

Serum sodium (Na):

Serum sodium was significantly elevated in the preeclamptics (G1 & G2) with respect to their controls (G3 & G4) [$P < 0.001$ for the second trimester groups, < 0.05 for the third trimester groups]. Moreover, serum sodium was significantly increased in the third trimester healthy pregnant group G4 when compared with the second trimester pregnant group G3 [$P = 0.01$], but serum sodium was insignificantly decreased in the third trimester preeclamptic group (G2) when compared with the second trimester preeclamptic group G1 [$P = 0.1$] as in Table 2.

Urinary excretion of sodium expressed as sodium: creatinine ratio was significantly reduced in preeclamptics G1 and G2 when compared to corresponding controls

G3 and G4. This reduction was also seen when second trimester pregnant in G3 was compared with third trimester pregnant in G4; however, the reduction in sodium excretion in third trimester preeclamptics G2 did not reach to a statistically significant level when compared with second trimester preeclamptics G1 as in Table 2.

Correlation between urinary sodium and serum NO:

A significant positive correlation between urinary sodium and serum NO level was noticed in different studied groups: in preeclamptics G1 and G2 ($r=0.8$, $P < 0.001$; $r=0.8$, $P < 0.001$) respectively and in pregnant control groups G3, and G4 ($r=0.8$, $P < 0.001$; $r=0.8$, $P < 0.001$) respectively as in Figures 1, 2, 3, and 4.

Table 1: The mean NO concentration (expressed as nitrite) and the mean NOS activity (expressed as nitrite formed per g protein per minute) in sera of different preeclamptic and control pregnant groups (presented as mean \pm SD).

Variable	G1	G2	G3	G4
Nitric oxide (μmol)	6 ± 0.9	4.1 ± 2.4	8.1 ± 3	8.8 ± 3.3
NOS ($\mu\text{mol/g/min}$)	0.08 ± 0.01	0.06 ± 0.03	0.1 ± 0.04	0.11 ± 0.04

Table 2: The mean sodium values in serum and urine (expressed as urinary sodium per creatinine) of different preeclamptic and pregnant control groups (presented as mean \pm SD).

Variable	G1	G2	G3	G4
Serum sodium (mmol/L)	140.9 ± 2.3	139.9 ± 2.3	136.5 ± 1.6	138.3 ± 3.6
Urinary sodium : creatinine	12.6 ± 6.9	11.2 ± 8.5	38.3 ± 9.4	47.7 ± 15.1

G1 & G2: Preeclamptics in the second & third semesters,

G3 & G4: normal pregnant in the second & third semesters.