

Date: June 25, 2007

To: **OB/GYN Providers**

From: Strong Health Maternal Serum Screening Program
Department of Pathology & Laboratory Medicine
Reproductive Genetics, Department of OB/GYN

Subject: **Changes in 1st Trimester and Quad Screen Reports**

In the next few days, you will notice a change in the report format for your patients' 1st Trimester Screening reports. 1st Trimester Screening reports will now be formatted in a layout similar to our University of Rochester Medical Center Quad Screen reports.

This change is concurrent with the University of Rochester Medical Center Maternal Screening Laboratory beginning 1st Trimester Screening as an "in-house" test. Completed results will be forwarded to your office, and will be automatically transferred to Strong CIS and AllScripts for quicker on-line availability.

At the same time, our Maternal Screening software will be adjusted to provide all risk calculations in terms of "risk at the time of screening". In the past our Quad Screen has reported the risk for Down syndrome or Trisomy 18 "at term" (the chance the child would be born with the condition).

Now, Down syndrome, Trisomy 18 and Spina bifida risks provided on Quad Screen reports will reflect the chance that the fetus, in the second trimester of pregnancy, has the condition. These risks are slightly higher than the previously used term risks, since there is some fetal loss during the late second and third trimester in affected pregnancies.

This change will NOT affect the 1st positive rate, the detection rate, or which patients have positive or negative results. Down syndrome and Trisomy 18 risks on 1st Trimester Screen reports will remain as they have in the past, reflecting the chance that the fetus, in the 1st Trimester of pregnancy, has Down syndrome or Trisomy 18.

Please call (585)275-3304 if you have any additional questions.

*University of Rochester Medical Center
Maternal Serum Screening Program*

