

## SECTION: NURSING

### POLICY # 440 PROTOME INR MONITORING

**POLICY:** Protome/INR monitoring is a service provided with a Dr. Order for Home Visit clients who are unable to get out to their private medical clinic for this service. In-office protime/INR monitoring is available only on a special need basis and an appointment and physician orders are necessary for the service. This is a full pay service requiring payment at the time the service is provided.

**PROCEDURE:** Protime/INR monitoring will be done following the CoaguChek S System User's Manual. **Protime/INR monitoring will be done following the INRATIO 2 Prothrombin Time (PT) System Professional User's Manual.**

**Introduction to the Equipment:** pages 4-39 of CoaguChek S System User's Manual  
**Pages 4 and 5**

**Operating Conditions:**

Page 5 of CoaguChek S System User's Manual. **Pages 6-22**

**Quality Control Measures:**

**Liquid Quality Controls:** pages 40-61 of CoaguChek S System User's Manual **Page 23**

Will be done:

1. Every Monday morning by the in-office nurse and recorded in the quality control log for the CoaguChek machines. In the case that no testing is scheduled for the week, the liquid control will not be done.
2. To confirm accuracy of client test results involving readings unusually high or low.
3. With each new lot number of strips opened.
4. In the case that improper storage or handling of the strips is suspected

Gloves should be worn during the liquid control testing process.

**Electronic Quality Controls** will be done by the first nurse using the machine on a daily basis and recorded in the Quality Control log.

**Capillary or Venous Blood Testing:** pages 62-93 of CoaguChek S System User's Manual. Because of the hazards of handling blood products, disposable gloves are worn when collecting specimens and performing test procedures.

Testing materials will be disposed of in proper waste containers.

**Scheduling:** Each nurse is responsible for scheduling the time and date she will be using the CoaguChek (**INRATIO 2**) machine. Use of the CoaguChek (**INRATIO 2**) machine will be documented on the calendar located in the CVHD Nursing Lab and designated as the CoaguChek (**INRATIO 2**) calendar.



## POLICY AND PROCEDURE MANUAL CENTRAL VALLEY HEALTH DISTRICT

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If multiple appointments are necessary during the same time period, the second CoaguChek machine may be calibrated to ease in the scheduling conflicts. **Both machines will be available for use on a daily basis.**

**Cleaning/Maintenance:** The CoaguChek Machine will be cleaned and maintained as outlined on pages 94-99 of CoaguChek S System User's Manual. **User's Manual page 25.**

**Error Messages/ Other Information:** pages 100-114 of CoaguChek S System User's Manual. **User's Manual pages 25-26.**

**Reporting and Recording of test results:**

Upon completion of the testing process the results will be reported to the designated contact person in the ordering physicians' office.

The results may be faxed (using the CVHD CoaguCheck **(INRATIO 2)** Protime Results form. Attachment # 1) or telephoned to the clinic depending on the pre-arranged preferred mode of communication and the actual test results.

The need for immediate follow-up with the clinic contact person will be based on the acceptable range of results as outlined in the physician order for testing. See attachment #2-CVHD Standing Orders for Coumadin (Warfarin) Therapy.

The results will be recorded on the Coumadin flow sheet in the **LAB RESULTS** portion of the clients chart. Attachment # 3.

**Any unexpected results should always be followed up with. All values outside the target INR range (Attachment #2) will be followed up with a call to the attending physician. Results of these interactions will be documented in the client's record.**

In the event of medication adjustments a CVHD Physician order form will be completed to indicate the medication adjustments and sent to the physician for signature.