

Health Status of the Indian Women - A Brief Report

Abstract

Healthy lifestyle and high intake of nutritious food can provide good health throughout life to the humans. The poor nutrition and unawareness on the utilization of health facilities during their childhood and reproductive age are the major factors responsible for the high maternal mortality. Though government of India has been taking several efforts to improve the health status of the women, poverty, gender discrimination and illiteracy in the population are the major problems associated with the implementation of appropriate interventions. The present overview focuses the major factors, which influence the health concerns of the women in India.

Keywords: Malnutrition; Maternal mortality; Gender discrimination; Women health; India

Review Article

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Introduction

Women's health concern is influenced by interrelated biological, social, and cultural factors (Figure 1). It is generally expected that women can live longer than men it does not necessarily ensure a better quality of life. Profound studies reported that women are more sickly and disabled than men throughout the life cycle. It has been suggested that women are particularly vulnerable, where basic maternity care is unavailable [1]. Due to the involvement of biological factors, women are more prone to sexual exposure of contracting sexually transmitted infections (STIs), including the human immunodeficiency virus (HIV) than do men [2]. Moreover an early marriage and childbirth could be responsible for the prevailing wide variation in the socioeconomic status. Profound

studies pointed out the voluntary involvement of the community, paramedical workers, NGO, policy makers and teachers in various developmental programs for the removal of poverty and improve the literacy rate among females [3]. Nutrition and health education should be strengthened via department of health to improve the nutritional status of mother and child, which are intimately linked [4]. A strong and sustained government commitment is therefore needed to improve women's, health concern [5].

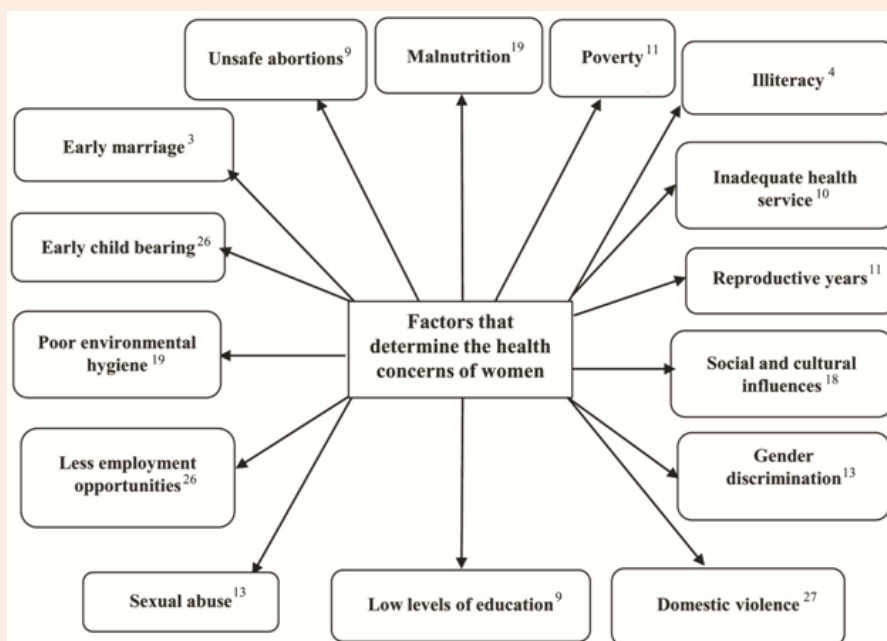


Figure 1: Factors that determine the health concerns of the women.

Health and Nutritional Status of Indian Women

It has been suggested that the health and nutritional status of Indian women becoming worse due to the prevailing culture and traditional practices in India. Indian women are generally vulnerable to poor nutrition, especially during pregnancy and lactation. It has been pointed out that the impact of nutritional status of the mother is more pervasive than the impact of other factors on birth weight [6]. It has been observed that the dietary intake of rural pregnant women was lower than the recommended level [7]. Usually low weight infants are born to mothers with under nutrition and poor health. The incidence of anaemia was found to be highest among lactating women followed by pregnant women and adolescent girls. Epidemiological studies pointed out that worldwide 50 percent of all pregnant women are anaemic, and at least 120 million women in less developed countries are underweight [8]. In South Asia, an estimated 60 percent of women are underweight. Pregnant adolescents, especially who are underweight, are at greater risk of various complications such as obstructed labour and other obstetric complication [9]. Unawareness on health care during pregnancy thus results in negative outcomes for both the mother and the child [10]. Right and proper education to the mothers had a significant influence on their nutritional status and their health. The definitive steps should be taken to educate women about the importance of health care for ensuring health pregnancies and safe childbirths.

Gender Discrimination

Women's disproportionate poverty, low socioeconomic status, gender discrimination and reproductive role not only expose them to various diseases, but also their accesses to and use of health services [11]. Domestic violence, rape, and sexual abuse against women affect their productivity, autonomy, quality of life, and physical and mental well being. A surprising report pointed out that women who lost male partner are often forced into prostitution to lead their life. Men transmit the infectious virus to women fourfold than women are to men. Women also acquire HIV infection when they receive blood transfusions to combat pregnancy-related anaemia or hemorrhage [12]. Sexual abuse during childhood enhances the mental depression and reproductive tract infections in later life, which could often lead to female infertility. Gender discrimination (son preference) along with high dowry costs for their daughters, marriage, often results in the mistreatment of daughters [13]. Bias in both education and formal labor force participation as well as leading the life under the control of their fathers, husbands, and sons could exert a negative impact on the health concerns of Indian women. Though worldwide women have increased life expectancy at birth, the systemic problems associated with Indian women's health chances of a typical female advantage [14]. In India, both men and women have the same life expectancy at birth. Financial support, old age security, property inheritance and dowry all contribute to the preference of sons over daughters. The Indian government has, however taken necessary steps to alleviate the current gender discrimination. Unwanted and illegal pregnancies terminated by unsafe abortions could have negative consequences for women's health. Reducing fertility may often improve the overall health of Indian women [15]. The torture and violence given to women

by her husband and mother-in-law could also be a key factor for the negative impact on the health and mental status of the Indian women. Children who born to mothers with low level of education suffer from nutritional disorders twice fold than mothers with higher education [16].

Malnutrition

Malnutrition, due to deficiencies of calories, protein, vitamins, and minerals and other poor health and social status, affects millions of women and adolescent girls around the world (Figure 2). Malnutrition, a serious health concern, threatens the survival of Indian mothers and their children. Adequate nutrition is thus an essential cornerstone to maintain the healthy health of any individual, especially for women [17]. Baby born to malnourished women faces multiple complications, including cognitive impairments, short stature, lower resistance to infections, and a higher risk of disease and death throughout their lives. Women are more prone to nutritional deficiencies than men due to the fact of women's reproductive biology, low social status, poverty, and lack of education [18]. The two most common nutritional deficiencies in the women worldwide are iron deficiency and anaemia. Around 80% of the Indian pregnant women suffer from iron deficiency anaemia's [8]. Nutritional deficiencies, including iron and iodine deficiencies and low intake of essential nutrients could enhance the chances of having a low birth-weight infant, as well as impaired fetal development in pregnant women. Low intake of nutrition during girls' childhood may cause stunted growth, which in turn leads to higher risks of complications during and following childbirth [6]. Mental impairments impede physical development, and harm school performance is the common consequences of iodine deficiency among adolescent girls. Maternal malnutrition often results due to the kind of reproductive cycle, they have and spending more times on household work. Around 450 million women are underweight due to protein energy malnutrition during their childhood in developing countries. The highest incidence of malnutrition among women is reported in South Asia [19]. The disorders associated with malnutrition in women 6, 20, 21, 22, 23, 27, 24, 26 is presented in Figure 2.

Maternal Mortality

Maternal mortality remains stubbornly high in India as compared to many developing nations India contributed approximately 20 percent of all maternal deaths worldwide between 1992 and 2006; due to lower socioeconomic status and cultural constraints as well as limiting access to health care [6]. Maternal mortality is 57 fold higher in Indian women than in the United States. India's maternal mortality ratio is lower than the ratios for Bangladesh and Nepal, while it is higher than those in Pakistan and Sri Lanka [25]. Severe anemia accounts for 20% of all maternal deaths in India. It has been suggested that, higher literacy has greater maternal health as well as lower infant mortality. Cardiovascular disease is the major contributor to increased female mortality in India, which is due to differential access to health care between the sexes [20]. Surprisingly men are tend to visit hospitals more frequently than women to treat their ill-health. Moreover, Indian women suffer from mental depression at higher rates than Indian men. 26 More Indian

women committed suicide as compared to men, which are directly related to depression, anxiety, gender disadvantage and anguish related to domestic violence. Very strict, strong and sustained

laws should be framed by the government to prevent the gender based violence in as well as to improve the educational and health status of the women [27].

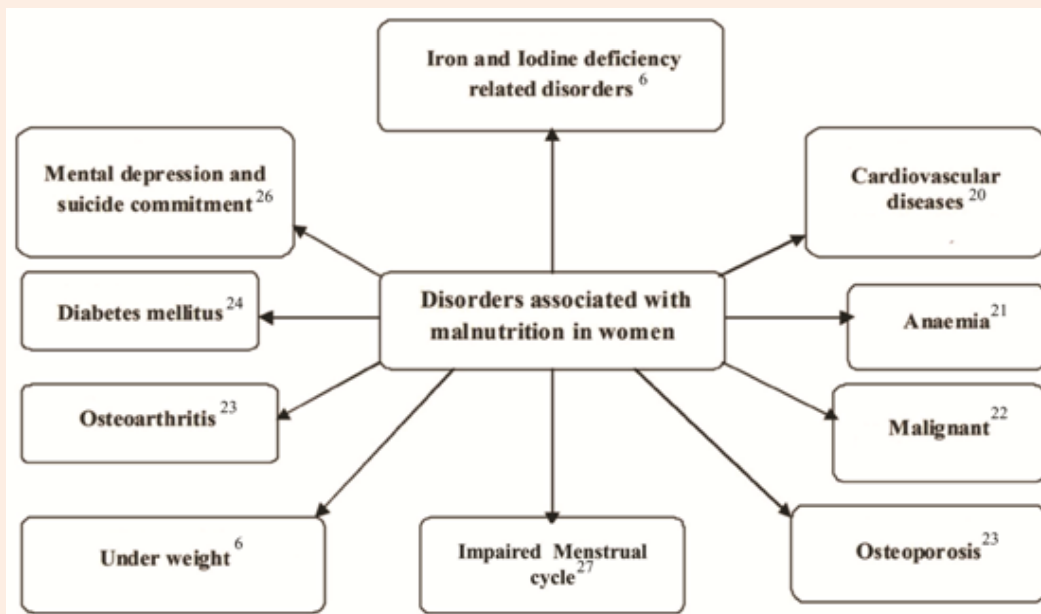


Figure 2: Disorders associated with malnutrition in women.

Conclusion

Good health is a key criterion, which contributes to human wellbeing and economic growth. Adequate nutrition for women would help them to serve as productive members of the society to develop the consequent health generations. The government should take necessary and compulsory policies to improve the literacy rate and quality education as well as to provide adequate employment opportunities for women, which might explore positive impact on the women's health concerns. The government can also improve the health status of women by strengthening and expanding essential health services as well as by frequent counselling on safe sex, awareness on educational and nutritional needs and gender based violence.

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