

Effect Of Pediatric Home Care Service on patients with parenteral nutrition:
Evidenced as reducing *CLABSI, cost effectiveness and increased patient satisfaction.

Problem: Parenteral nutrition is a method of intravenous delivery of fluid and nutrients through central venous line which needs Prolonged Hospitalization, Decreased quality of life, High cost, High rate of health care associated infections specially CLABSI

Aim: To improve physical development, To enhance quality of life, To ensure early and safe discharge of patients from hospital, To involve family/community in continuity of care.

Intervention:

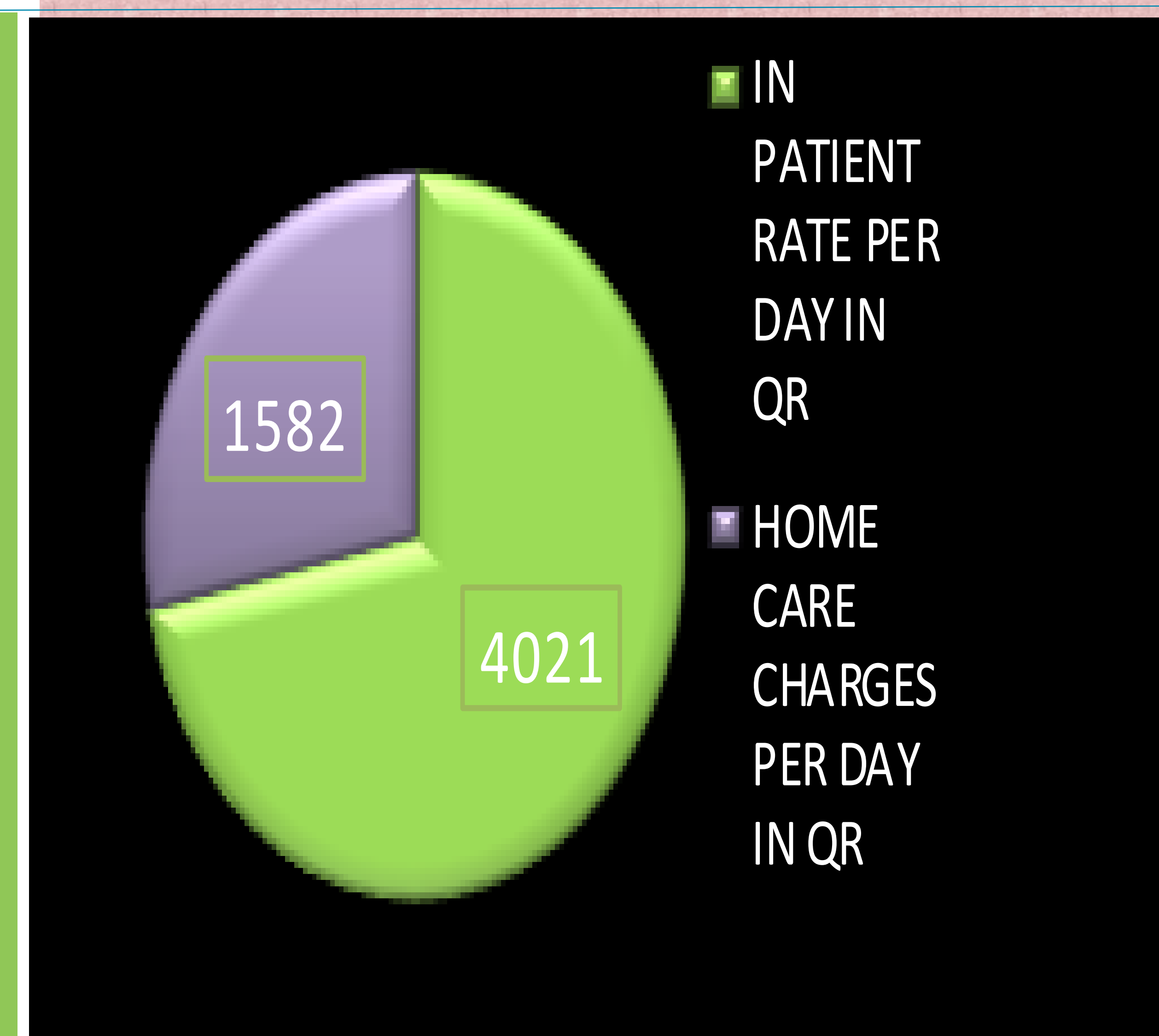
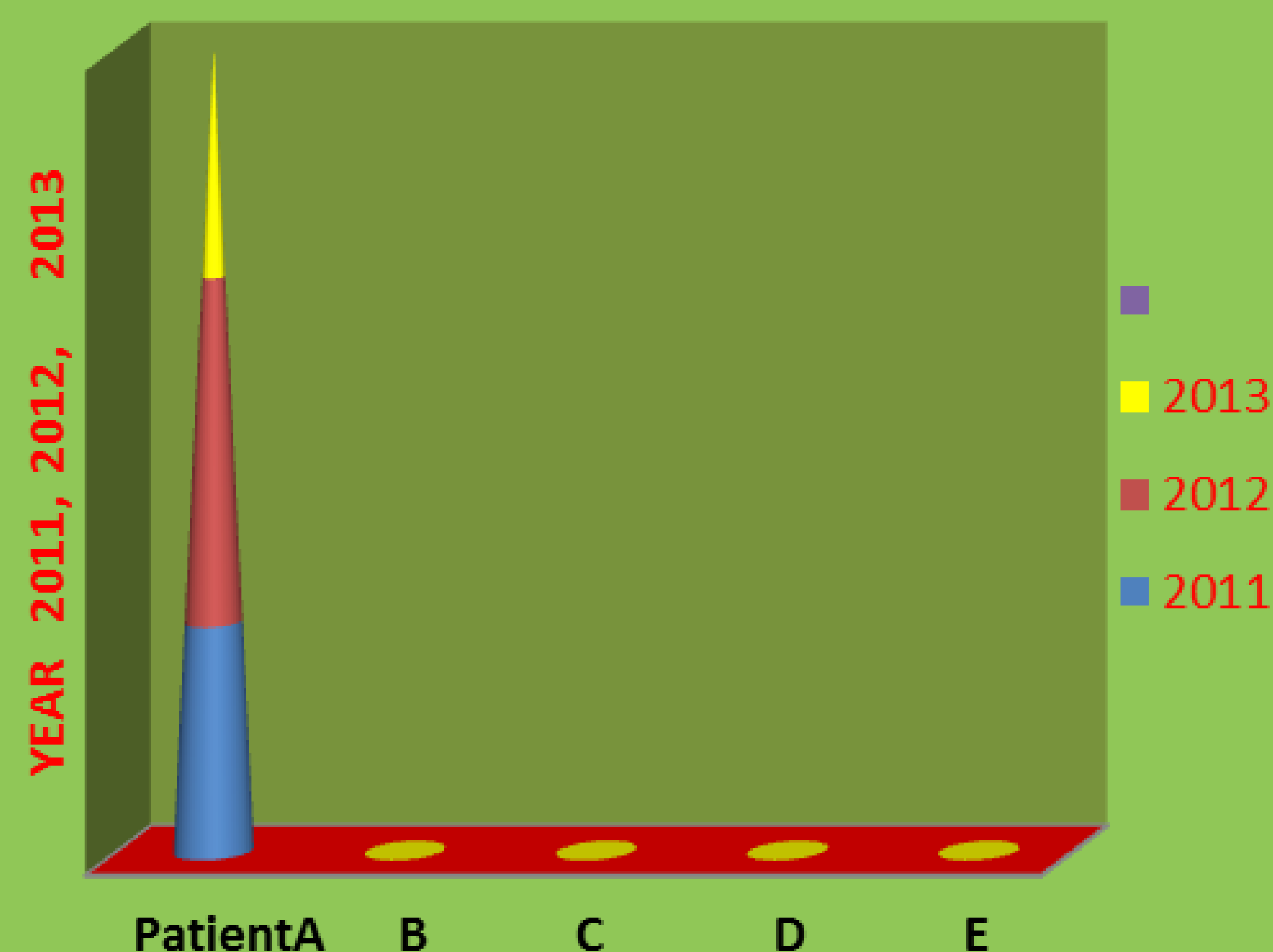
- ❖ Assessment and reassessment of patient by Paediatric nurses at home
- ❖ Effective patient family teaching from GI Subspecialty Nurse
- ❖ Up skilling of Paediatric Nurses in GI Specific cases and procedures.
- ❖ Multidisciplinary case conferences and family meeting

RESULTS: The central line associated blood stream infections became zero in four patients out of five and the CLABSI rate decreased to one time only in the other patient. The cost effectiveness shows a total saving of QR/-3439 per day to HGH. The satisfaction survey conducted among patients who receiving Home parenteral therapy evidenced that patients are fully satisfied but requested to deliver the TPN bag at home from Pharmacy by hospital transport and it will be in our plan.

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CLABSI RATE OVER 3 YEARS



Conclusion: Central line associated infection are decreased, readmissions are reduced and it is cost effective. Patients are more socially involved like schooling and religious study. Parents are more satisfied and get more time with other siblings and working mothers can continue their job.

Next steps: To continue proper assessment and reassessment of patients with Home parenteral nutrition and to actively participate in early weaning programme from HPN

***CLABSI-CENTRAL LINE ASSOCIATED BLOOD STREAM INFECTION**