Article title: Determination of cortisol cut-off limits and steroid dynamics in ACTH stimulation (Synacthen®) test: A comparative analysis using Roche Elecsys Cortisol II immunoassay and LC-MS/MS

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Online Resource 3. Univariate regression analysis for the associations between the body composition variables and the delta increase in P-cortisol post ACTH stimulation from 0-30, 30-60-, and 0-60 minutes.

	BMI	P	95% CI	WHR	P	95% CI	ABD	P	95% CI	TFM	P	95% CI
0 to 30 min												
LC-MS/MS												
Men	-	-	-	421 (355)	0.24	-299-1140	-	-	-	-	-	-
Women	-	-	-	535 (214)	0.02	103-967	0.033 (0.007)	0.0002	0.018-0.048	0.0058 (0.002)	0.002	0.002-0.009
0 to 60 min												
LC-MS/MS												
Men	-	-	-	-	-	-	-	-	-	-	-	-
Women	-	-	-	784 (223)	0.002	335-1233	0.025 (0.009)	0.01	0.0055-0.044	0.004 (0.002)	0.04	0.0002-0.0085

Online Resource 3. This table shows the estimate, P-value, and 95% confidence interval for each body composition factor that correlated with cortisol in Online Resource 1. The fields marked with hyphens indicate factors that did not correlate with delta increase in P-cortisol. The significant correlations suggest a notable association when examining the increase in cortisol through univariate regression analysis, particularly evident in women and not in men.