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Shift work and breast cancer

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Abstract: Worldwide breast cancer concedes the most commonly diagnosed female cancer, and it's become international important health issue. According to the report of World Health Organization (WHO) 519,000 deaths occur every year worldwide (WHO, 2009) Since the number of incidence of breast cancer is increasing in both developed and developing countries and the etiological cause also primarily unknown, however, many predisposing factors like heritable factor concedes to be possibly major risk and minor proportion delayed menopause, early age of menarche and older age at first pregnancy that is concedes as minor risk factors. The demand for explanations for this disease an searching for new causes become real concern in society. One of ne suggested causes of breast cancer is shift work, many studies point out that women with irregular working hours are at increased risk for breast

cancer, since working at night and early morning require the use of artificial light which leads to suppression of pineal secretion of melatonin that may induce continuous production of estrogen involved in breast carcinogenesis.

During the last decades increase diversity of shift work have been increased by society, including work at night. Therefore it is important to investigate the relationship between this occupation risk and the prevalence of breast cancer.

Biography

Haya Al Zamil, has completed BDS in Misr University for Science & Technology, Egypt, Advanced Education In General Dentistry, P.A.A.D.I Saudi Arabia, Haya Al Zamil is works at Prince Sultan Military Medical City in Riyadh, Saudi Arabia.

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