

## **Tufts University Body Composition Analysis Center** **DXA Protocol Amendment: QC Documentation**

All active study sites planning to submit DXA scans to Tufts for analysis will be required to submit scanner QC plots at regular intervals while participating in the study.

The original printouts of each site's Spine Phantom QC plots must be sent to Tufts on the first business day of every calendar month. Be sure to send all three printouts (BMD, BMC, and AREA). The date ranges on the plots should include the SIX months prior to study involvement and extend up to the present date. Each subsequent plot submission should start with the same date as the first month's submission. **Be sure to submit the completed QC CRF along with the three plots each month.**

The DXA Scan Technician at Tufts will review incoming QC plots to confirm that all densitometers are functioning within optimal factory parameters. In the event that the plots indicate a scanner problem, you will be contacted and asked to provide specific information about possible maintenance or repair work done during the time period in question. This will be documented and you will be advised if further action is needed.

Tufts will keep the most recent QC plot submissions from each site on file. At the end of the study, a summary of the QC data will be included in the phantom analysis report for Principle Investigator and Study Coordinator review. Specifically, we will provide an overall CV for all involved densitometers, summarize any major issues that may have occurred, and recommend data adjustment.

The QC Checklist and plots may be faxed to Andrea Desilets at: 617-636-3662.

**Or they may be mailed to the following address:**

Andrea Desilets, Senior Research Coordinator  
Tufts University  
Body Composition Analysis Center  
150 Harrison Ave  
Jaharis #212  
Boston, MA 02111