



CONWAY MEDICAL CENTER

PROCEDURE

When in hard copy form, refer to Policy Manager to validate this as the most current revision.

TITLE:	LAB-SPC-04.09 Twenty-four(24) Hour Urine Collections-PRO		
ISSUED BY:	Administrative Lab Director	REFERENCE #:	LAB-SPC-04.09-PRO
APPROVED BY:	Lab Director	EFFECTIVE DATE:	2000-07-10

SCOPE: All potential collectors of urine for 24 hour testing.

PRINCIPLE: There are many tests that require a 24 hour collection of urine. Each test may have many different collection, additive, and storage instructions. With all of these varying requirements it is necessary to review the requirements prior to giving the patient the specific instructions. Patients should be given an instruction sheet prior to collection. Urine containers should not be distributed to patients or to the nursing units without review of the order and a determination if the sample requires an additive during collection.

PROCEDURE: SEE PATIENT INFORMATION SHEET LAB-SPC-06.02-FRM

- I. **URINE CONTAINER:** Call the lab to validate the type of container required. The type of 24 hour urine container needed is test specific, so have the test name available.
- II. **TIMING:**
 - A. **START TIME:** Collection time is an exact 24 hour period and should begin after you have voided. The best collection protocol is the following: Upon arising in the am, urinate into your toilet – all of that sample should be discarded. Your collection time begins after this discarded sample.
 - B. **END TIME:** Last void up to the time that is exactly 24 hrs post start time. Patient may not need to void again at the designated stop time, but be sure you have given the patient to take the last opportunity to void.
- III. **PATIENT INSTRUCTIONS:**
 - A. Void into secondary container, which should be clean, but not necessarily “sterile” and pour into the designated 24 hr container.

CAUTION: When indicated, some containers may contain preservatives which are poisonous and can cause skin irritation or burning- please proceed with caution. Do not void directly into the container; keep container away from children.

- B. Collect every sample during the next 24 hour period. It is important that all urine is collected in the container.



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IV. **STORAGE:** The sample **must be refrigerated** or at least kept cold during the entire period.

V. **FINAL VOID:** 24hrs after the initial. In our suggested protocol, you would collect your first am sample (be sure it is approximately at the same time as the first am sample you discarded the day before). That first morning sample will be your last – return the container to the laboratory.

VI. CONTAINER LABELING INFORMATION

- A. Start and Stop times should be recorded.
- B. Patient identifiers per hospital labeling protocols.

VII. **ORDER ENTRY:** The most frequently ordered 24 hour urine tests are in the Power Chart Specimen Collections. Their requirements can be accessed by using the specimen collection test catalog. For any non-listed test the laboratory is connected directly to Quest Diagnostics inquiry to allow immediate access to all sample requirements.

VIII. **TRANSPORTATION TO THE LAB:** Do not place in tube system. Samples must be manually delivered to the testing laboratory.

RECORDS: NA

REFERENCE STANDARDS: CAP GEN.4000; GEN.40016; GEN.40032; GEN40050; GEN.40100

REVISION/REVIEW HISTORY:

Date	Affected Section(s)	Summary of Changes ('Reviewed' or details of change)
05/05/2011 mp	None	Reviewed/Revised Electronic changes stored in Lab G drive.
11/02/2011 lds	Format	Changed policy to MCN policy manager format.
07/15/2013lds	All	Newest MCN and Roman numeral format. No content changes.
02/25/2015lds	All	Reviewed Added "see LAB-SPC-06.02" no content changes
03/17/17 dlt/lds	Section VII	Order Entry-changed to Power Chart Specimen Collections