

Deep breathing test and standing up test are used to evaluate the integrity of autonomic nervous system. Cardiovascular reflexes were studied in 25 pregnant women in comparison with 20 non pregnant women. This study showed that pregnancy altered the HR response in deep breathing. In deep breathing test HR variability (mean heart rate range) and E/I ratio decreased in pregnancy. Systolic and diastolic blood pressure increased after standing up in pregnant women, So this study conclude that parasympathetic responsiveness decreased during pregnancy and sympathetic activity increase.