

## ABSTRACT

**AIM:** To know if spot protein creatinine ratio would provide accurate quantification of proteinuria compared with 24 hour urine protein excretion in women with preeclampsia.

**METHODS:** Spot urine protein creatinine ratio was determined in midstream urine sample and 24 hours protein excretion was measured on the subsequent day and were correlated and diagnostic cut off value was determined.

**RESULT:** A strong correlation was observed from  $r=0.469$  with  $p<0.001$ . Optimal cut-off value was 0.30 with 95.7% sensitivity and 90.5% specificity.

**CONCLUSION:** Spot urine P/C ratio may be a quick, convenient and accurate diagnostic test of significant proteinuria in preeclamptic patients.

**Key words:** proteinuria, protein/creatinine ratio, 24 hour urine protein, preeclampsia