



**LOS ANGELES COUNTY DEPARTMENT OF HEALTH SERVICES
HARBOR-UCLA MEDICAL CENTER**

SUBJECT: MEDICATION INFUSION THROUGH CONTINUOUS AMBULATORY DELIVERY DEVICE (CADD) PUMPS **POLICY NO.** 3250

CATEGORY: Provision of Care	EFFECTIVE DATE: 12/17
POLICY CONTACT: Jennie Ung, PharmD	UPDATE/REVISION DATE: 11/21
REVIEWED BY COMMITTEE(S): Medication Safety	

PURPOSE:

To define an interdisciplinary approach to providing medications through Continuous Ambulatory Delivery Device (CADD) pumps for oncology patients in the outpatient/home infusion setting.

POLICY:

Harbor-UCLA Medical Center will offer treatments which involve use of a CADD pump to provide certain medications to be used in the outpatient/home infusion setting instead of the inpatient setting.


Management of CADD pump infusion is an interdisciplinary approach involving physicians, pharmacists, and nurses.

- Physicians are responsible for ensuring central line access for patients, placing the order at least two business days prior to the treatment date for CADD pump protocols, and scheduling two Infusion Clinic appointments for each treatment.
- Pharmacists process the order by transcribing into the electronic health record (EHR), compounding CADD pump medications using proper techniques, and dispensing these medications to Infusion Clinic with proper labels and receipt.
- A Registered Nurse (RN) is responsible for assessing the patient, ensuring the knowledge level and capability of operating the CADD pump safely, monitoring current laboratory values, administration of all other medications prior to CADD pump medications per protocol, setting up the pump properly with correct volume and rate, providing patients with education/information handout regarding the CADD pump operation, having patients sign affidavit/patient contract for the pump rental agreement, and logging the patient and pump information.

REVISED: 11/21

REVIEWED: 12/17, 11/21

APPROVED BY: 
 Anish Mahajan, MD
 Chief Executive Officer


 Anish Mahajan, MD
 Chief Medical Officer


 Jason Black, MBA, DNP, RN
 Chief Nursing Officer



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PROCEDURE:

A. CADD pump medication orders

1. Oncology physician completes the chemotherapy order at least two working days prior to treatment date using acceptable protocols. Pharmacy must receive the chemotherapy order the same day physician completes the order.
2. Physician to schedule two infusion clinic appointments; (1) for the day of treatment (Monday or Tuesday) and (2) for the date of completion of home infusion, IV discontinuation/pump removal and proper flushing of central lines.
3. Pharmacist verifies chemotherapy order and transcribes it into the EHR system.
4. On the treatment date, nurse will assess patient and review current labs per nursing guidelines to see if the patient is ready for the treatment.

B. Compounding

1. The medication is prepared when the patient is ready to start treatment.
2. CADD pump medication in cassette will be compounded in the Pharmacy using proper techniques.
3. Compounding label is affixed to the cassette along with other auxiliary labels.

C. Dispensing

1. Pharmacist enters CADD pump medication order into the Outpatient Pharmacy system.
2. The outpatient label is affixed on the cassette for CADD pump in addition to the compounding label, as required.
3. The labeled cassette will be delivered to the Infusion Center.

D. Infusion Clinic

1. Upon acquisition of CADD pump medication, a registered nurse (RN) signs the pharmacy receipt ensuring that the RN will provide required teaching/information for use of the CADD pump in home infusion setting.
2. RN is responsible for administering all other medications as ordered.
3. RN sets up the CADD pump properly including changing battery before the setup, loading the cassette in the pump, programming the volume and infusion rate following the directions per pharmacy label.
4. RN provides the patient with education, drug information handout, home infusion directions, and phone number to call, in case of problems with the pump.
5. RN documents patient education in EHR along with other discharge instructions in nursing documentation under iView.
6. RN initiates the CADD pump order before clinic discharge.
7. RN logs and documents all the required information for the CADD pump in assigned log book in Infusion Clinic.
8. RN provides a carrying case upon initiation of CADD pump infusion.
9. Nurse disinfects all used pumps with germicidal wipes before returning to stock.
10. Any problems associated with CADD pump will be addressed properly by nursing staff by following Hospital Policy #504: Guidelines for Biomedical Equipment Malfunctions.



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E. Other:

1. Patient or patient guardian signs an affidavit/rental agreement for proper care and return of the CADD pump after the completion of infusion to the Infusion Clinic.

Revised and Approved by:
Medical Executive Committee on 11/2021

A handwritten signature in cursive script that reads "Beverley A. Petrie".

Beverley A. Petrie, M.D.
President, Professional Staff Association