



UNC
HEALTH CARE

MEMORANDUM #107

TO: UNC Hospitals Attending Physicians, Housestaff, Nursing Coordinators,
Department Heads and Supervisors

FROM: Catherine Hammett-Stabler, PhD, Director, Core Laboratory
Robert Mills, MT (ASCP), Supervisor, Special Chemistry Laboratory *RM*
Herbert C. Whinna, MD, PhD; Director, McLendon Clinical Laboratories *H*

DATE: April 17, 2012

SUBJECT: **Introduction of Testing for Antifungal Drugs Voriconazole,
Posaconazole, and Fluconazole in Special Chemistry Lab**

The Core Laboratory announces the introduction of testing for the antifungal drugs voriconazole, posaconazole, and fluconazole. Testing will be performed in the Special Chemistry Section using liquid chromatography-tandem mass spectrometry (LC-MS/MS). Currently, this testing is sent to the Mayo Medical Laboratories (MML) in Rochester, MN.

Ordering Information:

Voriconazole: Test ID – **VORI** Test Number – **0298** CPT Code - **82419**

Fluconazole: Test ID – **FLUCO** Test Number – **0299** CPT Code - **82419**

Posaconazole: Test ID – **POSAC** Test Number – **0297** CPT Code – **82419**

Specimen Requirements: Each test requires 4mL of blood/Royal Blue Top Tube or 2.0 mL blood/red top microtainer.

Availability: Testing will be performed three times weekly. STAT testing is NOT available.

Reference Ranges:

Voriconazole: 1.0-5.5 mcg/mL

Fluconazole: 4.0-20.0 mcg/mL

Posaconazole: >700 ng/mL

For questions or more information regarding these test, please contact Dr. Hammett-Stabler or Robert Mills at 966-2361.