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## Mothers of preterm infants hospitalized in neonatal intensive care: Study of the circumstances

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**Introduction:** Prematurity is a common condition. It is responsible in Morocco for a morbidity and neonatal mortality rate.

**Objective:** The objective of the study is to assess the conditions of women who give birth prematurely.

**Materials and methods:** All preterm infants hospitalized during the year 2016 were included in this study. The analysis of the files identified the different parameters' mothers.

**Results:** The rate of admission of premature babies to the service is 19%. The most common maternal age was between 18 and 35 years of age (80%). 68% of women are multiparous, and more than 40% of women have a history of miscarriage. Pregnancy was not followed in 27% of cases, antenatal corticosteroids were administered in 45% of cases, pregnancy was multiple in 25%, premature rupture of membranes was noted in 36% of cases, and maternal infection was 33%. Birthing was predominant with a rate of 73%. Most premature babies admitted to the service (64%) come from birth delivered at the university hospital centre. Non-induced prematurity accounts for the majority of cases with 78% of cases. The overall prematurity mortality rate is 62% among all preterm infants.

**Conclusion:** Prevention would reduce the rate of prematurity and improve its management, especially through close obstetric-pediatric collaboration.

### Biography

Fatiha Bennaoui is an Assistant Professor of Pediatrics, graduate in Neonatal-Perinatal Medicine from Medicine School; Cadi Ayad University; Marrakesh, and health services researcher in the section of General Pediatrics. She leads the faculty and post-doctoral fellows in Neonatology, in Newborn Intensive Care Units at University Hospital; Marrakesh. In addition, she is actively involved in the perinatal education of Yale medical students, attending physicians, fellows, residents, nurses, and physician associate students, she has for many years served as medical faculty. She has more than 5 years of experience as a clinical neonatologist and over 10 years of experience in pediatric medicine. Dr Bennaoui has been an invited lecturer nationally and internationally, focusing on analyse of pediatric medicine. She has many publications; more than 12 papers indexed in Scopus and in PubMed. She has served on the Moroccan Association of Pediatrics.

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