Supplementary Figure 5. Forest plots of meta-analysis for change in FSH.

supplemental y	U				u-anary sis	Tor change in i		
	After CPAP		Baseline		Mean Difference		Mean Difference	
Study or Subgroup	Mean	SD	Mean	SD	Weight	IV, Random, 95% CI	IV, Random, 95% CI	
5.1.1 Hypogonadism	at baselir	ne						
Li, 2016	11.6	3.4	4.8	2.1	25.8%	6.80 [5.42, 8.18]	-	
Macrea, 2010	6.9 3	3.4785	6.2	3.4785	22.3%	0.70 [-2.35, 3.75]		
Subtotal (95% CI)					48.1%	3.91 [-2.06, 9.88]		
Heterogeneity: Tau ² =	17.15; Ch	i² = 12.75,	df = 1 (P = 0	0.0004); I ² =	92%			
Test for overall effect:	Z = 1.28 (P = 0.20)						
5.1.2 Eugonadism at	baseline							
Meston, 2003	6.61	3.64	6.53	4.2	25.6%	0.08 [-1.43, 1.59]		
Zhang, 2016	5.43	2.38	5.26	2.6	26.3%	0.17 [-0.78, 1.12]	+	
Subtotal (95% CI)					51.9%	0.14 [-0.66, 0.95]	*	
Heterogeneity: Tau ² =	0.00; Chi2	r = 0.01, df	= 1 (P = 0.9)	(2); $I^2 = 0\%$				
Test for overall effect:	Z = 0.35 (P = 0.72)		,				
Total (95% CI)					100.0%	1.97 [-1.54, 5.48]		
, ,	44.04.05	3 - 66 00	45 - 2 /2 - 4	0.000043-12		1.57 [-1.54, 5.40]		
Heterogeneity: Tau ² =			ai = 3 (P < 0	0.00001); 1-	= 90%		-10 -5 0 5 10	
Test for overall effect:		,					Favours decrease Favours increase	
Test for subgroup diffe	rences: C	$\ln^2 = 1.50$.	dt = 1 (P = 0)	0.22), $P = 3$	3.3%			