



UNC
HEALTH CARE

MEMORANDUM #106

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

FROM: Connie Bishop, MT(ASCP), Assistant Administrative Director, Core Laboratory *CB*
Herbert C. Whinna, MD, PhD; Director, McLendon Clinical Laboratories *HCC*

DATE: February 29, 2012

SUBJECT: Thromboelastograph (TEG) Testing.

Effective March 4, 2012, the Core Laboratory will introduce thromboelastograph (TEG) whole blood coagulation testing. This testing has been available for the Surgery Services since early February, but will be orderable house-wide. TEG has been demonstrated to reduce consumption of blood products during liver transplant and cardiothoracic surgeries as well as in cases of trauma. We are working with colleagues in both the Departments of Anesthesiology and Surgery who have experience with this testing in other institutions to effectively implement TEG at UNCH.

The following tests will be orderable in CPOE on March 4th, and A2K on March 8th.

Standard TEG	STEG
Standard TEG with Heparinase	STEGH
Rapid TEG	RTEG
Rapid TEG with Heparinase	RTEGH

An additional test, platelet mapping (PLTM), is under validation and will be available in the next few weeks.

To insure timely testing turnaround, the laboratory must be notified before samples are collected by calling 6-4030. Samples are collected in a sodium citrate (light blue top) tube. Draw and discard a red top tube before collecting the sodium citrate tube or flush the line with 7 milliliters of blood. Send immediately to the Core Laboratory/Blood Gas tube station #31.

Please call Connie Bishop in Core Laboratory at 966-2361/8457 or Dr. Whinna at 966-2318 for any questions.