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Association Of Education
Level And Mother
Knowledge For Initial Home
Management Of Children
Febrile Seizure

Introduction

- ❖ febrile seizure: 2%-5% of children, found to be the highest among children aged 14-18 months¹
- ❖ Ulin Hospital Banjarmasin: April 2016 to February 2017: 158 cases , average: 14 cases/month
- ❖ Delayed and inappropriate management: complication and mortality
- ❖ A mother's action in initiating rapid management is attributed to her knowledge that is related to her educational level

Aim

The study aims to determine the relationship of mothers education level and knowledge with their performance on the initial home treatment of febrile seizures in children, at Ulin Hospital Banjarmasin

Material & Method

- cross-sectional with 30 samples (mother with her child who were admitted to Ulin Hospital Banjarmasin due to febrile seizure
- the inclusion criteria: mothers who were living with their respective children, 20-35 years of age, not working as a healthcare professional
- Instrument: questionnaire (validity and reliability)
- chi-square test with level of confidence of 95%

Results

- ❖ There were 60% who participated in this study had a middle-high level of education
- ❖ There were 56.7% had good knowledge regarding febrile seizure
- ❖ There were 53.3% considered good in delivering initial care to their children
- ❖ there were significant association between mothers' educational level and management of febrile seizure at home ($p = 0.001$, $OR = 3.77$)
- ❖ There was significant association between mothers' knowledge and initial management of pediatric febrile seizure at home ($p = 0.004$, $OR = 3.21$)

Conclusions

This study can be concluded that there was significant association between mothers' educational level and knowledge regarding febrile seizure with initial management of pediatric febrile seizure at home

Acknowledgement

Ulin Hospital Banjarmasin and mother as subject