked?', 'Hepatitis screening? (A, B, C included)', 'Hepatitis A & B vaccinations? Consider ordering vaccines if needed prior to discharge', 'Is patient on methadone?', 'Is patient on suboxone?', and 'Has ED admitting doctor checked INSPECT?'. At the bottom, there is a section for 'Laboratory Services'.

## Who is the targeted audience for this Mini order set?

Admitting physicians, such as Cardiologists, Hospitalists or Critical Care or a cardiologist, ID, addiction specialist and CV consultants may also *initiate* the subphase. The General Admission order set, Cardiac General Admission and Critical Care Admission order set could be used with this mini. We will add a note in these admission order sets to refer to the mini for endocarditis. The mini cannot be embedded because this is built as a multiphase power plan.

## Where can the Endocarditis Education documents be found in Cerner?

There are 3 new endocarditis education documents that can be found in Cerner under Patient Education. Provider or nurse can obtain these documents directly from Patient Education button. **Type Endocarditis to locate.**



# Endocarditis Due to Injection Drug Use Mini power plan

Instructions Follow Up

Search:  contains Language: English

Suggested Departmental Personal All Custom

- AAOS - Patellar Tendon Tear (Custom)
- AAOS - Quadriceps Tendon Tear (Custom)
- After Endoscopic Sinus Surgery (Dr. Elliott) (Custom)
- Anthony after endoscopic Zenker's (Custom)
- Authorization for Endometrial Biopsy (Custom)
- Authorization for Endometrial Biopsy (RWICKER) (Custom)
- BDINA dx I/s for endometriosis (Custom)
- CV Arnett Endograft (Custom)
- CV Arnett Endograft (STRENT) (STRENT) (Custom)
- Discharge Instructions: Endometrial Ablation (Custom)
- Discharge Instructions: Endometrial Ablation(Zody) (Custom)
- Endocarditis - Addiction: Your treatment options (Custom)
- Endocarditis - How to clean your Syringes (English) (Custom)
- Endocarditis - How to clean your Syringes (Spanish) (Custom)
- ENDOCARDITIS - Six moments of Infection Prevention (Custom)
- Endovenous Radiofrequency Ablation for Varicose Veins (Custom)
- IU North ENDO Colon (Custom) (Custom)
- IU North-Endo-EGD (Custom) (Custom)
- Jay Home Care Instructions For Outpatients Following Endoscopy (Custom)
- Jay Home Care Instructions for Outpatients Following Endoscopy (Surgeons) (Custom)
- Laparoscopic Treatment of Endometriosis, Discharge Instructions (Custom)
- misc- Endo Bfd (Custom)
- misc- Endo Bfd (Custom)
- Pediatric Endocrine Diabetes Discharge Instructions (CUSTOM) (Custom)
- Pediatric Endocrine Diabetes Discharge Instructions (CUSTOM) (Custom) (Custom)
- Peds - Endometriosis- A Guide for Friends, Siblings, and Signif (Custom)
- Peds - Endometriosis- College Planning (Custom)
- Peds - Endometriosis- College Planning(CUSTOM) (Custom)
- Peds - Endometriosis- Continuous Hormonal Pills (OCPs) (Custom)
- Peds - Endometriosis- Coping with Pain (Custom)
- Peds - Endometriosis- Frequently Asked Questions (Custom)
- Peds - Endometriosis- Frequently Asked Questions About the Oral (Custom)
- Peds - Endometriosis- General Information (Custom)
- Peds - Endometriosis- Glossary of Terms (Custom)
- Peds - Endometriosis- Hormonal Treatment Overview (Custom)
- Peds - Endometriosis- How to Take Continuous Oral Contraceptive (Custom)



Additions- Your Treatment Options.†



Six Moments of Infection Prevention



How To Clean Your Syringe.pdf

Double Click to open>>

Education Name
▼ Education (3)
ENDOCARDITIS - Six moments of Infection Prevention(CUSTOM)
Endocarditis - How to clean your Syringes (Spanish)(CUSTOM)
Endocarditis - How to clean your Syringes (English)(CUSTOM)
▼ Medication Leaflets (0)
No Added Medication Leaflets

This is what it looks like for the Nursing View.

## Who are the Authors and Reviewers who participated in the project?

**Submitted by:** Dr. Pantila Bateman, Cardiology

**Physician Authors:** Dr. Olawale Ojo, Addictions Specialist, Dr. Saira Butt, Infectious Disease, Maria Bandy PA, Jeremiah Lewis, PA, Dr. Richard Kovacs, Cardiology

**Nursing:** Dawn Horvath, CNS CV, Liz Nolan, Patient Education, Christina Swain, Outcomes Specialist, Kimberly Ware, Clinical Nurse Shift Coordinator

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**Behavioral Care:** Shauna Campbell, and Amber Welsh

**Clinical Effectiveness:** Allison Giesting, Mary Altherr

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