Body Composition Analysis

Investigators wishing to use the body composition data collected by DXA at three sites (Phoenix/Tucson, Birmingham and Pittsburgh) should be aware that the original images are being reprocessed with new software to provide more robust data. The final data set will provide an estimate of visceral adipose tissue (VAT) and subcutaneous adipose tissue (SAT) (N=11,020). Body composition analyses under this AS will compare all anthropometric data to total and regional fat and lean depots, including the new VAT and SAT sub-compartments. Thus, future manuscripts that only use the currently available DXA data will have greater scientific rigor if they make use of these upcoming body composition measures. Although investigators may continue to use the original DXA data for manuscripts and ancillary studies, investigators are encouraged to wait for release and sharing of the new data expected in 2020.

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