

“ Role of serum LDH in Preeclampsia ”



Research question

Is High serum LDH(lactate dehydrogenase) in preeclampsia associated with adverse maternal and fetal outcome?

Objective:

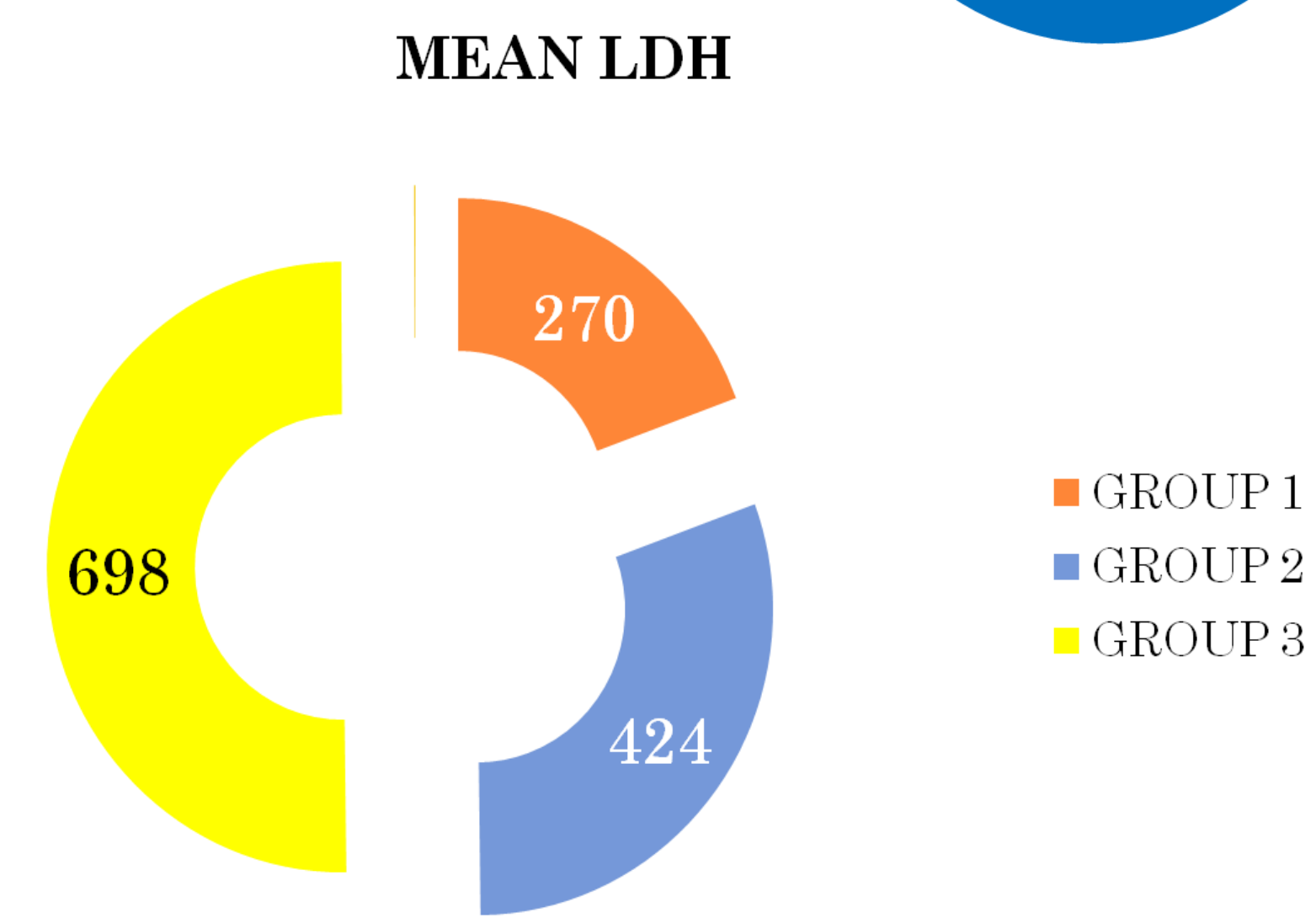
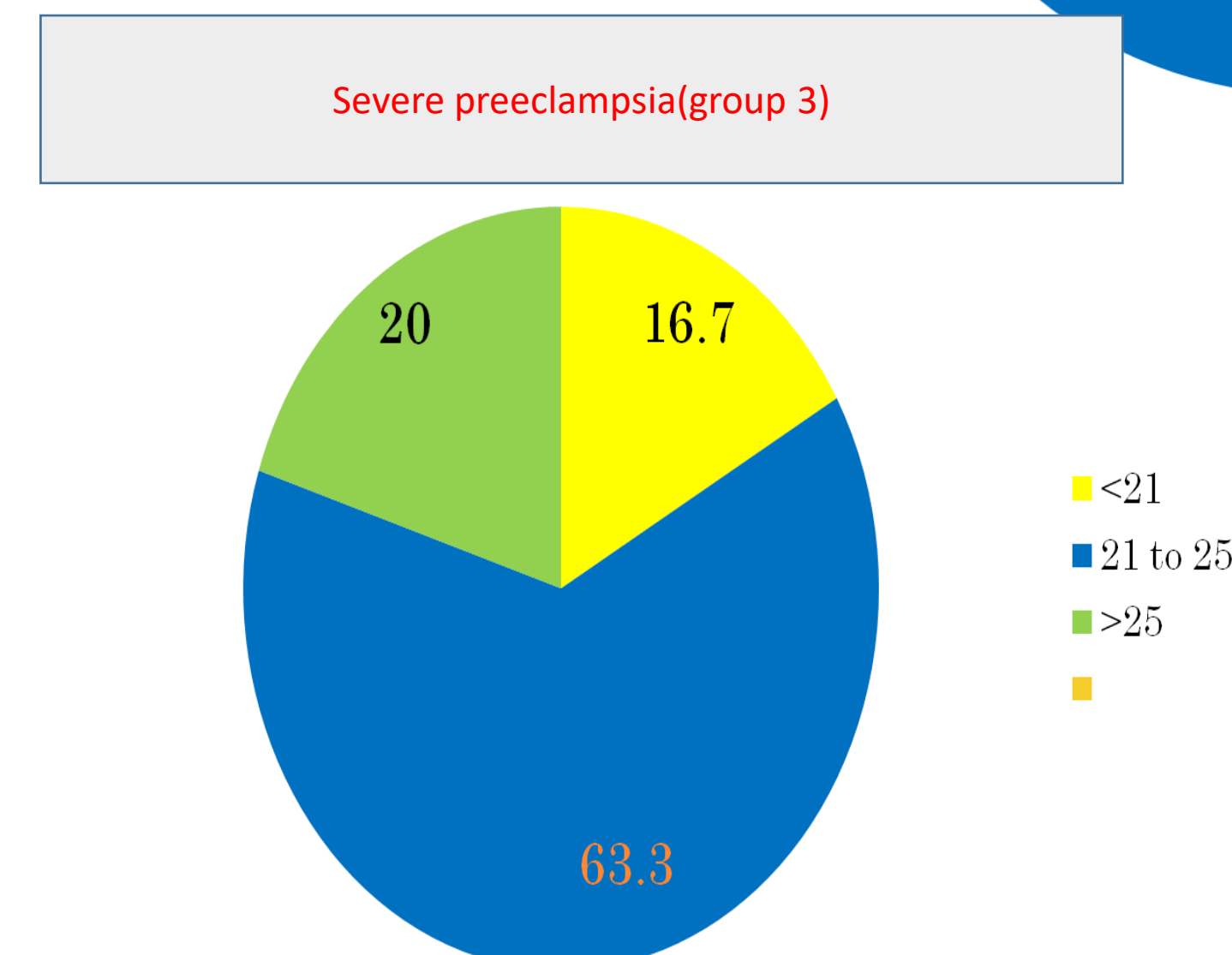
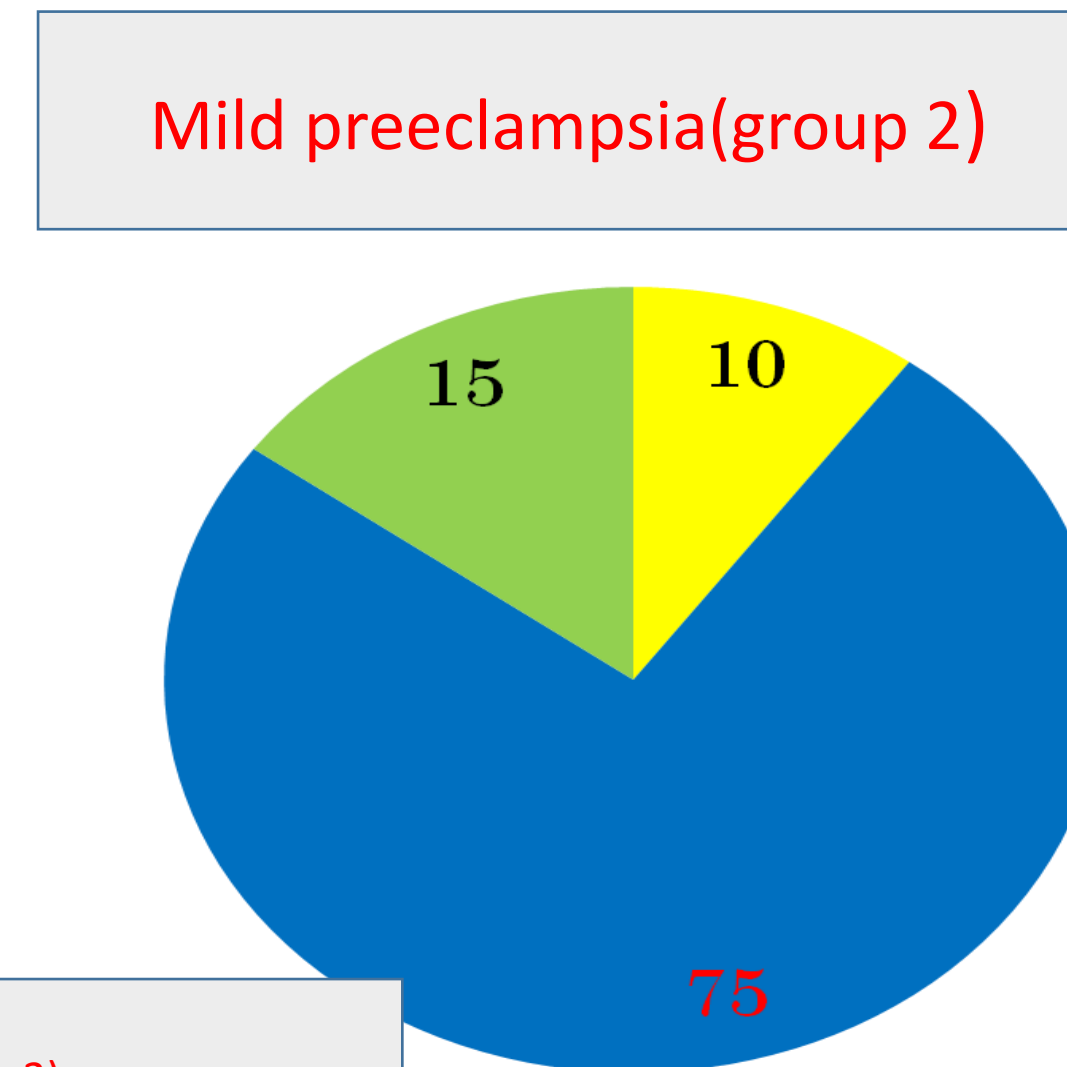
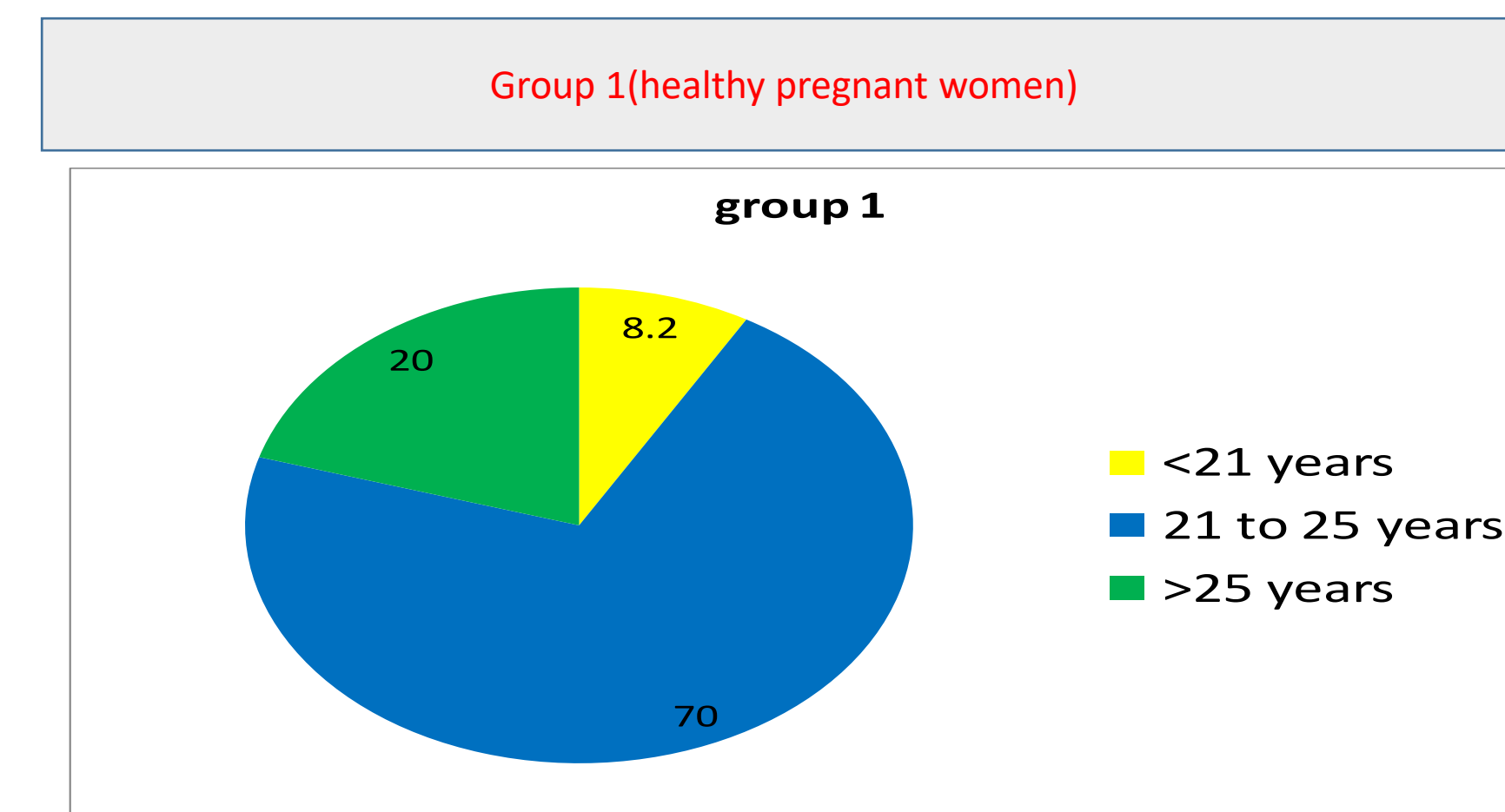
To study the correlation of maternal and fetal outcomes with serum LDH level in preeclampsia.

Methodology

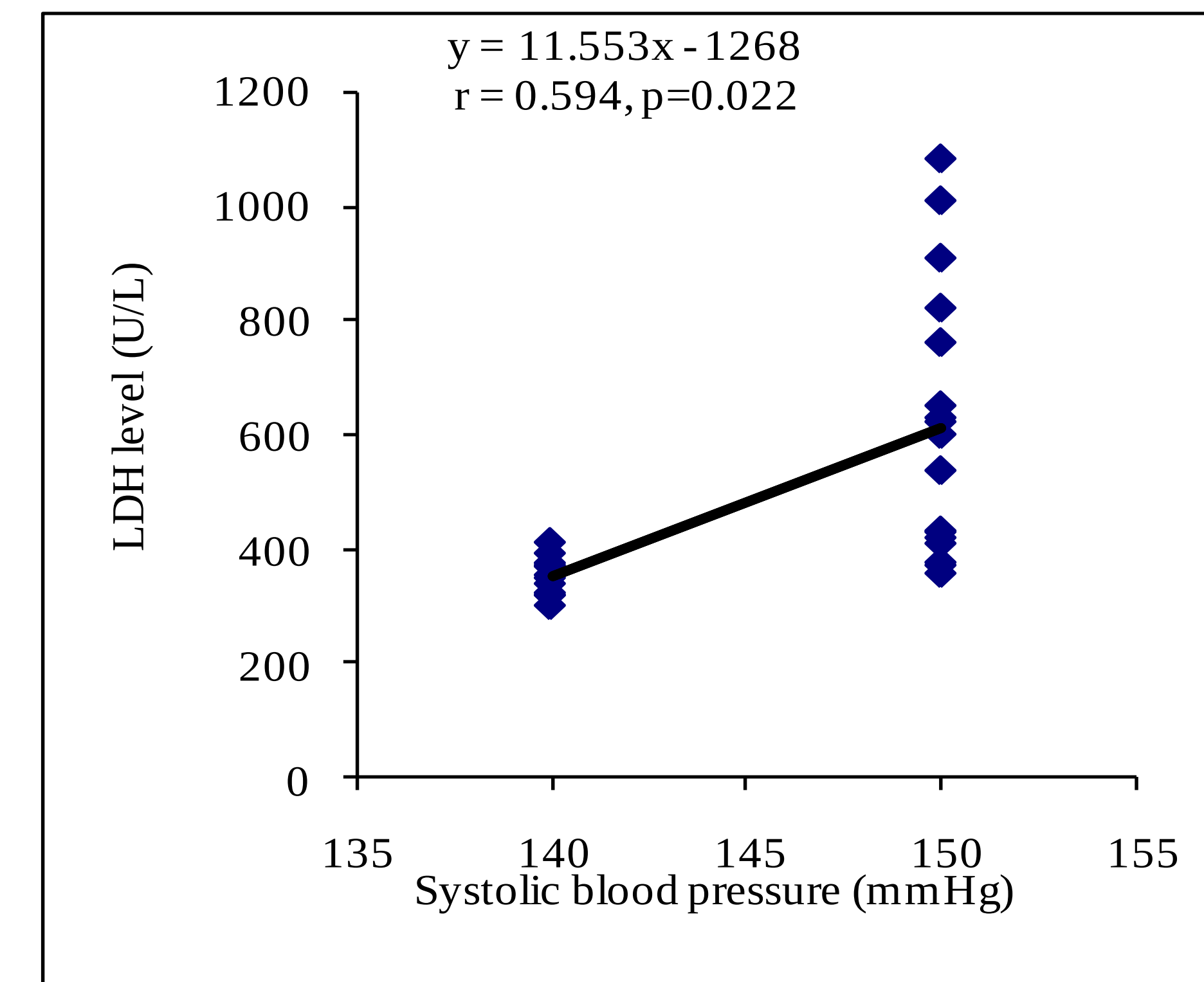
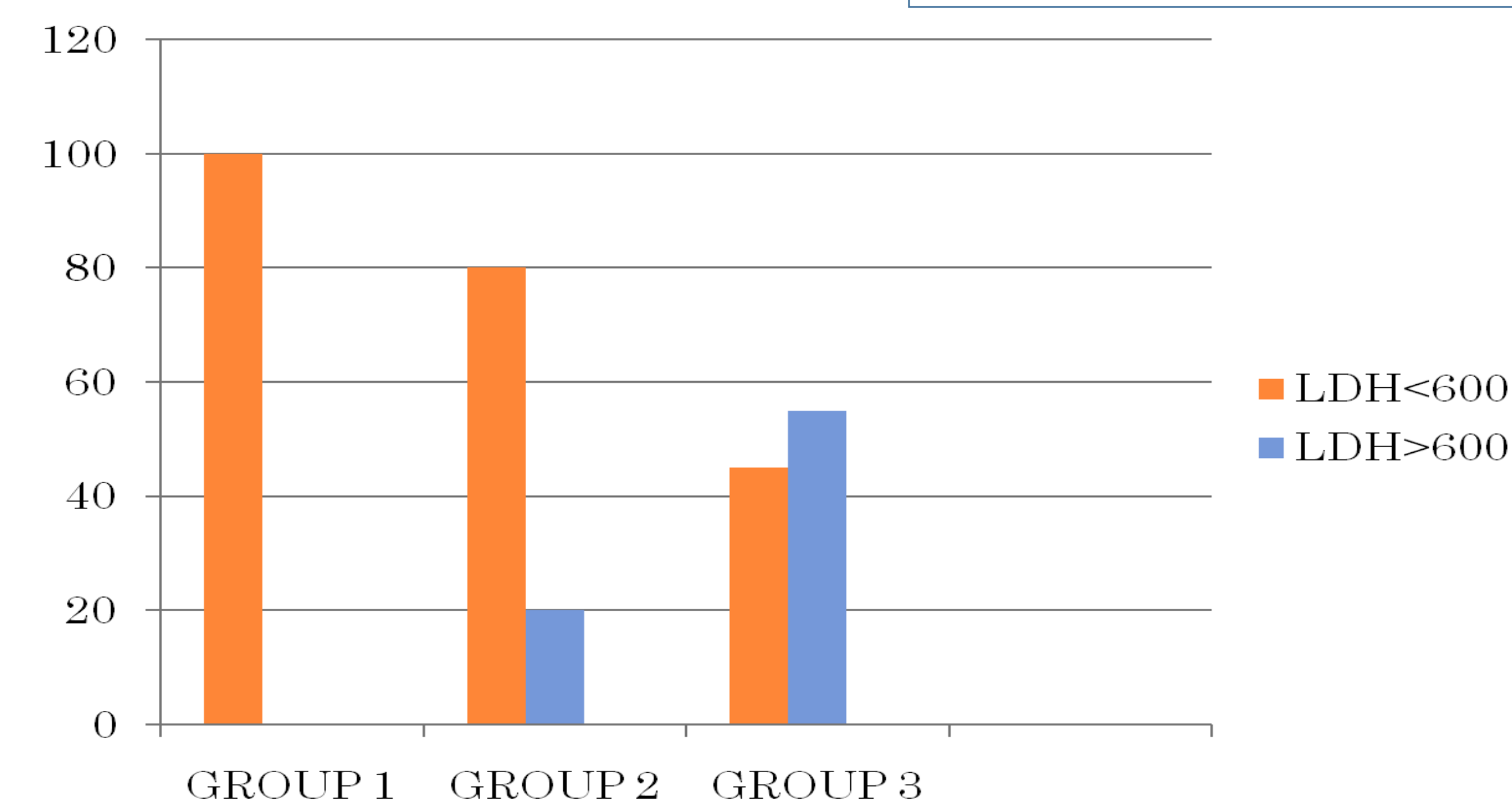
Study Design:
It was a case control study

Study place:
Departments of Obs & Gynae, Chittagong Medical College Hospital (CMCH), Chittagong.

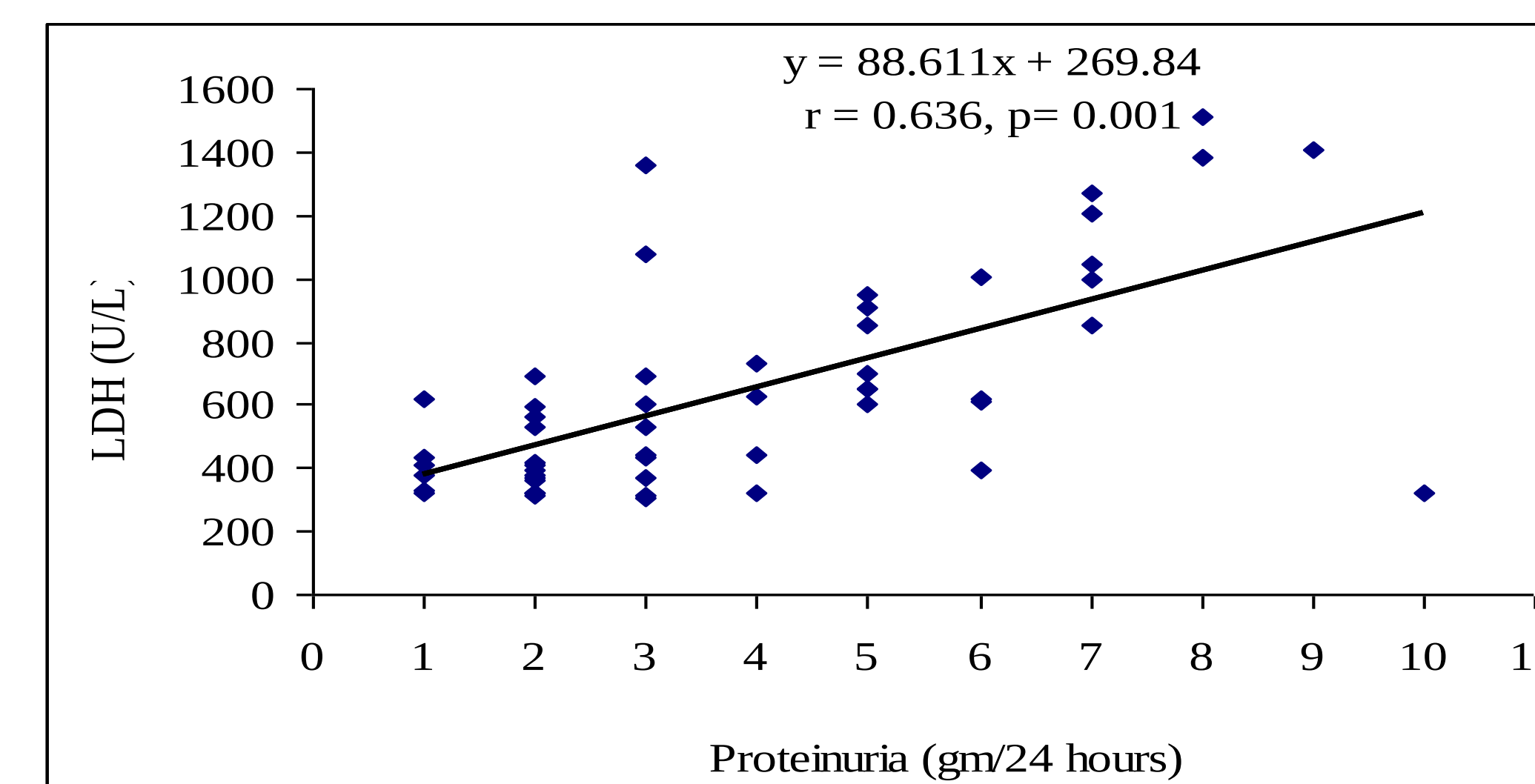
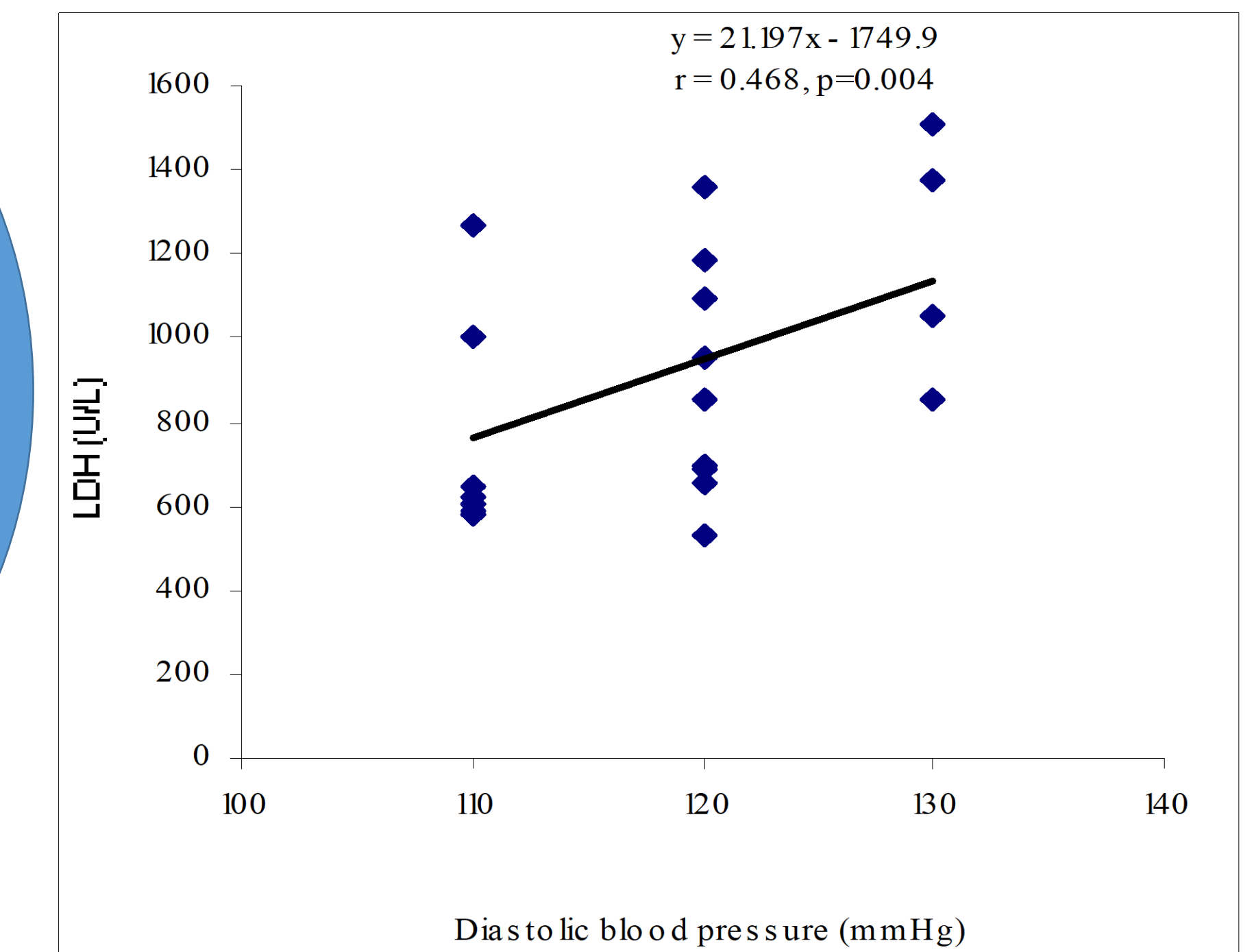
Study period:
Six months (April 2016 to September 2016)



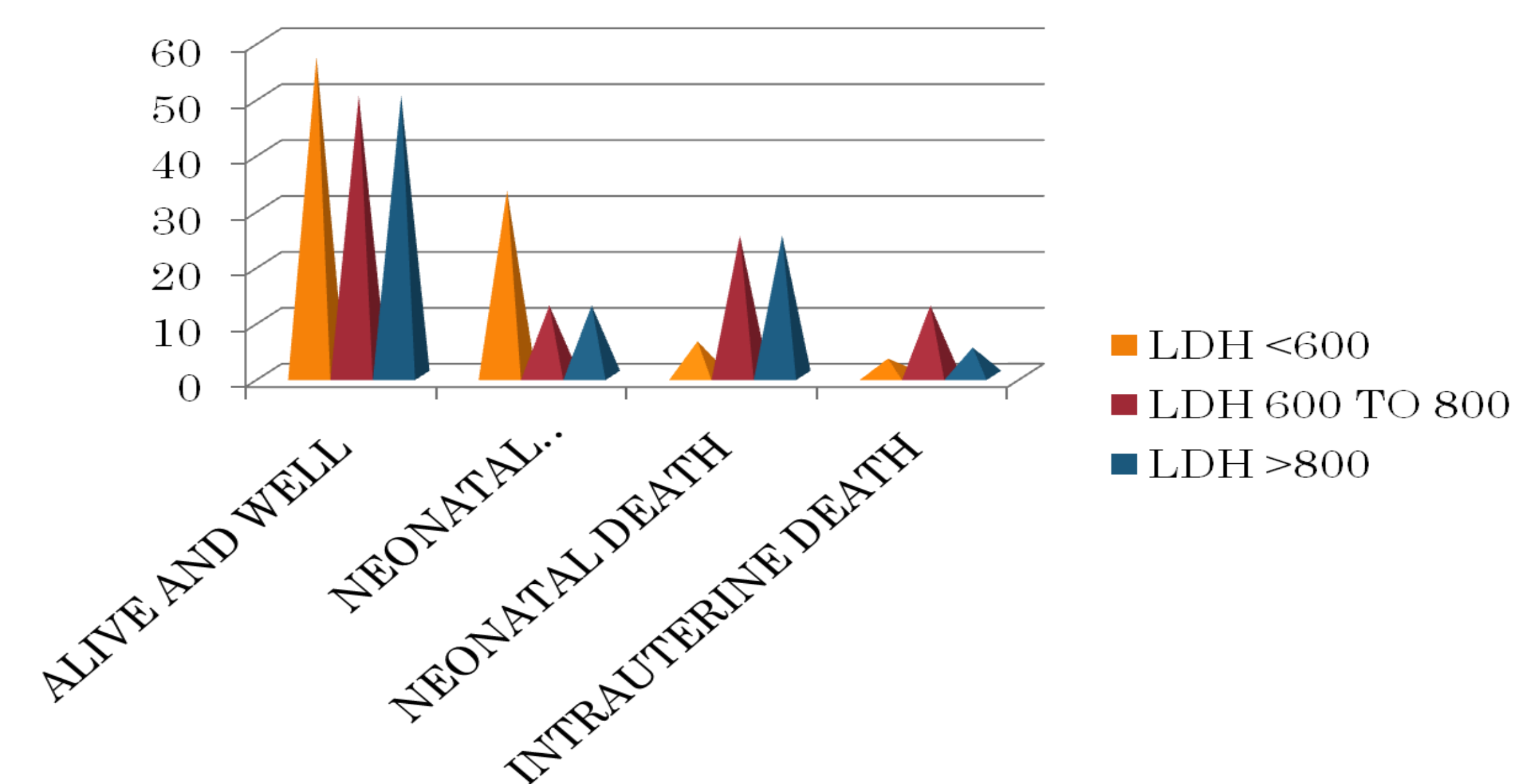
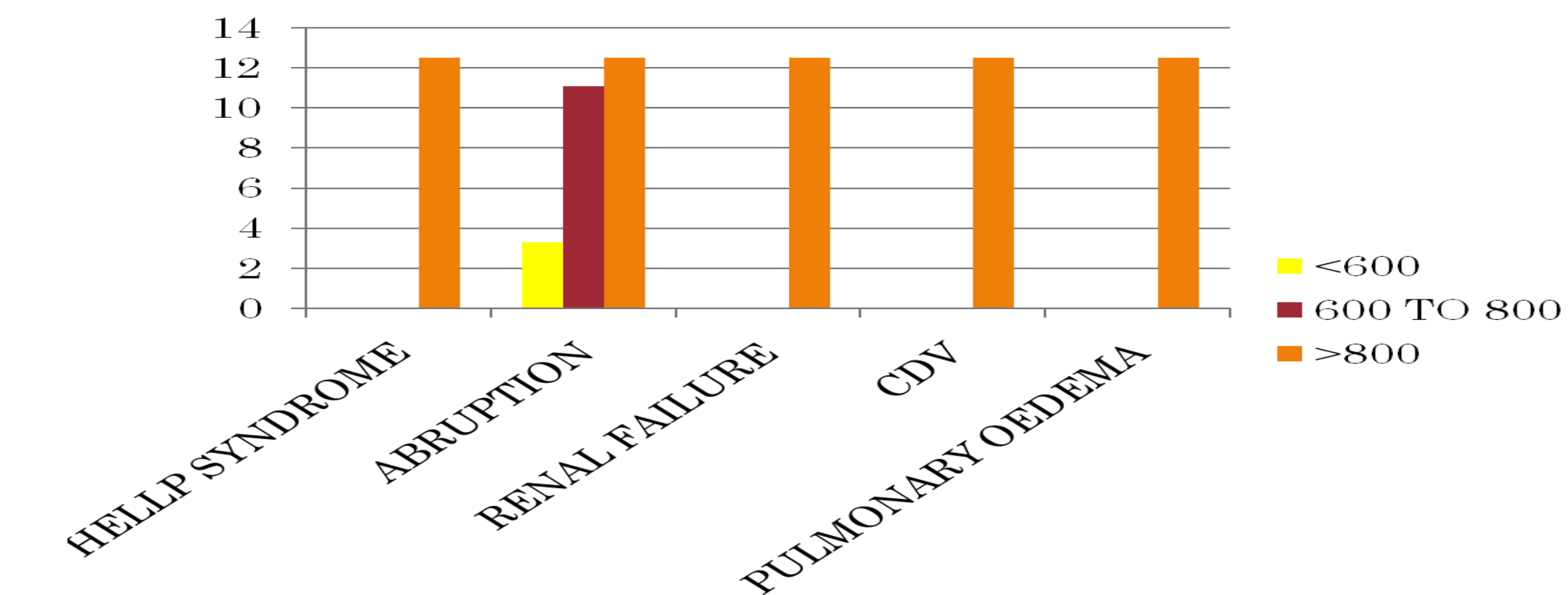
Difference in LDH value was statistically significant among three groups.....



Significant positive correlation ($r = 0.468$; $p = 0.004$) in severe preeclampsia



significant positive correlation ($r = 0.636$, $p = 0.001$) between proteinuria and LDH level



conclusion

High serum LDH levels have significant association with severity of disease and maternal and fetal outcomes in patients of preeclampsia and can be considered as a supportive prognostic tool for management of preeclampsia.