

## **INSPIRED**

(Indian Network of Specialist Pediatric Intensivists for Research Education and Data)

### **Background**

India is a vast country with huge population, limited resources and a very high disease burden, especially in children. Unfortunately very little data has been kept regarding the types of diseases treated in these PICUs, their seasonal variations and geographical distribution and the outcomes.

In spite of many limitations, a large number of PICUs in the country have been providing high quality care to critically ill children with excellent outcomes. Several of these PICUs have also carried out and published commendable research in varied subjects. However, this research has not had the desired impact in managing the critical illnesses of childhood. Main reason has been small numbers enrolled in these single center studies.

## **Objectives of INSPIRED**

- Sharing of data among all PICUs of the country.
- Conceptualizing, planning and conducting surveys relevant to pediatric critical care.
- Collaborative multicentric research.
- Issuing quality and safety improvement guidelines.
- Making management guidelines appropriate to our country for illnesses of high priority to us.
- Collaborating with other networks and groups for understanding, investigating and treating pediatric critical illnesses.

## **Work in Progress**

- ECMO Registry
- PICU asthma management and outcomes
- HHHFNC use in India
- Case distribution and trends of illnesses in Indian PICUs
- Comparison of epinephrine versus norepinephrine in septic shock
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