



A Paediatric Clinical Pharmacy Experience : Aseptic Dispensing Services Improve Patient Safety in Neonate Intensive Care Unit at Cipto Mangunkusumo Hospital

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Background

- Most of patients in NICU receive medication by parenteral route
- Particle contamination has been founded in medication and fluid parenteral preparation
- Nosocomial infection increase
- Patient mortality increase
- Patient safety

Objective

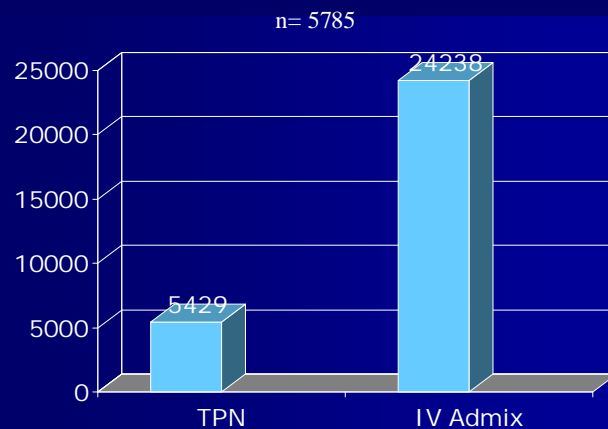
- To describe aseptic dispensing services by paediatric clinical pharmacist improve patient safety in Neonate Intensive Care Unit

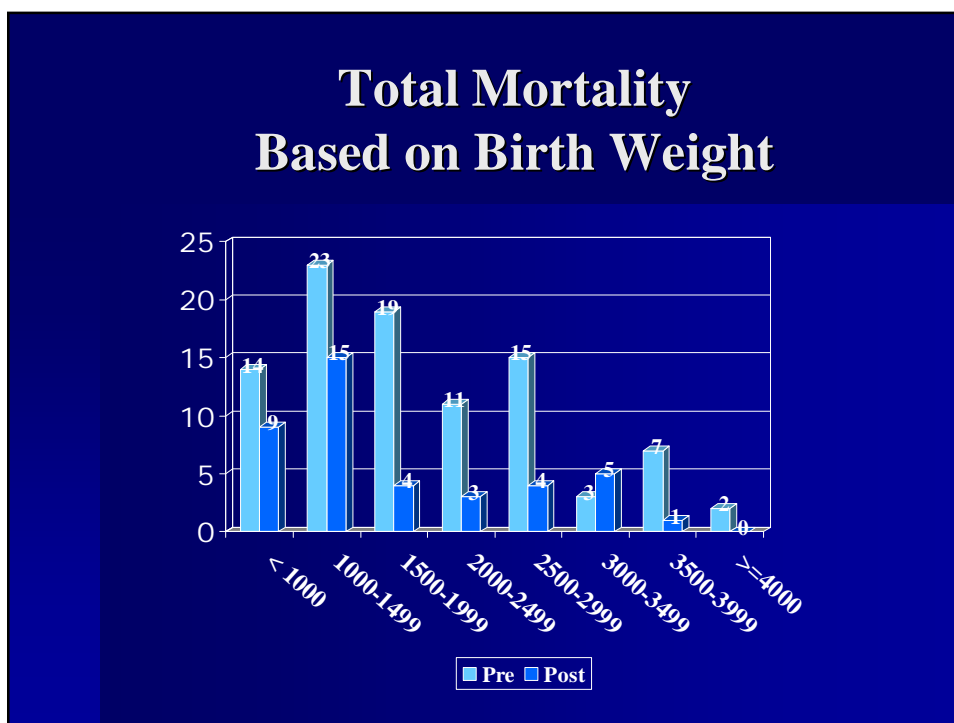
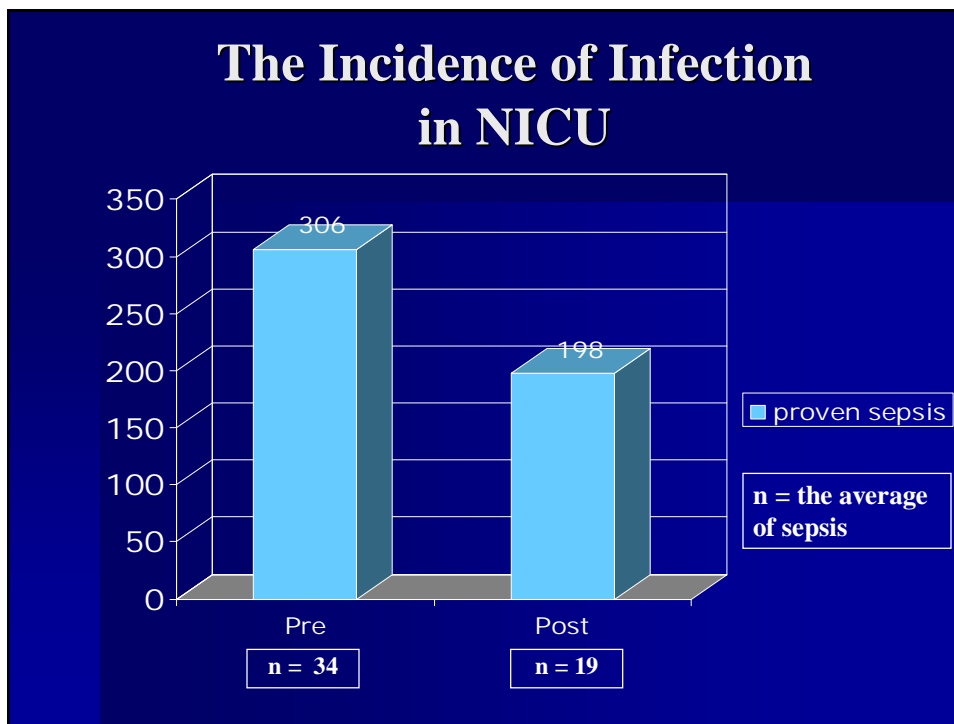
Methods

- Study location : Paediatric Pharmacy Satellite
- Paediatric Clinical Pharmacist assess the impact of aseptic dispensing services for a year
- The data were collected :
 - * Number of patients with IV fluids
 - * Number of preparations
 - * Number of infection incidents (pre and post)
 - * Number of mortality
 - * Average of workload perday
- The Data were compared pre and post aseptic dispensing services available

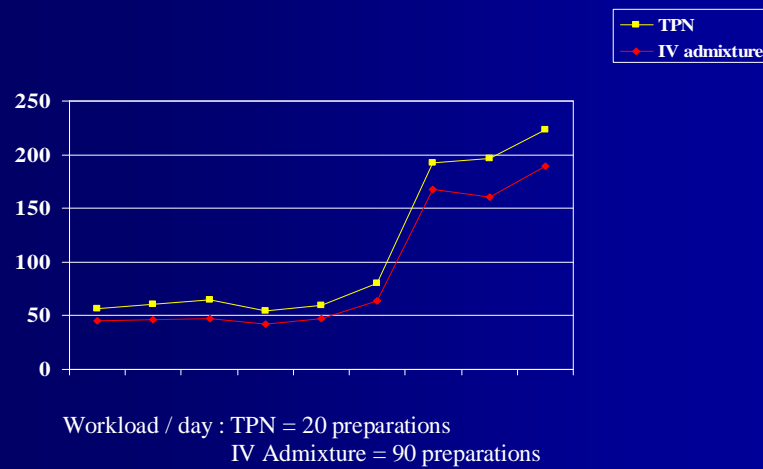
RESULTS

The Preparation of Aseptic Dispensing Services





The Workload of Aseptic Dispensing Services



Conclusion

- Clinical Pharmacist involving in Aseptic Dispensing Services decrease the incidence of infection, mortality and improve patient safety in Neonate Intensive Care Unit at Cipto Mangunkusumo Hospital

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