

NEGLECT IN CHILDREN ATTENDING MODILON GENERAL HOSPITAL

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MMED

INTRODUCTION

- Child's basic developmental and health needs have not been met by acts of omission by parents or guardians, leading to ill health and hospitalization.
- 700,000 children abused annually in the U.S
- 2010: -75% experience Neglect
 - 17.6% physical abuse
 - 9.2% sexual abuse
- DCH project: Burden of child maltreatment in MGH
 - prevalence rate of child abuse was 10%
 - neglect accounted for 3.4% of admissions

AIM

- To determine the incidence rate and risk factors of Neglect in children attending Modilon General Hospital.

METHODS

Study site and patients

- Conducted at Modilon General Hospital in Madang Province
- Between March-December 2017
- All children admitted to the Paediatric ward with history of child Neglect (medical, nutritional, physical, lack of supervision) were eligible to participate in this study
- Controls : children with no history of neglect.
- Deliberate neglect is simple carelessness or doing it on purpose rather than by chance.

METHODS

- Data collected on demographic information, nutrition status, maternal & paternal factors and their outcome
- Ethical approval sought from MGH ethics committee
- Written informed consent obtained from parents/guardians

METHODS

- ***Study Design***

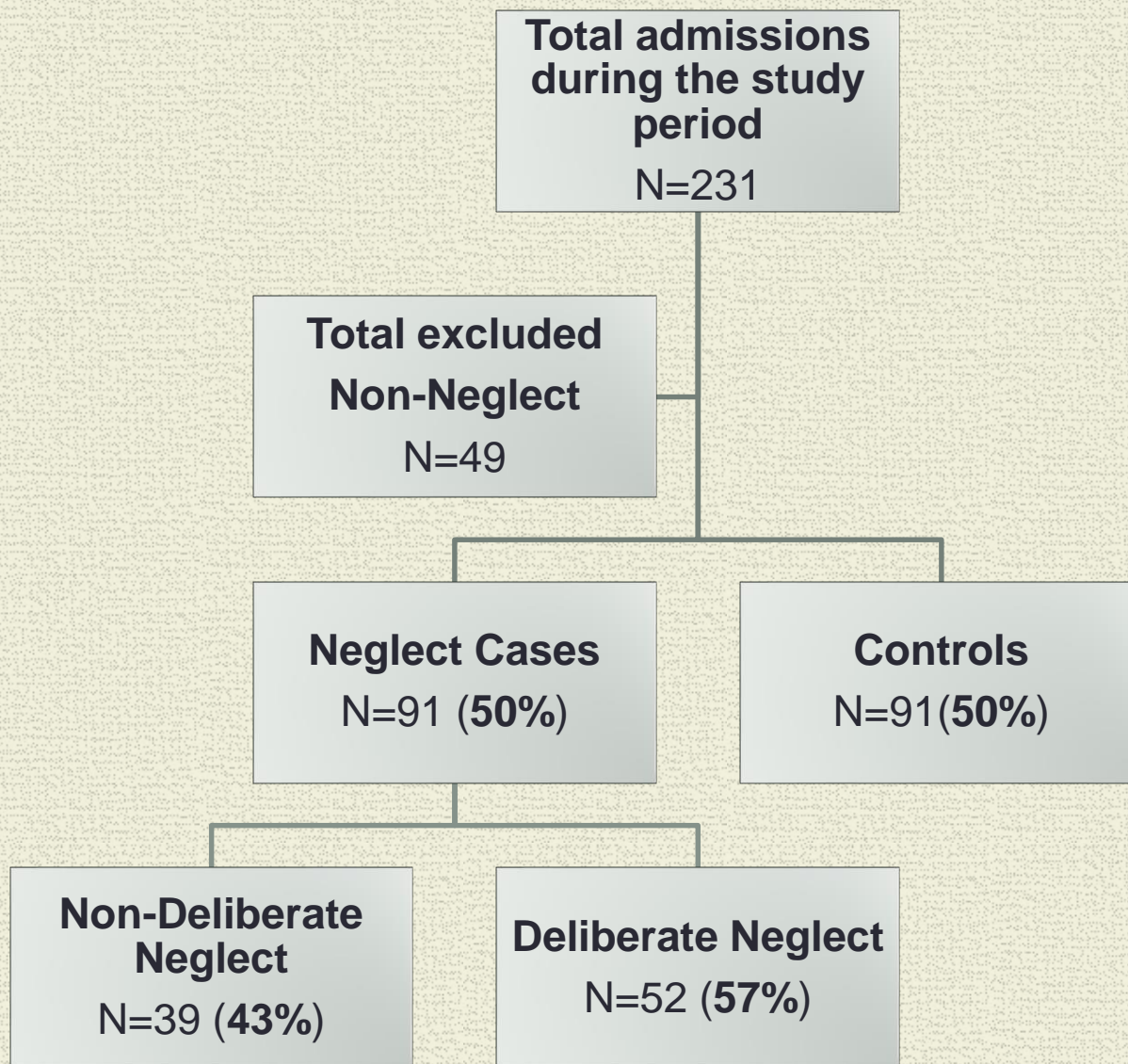
- Prospective Observational study
- Questionnaire led interviews conducted

- ***Inclusion criteria***

- Any children <14 years
- History of Neglect
- Residents of Madang
- Approved consent

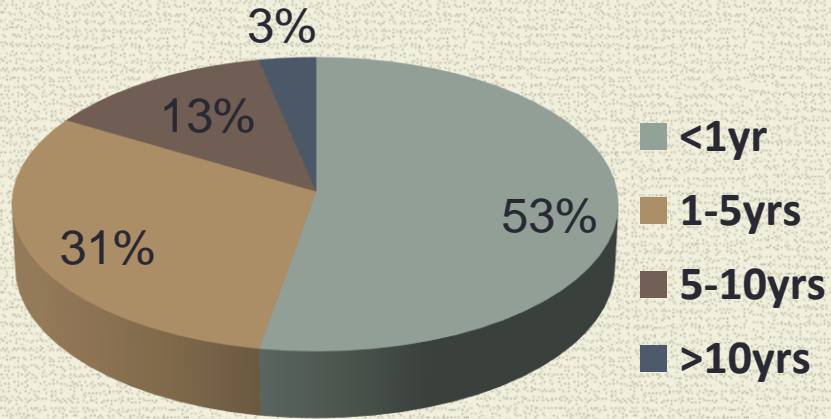
RESULTS

Figure 1. Flowchart outlining Neglect documented in hospitalized children during the study period

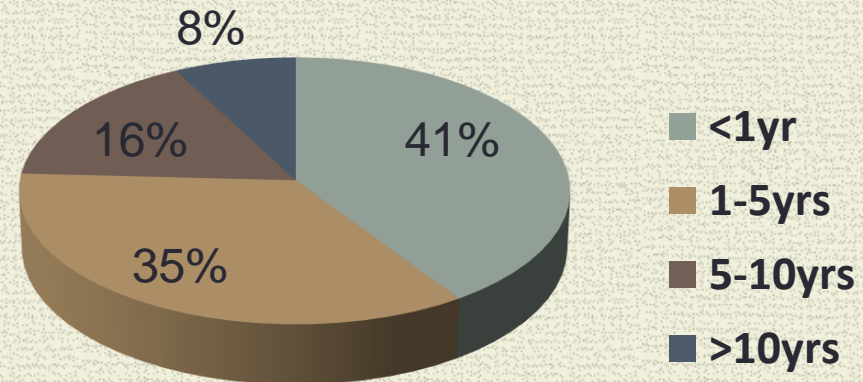


AGE DISTRIBUTION

Neglect Cases (n=91)

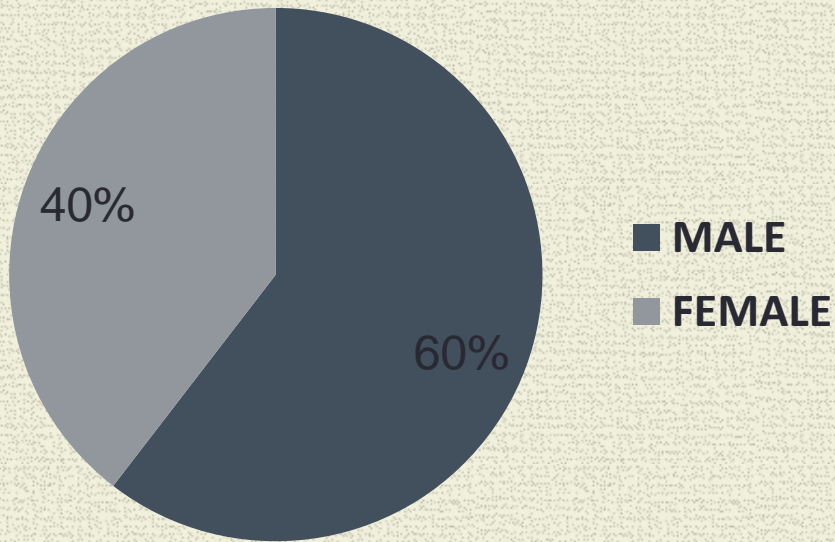


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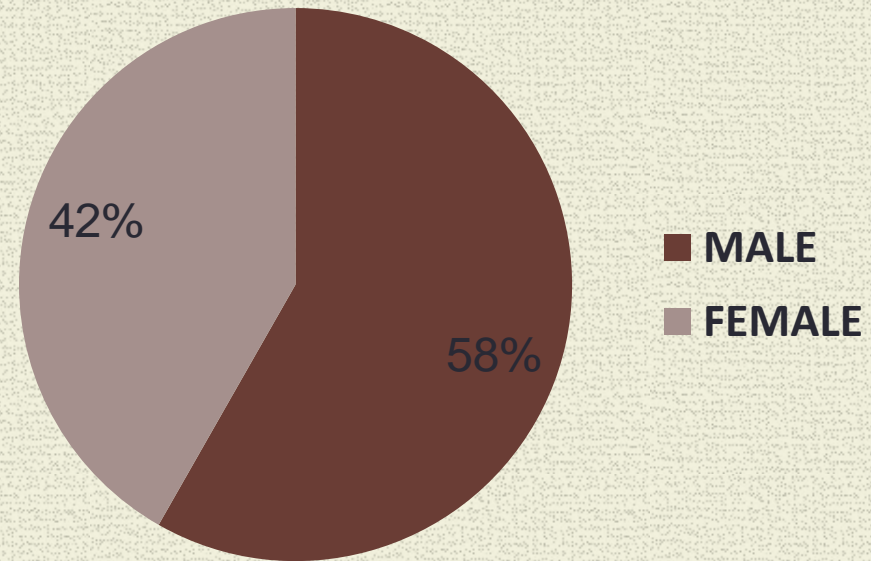


SEX DISTRIBUTION

Neglect Cases (n=91)

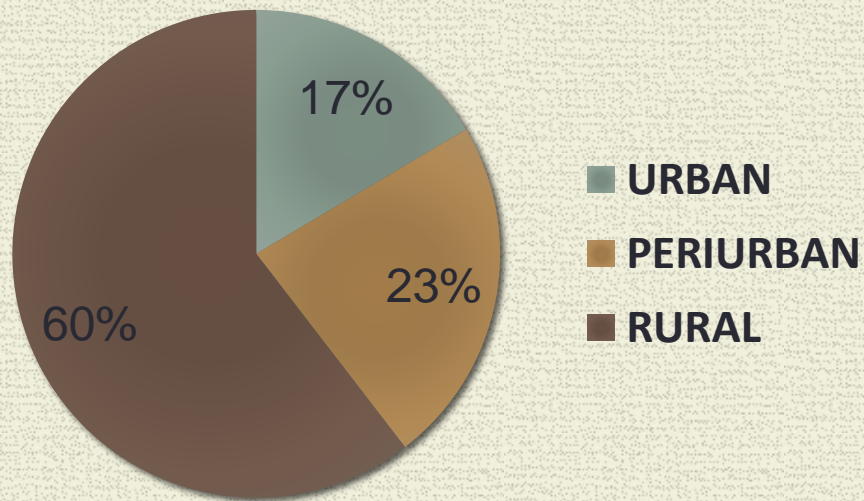


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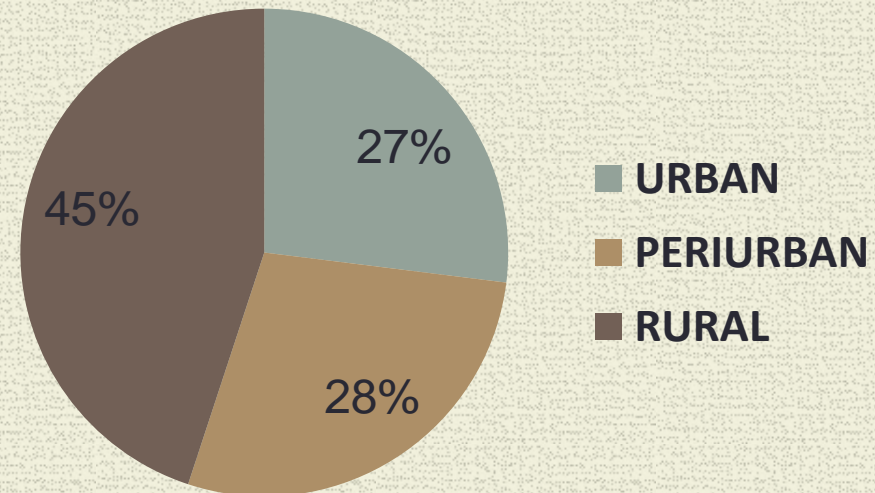


PLACE OF RESIDENCE

Neglect Cases (n=91)

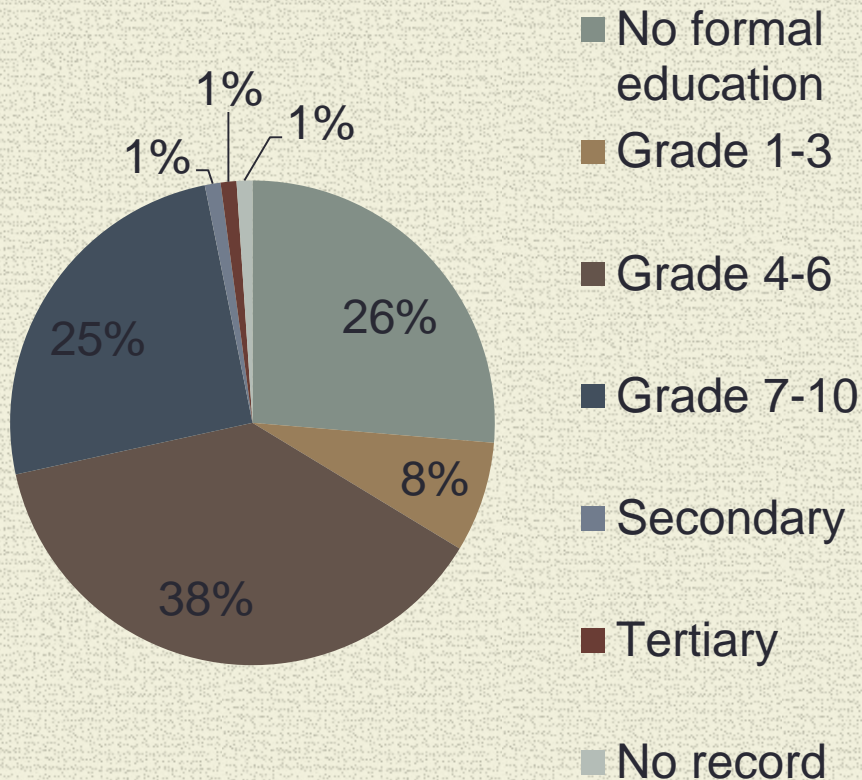


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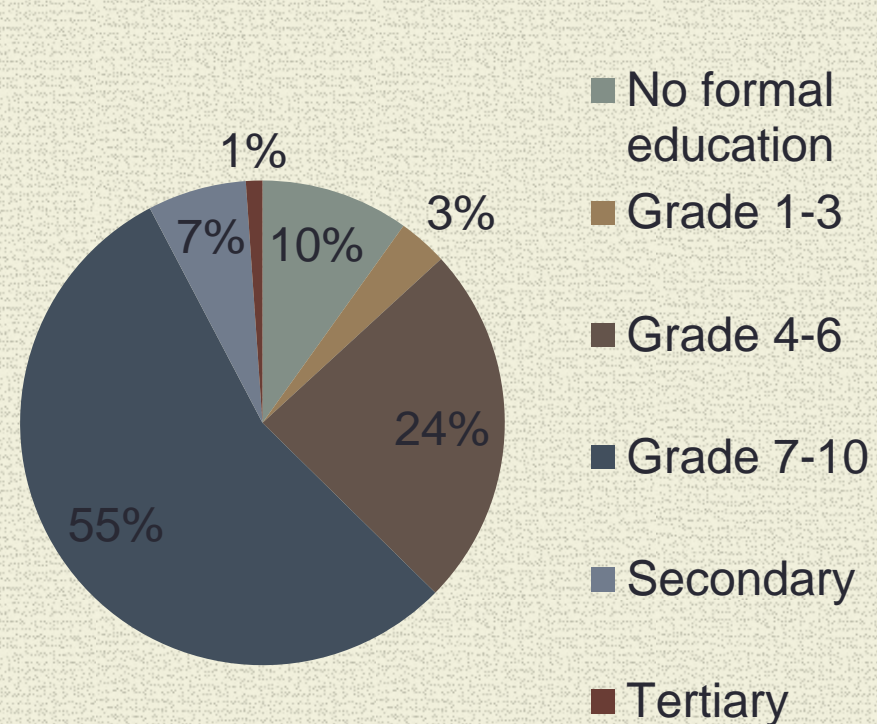


Parents Education Level- Mothers

Neglect Cases (n=91)

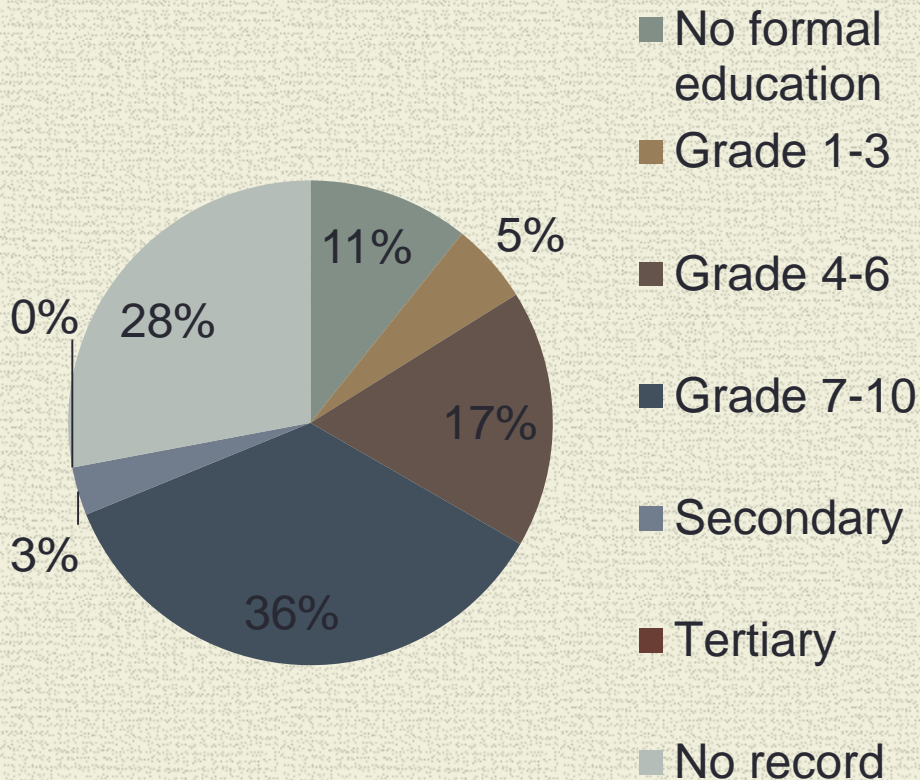


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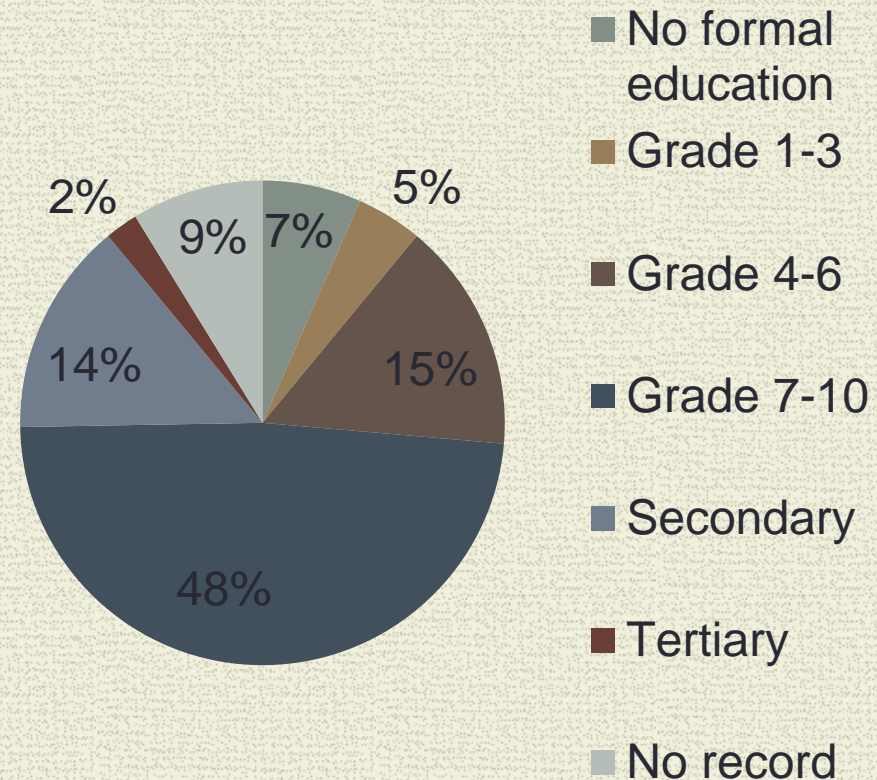


Parents Education level- Fathers

Neglect Cases (n=91)

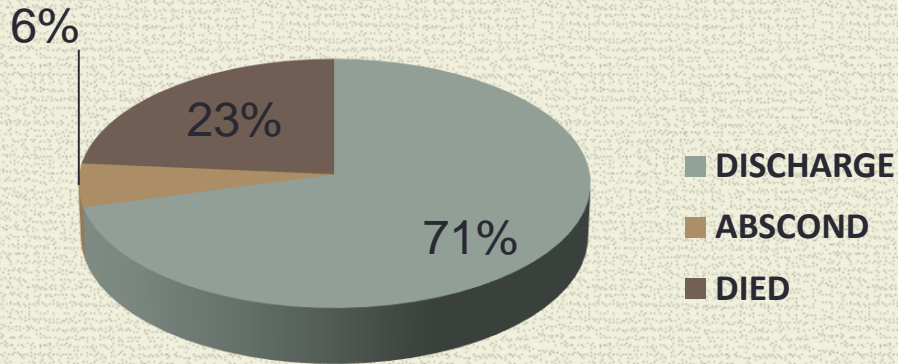


Control (n=91)

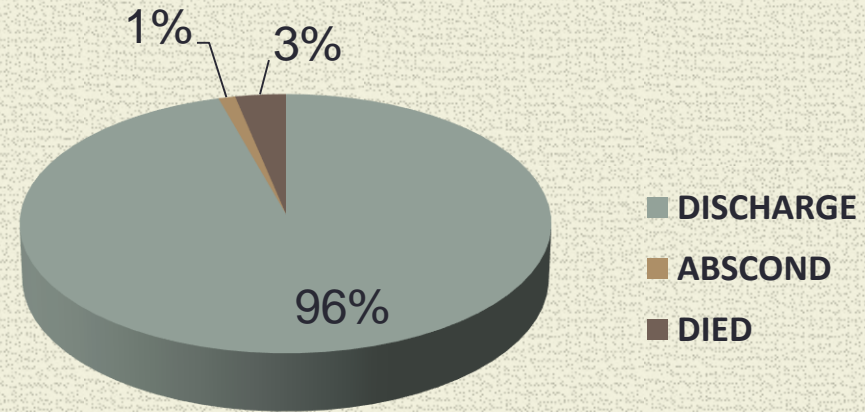


CLINICAL OUTCOME

Neglect Cases (n=91)



Controls (n=91)



RISK FACTORS FOR NEGLECT

Reasons for Neglect	Number(n =91)
Financial Issues	25 (28.0)
Irresponsible parents	15 (16.5)
Closely spaced pregnancies	13 (14.3)
Domestic Violence	4 (4.4)
Parental issues	23 (25.3)
Disabled child	3 (3.3)

DISCUSSIONS

- Of the 231 screened admissions, overall incidence of neglect is **39%**
- Child neglect has been under-reported & under-recognized in PNG
- Mortality was highest in the neglected group with CFR 23%
- SAM accounting for majority of deaths
- The leading cause of admission were SAM, TB & Acute Gastro
- Children in the 1st yr of life are at increased risk of being neglected
- Financial issues and Parental issues were the commonest risk factors
- Most children with neglect were adopted, bottle fed & unvaccinated

CONCLUSSION

- Neglect is an important but under-reported area
- Child neglect has not been the focus of many empirical studies
- lack of family financial resources can have serious negative consequences on ability of parents to meet basic needs for their children
- Urgent need to increase awareness, establish appropriate channels of dealing with child neglect
- Improve child protection & welfare policies & critically advocate for the implementation of these policies.

LIMITATIONS

- Small sample size
- not enough time
- unable to actively follow up these children

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- Dr Watch
- HEO's Ganika, Suan & Sugam
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