Circulating N-Acetylaspartate Levels Associate with Measures of Peripheral and Tissue-Specific Insulin Sensitivity

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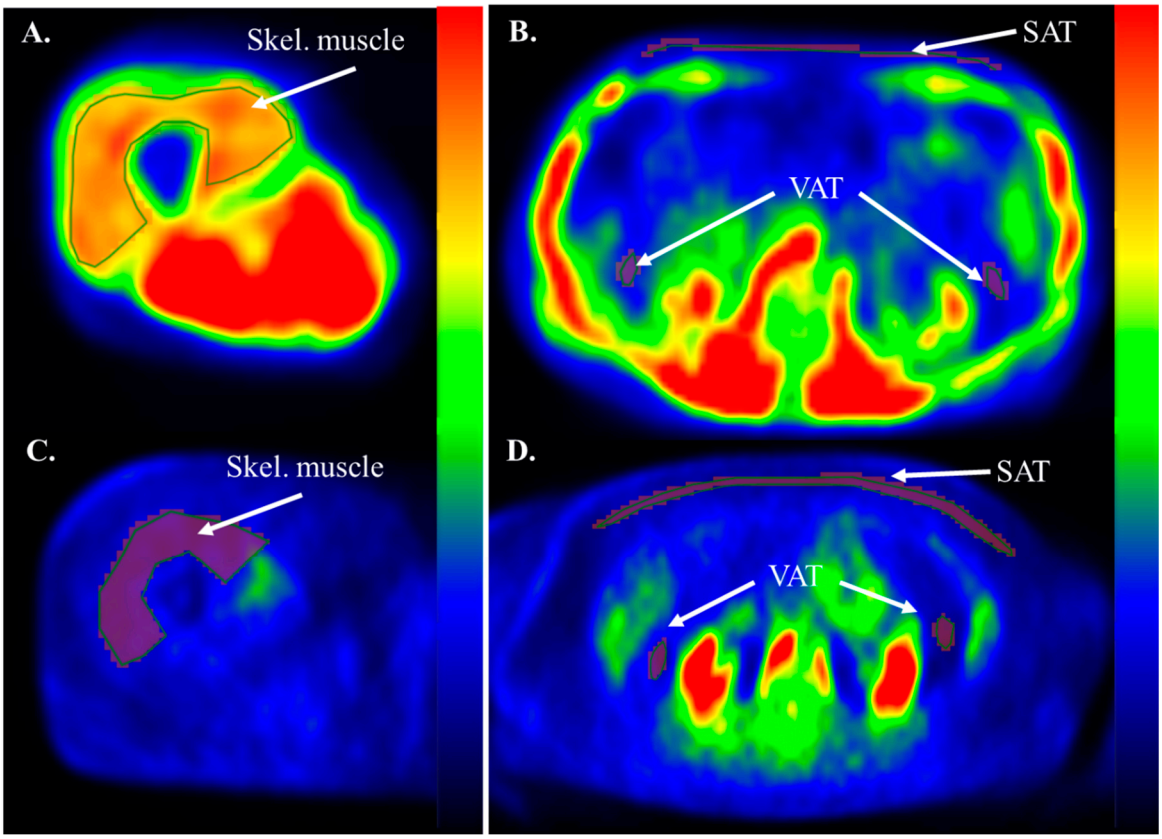
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SUPPLEMENTARY MATERIAL



Supplementary Figure S1 – Illustration of region-of-interest placement for assessing glucose uptake in skeletal muscle, visceral adipose tissue (VAT) and subcutaneous (SAT) in [^{18}F]FDG-PET studies in a patient with obesity (A-B) and in a healthy lean control (C-D).

Supplementary Table S1- Spearman rho between fasting NAA and ssNAA with parameters of interest after excluding patients with type 2 diabetes.

	Fasting NAA		**ssNAA**	
	Rho	*p* value	*Rho*	*p* value
BMI	-0.30*	0.05	-0.22	0.2
W/H	-0.37*	0.01	-0.49	0.002
M value	0.30	0.06	0.30	0.06
ssFFA	-0.44	0.005	-0.42	0.008
HDL cholesterol	0.46	0.002	0.58	0.0001
Adiponectin	0.30	0.09	0.51	0.004
Skel. muscle GU	0.48	0.008	0.50	0.005
VAT GU	0.23	0.2	0.39	0.04
SAT GU	0.17	0.4	0.21	0.3
Brain GU	-0.10	0.5	-0.12	0.5