

SUPPLEMENTAL DATA

Ahmed et al: Hormones and insulin sensitivity

Hormonal predictors of the insulin sensitive phenotype in humans

**Mohamed Badie Ahmed^{1,2}, Abdella M. Habib³, Saif Badran⁴, Abeer Alsherawi^{2,5}, Sherouk
Essam Elnefaily⁶, Mansour Binfayed², Atalla Hammouda², Graeme E. Glass⁷, Ibrahim
Abdalhakam⁸, Humam Emad Rajha⁵, Abdul-Badi Abou-Samra⁸, and Suhail A. Doi^{1*}**

¹Department of Population Medicine, College of Medicine, QU Health, Qatar University, Doha, Qatar

²Plastic Surgery Department, Hamad General Hospital, Hamad Medical Corporation, Doha, Qatar

³Department of Basic Medical Sciences, College of Medicine, QU Health, Qatar University, Doha, Qatar

⁴Division of Plastic & Reconstructive Surgery, Washington University School of Medicine, Saint Louis, MO, USA

⁵College of Medicine, QU Health, Qatar University, Doha, Qatar

⁶Faculty of Pharmacy, Cyprus International University, Nicosia, North Cyprus

⁷Division of Craniofacial Surgery, Department of Plastic Surgery, Great Ormond Street Hospital for Children NHS Foundation Trust, London, UK

⁸Qatar Metabolic Institute, Academic Health System, Hamad Medical Corporation, Doha, Qatar.

*Correspondence to Suhail A. Doi: sardoi@gmx.net; sdoi@qu.edu.qa

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Table S1. Baseline characteristics of participants per visit.

Factor	Baseline at visit 1 [median (IQR)]	Visit 2 [median (IQR)]	Visit 3 [median (IQR)]	<i>p</i>-value
N	34	22	27	
Gender				
F	27 (79.4%)	16 (72.7%)	22 (81.5%)	0.75
M	7 (20.6%)	6 (27.3%)	5 (18.5%)	
Age	41.5 (37, 47)	35.5 (34, 37)	43 (37, 49)	0.44
BMI	31.6 (26, 33.2)	30.2 (28.4, 33.3)	30.8 (27.2, 33)	0.85
Fat %	37.1 (32.2, 41.9)	34.1 (32, 36)	34.9 (30.9, 39.3)	0.14
HOMA-S%	73.4 (61.2, 82)	67.3 (53.9, 85.3)	66.0 (57.7, 84.9)	0.89
Hx of Bariatric surgery				
None	16 (47.1%)	11 (50.0%)	17 (63.0%)	0.38
Gastric Bypass	6 (17.6%)	1 (4.5%)	2 (7.4%)	
Sleeve Gastrectomy	12 (35.3%)	10 (45.5%)	8 (29.6%)	
Leptin (µg/L)	9.4 (6.2, 18.6)	7.7 (5, 14.9)	11.2 (8.1, 18.1)	0.32
Spexin (pg/ml)	244.3 (144.6, 457.8)	266.1 (134.3, 469.1)	280.9 (141.8, 374.3)	0.95
GLP1 (pg/ml)	169.8 (99.2, 329.4)	298.7 (179.2, 539.9)	123.3 (103, 180.5)	< 0.001
GIP (pg/ml)	89 (32.7, 186.5)	194.8 (136.7, 229.1)	37.2 (27.1, 56.1)	< 0.001
PP (pg/ml)	88 (50, 144.3)	140.3 (56.7, 253.5)	62 (36.6, 99.7)	0.02
LEAP2 (ng/ml)	4.4 (0.9, 11.7)	11.6 (10.4, 14.2)	0.8 (0.7, 1.2)	< 0.001
Amylin (pg/ml)	10.1 (0.0, 22.4)	17.8 (9.2, 36)	10.1 (6.6, 13.1)	0.03