

Annual Congress &amp; Medicare Expo on

# Primary Healthcare

April 25-27, 2016 Dubai, UAE

## The practice, knowledge and attitudes of mothers with children under-5 age at fever management

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**Objective:** The aim of this study was to evaluate the practice, knowledge and attitudes of mothers with children under-5 age at fever management.

**Material & Methods:** This descriptive study was performed in a state hospital in Eastern Turkey between September-February 2016. The sample consisted of 180 mothers with under-5 age children who admitted the child clinics with any reason and accepted participate the study. Data were collected with a questionnaire prepared by researcher. The questionnaire was applied face to face interviewing techniques and was taken about 10-15 minutes. Data were analyzed in computer based SPSS program by using numbers, percentiles and chi-square tests.

**Results:** In the study, the average age of mothers' was  $30.03\pm 5.25$  and 42.8% of them had high school graduates, 86.7% of them had the nuclear family type, 85.0% of them had social security and 70.6% of them assessed income status as middle. The average age of children was  $3.12\pm 1.41$ . The mothers stated that 88.3% of children had fewer problems at least once in last year. Also 87.2% of mothers stated that they have special thermometer for their children at home, 96.7% of them stated that they can measure the fever of children with thermometer and 70.7% of them stated that "fever is 38 degrees or above of body temperature". There were statistically significant difference between mothers' employment status, family type, social security, family income and to keep a thermometer at home ( $p<0.05$ ). Also, there were statistically significant difference between mother's education, having social security and the ability to measure of children body temperature ( $p<0.05$ ).

**Conclusions:** According to the findings, it was seen that the mothers with low education and income levels haven't got adequate knowledge and appropriate approach about fever management in home condition

### Biography

I am an associate professor in Public Health Nursing, in the Tunceli University Health High School in Turkey. I completed my master and doctorate program Hacettepe University Faculty of Health Science in Ankara, Turkey. My academic background and work experience as a Nurse-Researcher has enabled me to develop a range of skills. Accordingly I have been in Prato Hospital in Italy-Florence for 3 months and US-Wisconsin Madison University for 3 months. My research focuses on motivational interviewing for smoking cessation, improving cognitive function of the elderly, prevention of substance use in adolescent period and women health.

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