

P02-374 - **COMPARATIVE OF MATERNAL HEALTH AND REHA OF THE MOTHERS WITH LOW BIRTH AND PREMATURE INFANT IN HOSPITALS OF ISFAHAN**

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**Introduction:** The future of a society depends on children's health. Children's growth and health is directly influenced with mother's health. This study has targeted on defining and comparison of maternal health of mother's with low birth and premature with the one of mothers with term infants.

**Methods:** This descriptive analytic study was carried out on 200 mothers with low birth and premature infants selected by target focused sampling. The data we are collated related to maternal health concerning weight, age, smoking, taken drugs pre delivery weight, times of pregnancy, anxiety due to crisis and maternal health care.

**Results:** The findings related to frequency distribution of maternal health of mothers with low birth and premature infants compared with the ones with term infants showed that there was a significant difference between mothers with low birth and premature infants in age group of 15 to 19 years of age and mothers with term infants aged between 20 to 24 years.

The findings related to mothers weigh before pregnancy showed that there was not a significant difference between most of the mothers with low birth and premature infants aged between 45 to 54 weight years and mothers with term infants of birth than 105kg ( $P < 0/01$ ,). Regarding maternal health in both groups there was a significant difference between taken drugs and duration and dosage, maternal health and anxiety and restlessness.

**Conclusions:** Mothers play a major role in care of children and their own mental health influences their children physical and mental health.

**Keywords:** *Maternal health, premature.*