



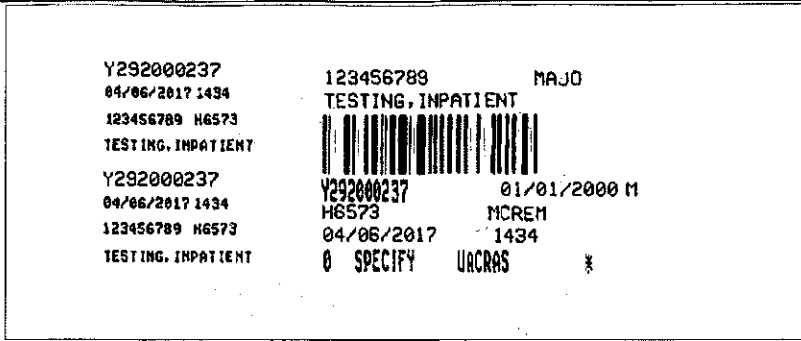
STANDARDIZED TESTING / OPERATING PROTOCOL REQUEST/ANNOUNCEMENT

Rasburicase Uric Acid (UACRAS) Testing

Description:	The laboratories will implement a specific test code for uric acid testing on patients receiving rasburicase, a drug which lowers elevated uric acid levels on patients receiving anticancer treatments resulting in tumor lysis.
Implementation Date:	4/11/17
Performing Locations:	<p>Click on the boxes that apply:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Alamance Regional <input checked="" type="checkbox"/> Annie Penn Hospital <input checked="" type="checkbox"/> Moses Cone Hospital <input checked="" type="checkbox"/> Med Center at High Point <input checked="" type="checkbox"/> Wesley Long Hospital <input checked="" type="checkbox"/> Women's Hospital
Affected Locations:	<p>Click on the boxes that apply:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Alamance Regional <input checked="" type="checkbox"/> Annie Penn Hospital <input checked="" type="checkbox"/> Moses Cone Hospital <input checked="" type="checkbox"/> Med Center at High Point <input checked="" type="checkbox"/> Wesley Long Hospital <input checked="" type="checkbox"/> Women's Hospital
Affected Departments:	<p>Click on the boxes that apply:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Blood Bank <input type="checkbox"/> Cytology <input type="checkbox"/> Flow Cytometry <input type="checkbox"/> Histology <input type="checkbox"/> Microbiology <input checked="" type="checkbox"/> Phlebotomy <input type="checkbox"/> Point of Care <input checked="" type="checkbox"/> Rapid Response Lab <input type="checkbox"/> Respiratory Therapy <input checked="" type="checkbox"/> Specimen Processing
Specimen Type:	Pre-chilled light green tube placed on ice

Updated Clinical Lab Procedures:	CHEM-0369L-CH Clinical Chemistry Information Sheet
Retired Clinical Lab Procedures:	N/A
Notification to Client:	<p>Click on the boxes that apply: <input checked="" type="checkbox"/> Section Not Applicable <input type="checkbox"/> Memo Needed</p> <p>New test code in response to IT ticket from Randy Absher in Pharmacy – Randy Absher notified on 04/06/17 of UACRAS go live.</p> <p>Distribution of Memo:</p> <input type="checkbox"/> Medical Staff <input type="checkbox"/> Allied Health Professionals (PA, Nurse Practitioners) <input type="checkbox"/> Anesthesia <input type="checkbox"/> Annie Penn (Primary Source Physicians) <input type="checkbox"/> Dentist <input type="checkbox"/> Emergency Department/Urgent Care Centers <input type="checkbox"/> Family Practice <input type="checkbox"/> Infectious Docs #ID Docs (John Campbell, Robert Comer, Jeffrey Hatcher, Cynthia Snider, Kees Van Dam) <input type="checkbox"/> OB/GYN <input type="checkbox"/> Pathology
	<input type="checkbox"/> Pediatricians <input type="checkbox"/> Psych <input type="checkbox"/> Radiology <input type="checkbox"/> Surgery <input type="checkbox"/> #Nursing Leadership (Directors, Asst. Directors, Clinical Nurse Manager) <input type="checkbox"/> Pharmacy - Send to DeAnne Brooks & Jim Hasspacher <input type="checkbox"/> #IM Residents <input type="checkbox"/> Kim Helsabeck <input type="checkbox"/> Phlebotomy Managers and Supervisors <input type="checkbox"/> Point of Care: Sheila, Kim & Marty
Accreditation Section:	<p>Click on the boxes that apply: <input checked="" type="checkbox"/> Section Not Applicable <input type="checkbox"/> CAP Test menu change needed <input type="checkbox"/> CMS Analyte form change needed <input type="checkbox"/> Proficiency Testing surveys changes needed or ordered</p>
Laboratory IT section:	<p>Click box and type needed changes/additions: <input type="checkbox"/> Section Not Applicable <input checked="" type="checkbox"/> LIS changes</p>

	<p>Create UACRAS test code in Sunquest and CHL (add to order set when rasburicase drug is ordered) Add appropriate specimen collection instructions to UACRAS and URIC test codes (see Specimen Collection Instructions below). COMPLETE</p> <p><input type="checkbox"/> Reference range change/addition <input type="checkbox"/> Technical Failure change/addition <input type="checkbox"/> Critical Value change/add <input type="checkbox"/> Text comments needed <input checked="" type="checkbox"/> Specimen collection instructions</p> <p>UACRAS specimen requirements: PATIENT RECEIVING RASBURICASE. COLLECT BLOOD SAMPLE FOR URIC ACID IN PRE-CHILLED TUBE CONTAINING HEPARIN AND IMMEDIATELY IMMERSER AND MAINTAIN SAMPLE IN AN ICE WATER BATH. ASSAY SAMPLE WITHIN 4 HOURS OF COLLECTION.</p> <p>URIC specimen requirements: IF PATIENT IS RECEIVING RASBURICASE, COLLECT BLOOD SAMPLE FOR URIC ACID IN PRE-CHILLED TUBE CONTAINING HEPARIN AND IMMEDIATELY IMMERSER AND MAINTAIN SAMPLE IN AN ICE WATER BATH. ASSAY SAMPLE WITHIN 4 HOURS OF COLLECTION.</p> <p>COMPLETE</p> <p>UACRAS Sample Container: SPECIFY (due to pre-chilled container requirement) COMPLETE</p> <p><input type="checkbox"/> Need to monitor TAT <input type="checkbox"/> CPT code for tests(s)</p>
<p>Technical Staff Update:</p>	<p>A new test code, UACRAS, will be used for patients receiving rasburicase. This test code maps to the uric acid assay on the Beckman analyzers. UACRAS has different specimen requirements from URIC (regular uric acid order).</p> <p><u>Phlebotomy Update:</u> Patients receiving rasburicase must have samples collected in pre-chilled light green/green tubes, which must be placed in an ice water bath. When an UACRAS is ordered, please follows these instructions:</p> <ol style="list-style-type: none"> 1. Obtain pre-chilled tube. Tubes may be pre-chilled by placing in a refrigerator or ice water bath for 10 minutes. 2. Place pre-chilled tube in ice water bath prior to collection. 3. Collect sample, properly label, and return tube to the ice water bath. 4. Send to laboratory immediately for centrifugation. <p>The label for UACRAS orders will show a specimen type of SPECIFY to alert phlebotomy of the special collection requirements (see example on page 4).</p>



Technical Staff Update:

UACRAS samples must be centrifuged, separated, and the plasma returned to an ice water bath until testing can be performed. **Testing must be performed within 4 hours of collection.**

UACRAS has been added to the CCIS below Uric Acid. Other than the sample requirements, there are no differences between the assays.

Why is This Important?

At room temperature, rasburicase will continue to lower uric acid levels in plasma. By using pre-chilled tubes in an ice water bath, we inhibit the drug's activity and slow down this process. Failure to use pre-chilled tubes in an ice water bath may cause spuriously low uric acid results and affect treatment.

STOP Initiator:	Mike Boyer and Jackie Hobbins
ARMC Medical Director Signature/Date:	Quality Department will obtain signature: <i>Sara C. Rubino M.D. 4/7/17</i>
Greensboro/Reidsville Medical Director Signature:	Quality Department will obtain signature: <i>John Patrick, MD 4/7/17</i>