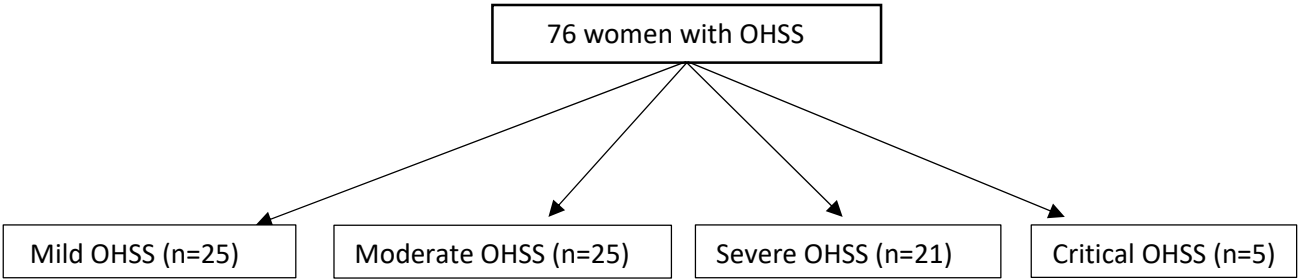


Participant Flow



Outcome Measures

Table S1. Distribution of blood test results among severity classes of ovarian hyperstimulation syndrome.

Indicator	The severity of ovarian hyperstimulation syndrome				P value
	Mild (n = 25)	Moderate (n = 25)	Severe (n = 21)	Critic (n = 5)	
Hematocrit, %	37.0 [34.2 – 39.0]	42.0 [41.0 – 43.6]	49.4 [46.4 – 53.2]	56.1 [55.9 – 57.2]	$p<0.001$
White blood cell /ml	8 700 [6 700 – 11 800]	12 100 [10 900–13 900]	19 000 [15 200–23 900]	26 000 [25 800 – 26 300]	$p<0.001$
Platelets, ml/ ³	247 [181 – 294]	192 [169 – 283]	320 [262 – 369]	396 [380 – 420]	$p<0.001$
Glucose, mmol/L	4.9 [4.1 – 5.2]	4.7 [4.1 – 5.2]	4.6 [3.9 – 5.2]	7.9 [7.2 – 8.1]	$p<0.005$
Albumin, g/L	41.3 [38.9 – 44.0]	37.5 [35.0 – 40.0]	30.6 [27.6 – 34.6]	21.4 [20.3 – 23.6]	$p<0.001$
Urea, mmol/L	4.3 [3.2 – 5.1]	5.2 [4.3 – 6.9]	6.4 [5.7 – 7.1]	7.8 [7.8 – 8.1]	$p<0.001$
Creatinine, mmol/L	78 [67 – 84]	72 [69 – 81]	84 [78 – 92]	134 [127 – 137]	$p<0.001$
Total bilirubin, mmol/L	11.7 [9.3 – 16.3]	12.7 [10.4 – 16.2]	15.2 [12.7 – 19.0]	19.4 [19.3 – 20.5]	$p<0.001$
Aspartate aminotransferase, U/L	21 [13 – 29]	26 [17 – 32]	44 [38 – 48]	61 [59 – 68]	$p<0.001$
Alanine aminotransferase, U/L	19 [14 – 24]	19 [15 – 25]	29 [26 – 34]	44 [43 – 49]	$p<0.001$
Potassium, mmol/L	4.1 [3.7 – 4.8]	4.3 [3.8 – 4.8]	5.0 [4.8 – 5.3]	5.3 [4.9 – 5.5]	$p<0.001$
Sodium, mmol/L	140 [137 – 143]	137 [136 – 140]	135 [134 – 141]	132 [131 – 133]	$p<0.001$
Fibrinogen, g/L	3.4 [2.8 – 3.9]	3.8 [3.2 – 4.2]	5.7 [4.9 – 6.3]	7.0 [6.7 – 7.1]	$p<0.001$

Data are presented as median [interquartile range]
Differences between groups were assessed with Kruskal-Wallis test

Table S2. Ovarian volume, ascites index and intra-abdominal pressure versus clinical severity of ovarian hyperstimulation syndrome

Indicator	The severity of ovarian hyperstimulation syndrome				P value
	Mild (n = 25)	Moderate (n = 25)	Severe (n = 21)	Critical (n = 5)	
Ovarian volumes, ml	307 [132 – 392]	500 [441 – 561]	578 [533 – 611]	600 [487 – 704]	$p<0.001$
Ascites index, mm		197 [140 – 235]	285 [276 – 312]	320 [310 – 346]	$p<0.001$
Intra-abdominal pressure, mmHg	4.0 [3.0 – 6.5]	12.0 [11.0 – 13.0]	16.0 [14.5 – 18.0]	25.0 [24.0 – 27.0]	$p<0.001$

Data are presented as median [interquartile range]
Differences between groups were assessed with Kruskal-Wallis test

There were no adverse events associated with this trial