

HOW DOES CULTURE INFLUENCE CONCEPTION AND PRENATAL DEVELOPMENT IN ADOLESCENTS

The influence of cultural variables on teenage pregnancy is not clearly understood. American Indian women did not believe contraception should be used until.

There are two ways in which the development of the embryo can be affected by environmental factors, including nutrition: 1 by direct effect on the embryo itself; 2 indirect effect through the mother. During the first week after conception, the zygote rapidly divides and multiplies, going from a one-cell structure to two cells, then four cells, then eight cells, and so on. The corresponding increase in emotional variability also can increase adolescents' vulnerability. Key Terms sudden infant death syndrome: The sudden and unexplained death of an infant aged one month to one year, normally while sleeping. The question that arose at the time was what these changes could mean in terms of brain function. Stages of development: During the fetal stage, the brain develops and the body adds size and weight, until the fetus reaches full-term development. Hormones play an organizational role, priming the body to behave in a certain way once puberty begins, [23] and an active role, referring to changes in hormones during adolescence that trigger behavioral and physical changes. Ayana name changed was married at the age of The difficulty in answering this question lies in the fact that the malnutrition factor is never isolated from a number of other factors that can also affect the learning ability and intelligence quotient I. The healthy pregnancy guide. The defining characteristic of the fetal stage is growth. Tobacco use can result in low birth-weight as well as an increased risk of abnormalities such as urinary tract and limb malformations. Other items rated were ignorance on basics of sexuality and pregnancy During each prenatal stage, environmental factors affect the development of the fetus. Depending on the dominance of each chromosome that is inherited from each parent, the child may or may not show the inherited trait. Previous studies have likewise recounted that peer influence can support in the promotion or prevention of adolescent pregnancy through multiple pathways e. The fetus is connected to the mother through the umbilical cord and the placenta, which allow the fetus and mother to exchange nourishment and waste. In social comparison we use reference groups, with respect to both psychological and identity development. It is also relevant in social cognition, resulting in increased introspection , self-consciousness , and intellectualization in the sense of thought about one's own thoughts, rather than the Freudian definition as a defense mechanism. For each pregnant adolescent identified, a non-pregnant counterpart was available for the completion of the instrument at each center during the whole period. The embryonic stage lasts from implantation 2 weeks until the 8th week of pregnancy. We also show our gratitude to the staff of the health facilities and respondents for helping with the data collection. All these factors acting in conjunction form, apparently, the syndrome of poverty, disease and human underdevelopment. The methods of care intended for children and the hygienic conditions of hospitals improved, and, especially, antibiotics and other drugs have emerged, leading specific infectious diseases to decrease significantly. Thus depending on the time of dietary deprivation during pregnancy, the effects may impact as alterations in the organs and systems under development at that moment, for example: 1 maternal malnutrition during pregnancy may affect the health of adult individuals without influencing their size at birth; 2 the occurrence of metabolic adaptations to allow fetal development ROSEBOOM et al. The fetus continues to gain weight and grow in length until approximately 40 weeks. Gene Expression and Regulation Gene expression is carefully regulated in every organism to allow the organism to adapt to differing conditions. Further research ought to determine which other factors would help us better understand circumstances that may lead to adolescent pregnancies in other areas of the region and perhaps among other subgroups. And children born into poverty are also more likely to be exposed to teratogens. World Health Organization 4 defines adolescent pregnancy as pregnancy occurring in a girl aged 10â€”19 years. Radiation increases the risk of childhood cancer, as well as emotional and behavioral disorders; because of this, it is recommended that pregnant women avoid x-rays unless absolutely necessary. Other factors that can put a person at risk for prenatal depression include unplanned pregnancy, difficulty becoming pregnant, history of abuse, and economic or family problems. This profile was similar to that found in newborns with severe postnatal protein-calorie malnutrition, offering more evidence that fetal

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growth retardation may be taken as an index of prenatal malnutrition.