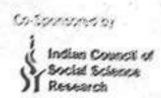
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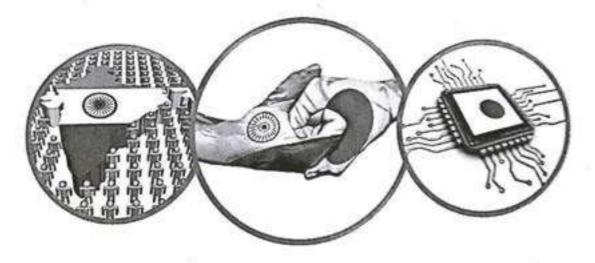
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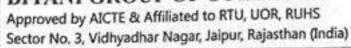
Environmental Sensitivity and Sensitivity and Sustainable Development

Department of Science and Nursing



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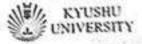




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A Review: Impacts of Environmental Sensitivity on Reproduction

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Abstract

In the workplace, home and ambient environment have demonstrated effects on reproductivehealth. Physical factors such as the increased global temperature and exposure as well as the biologic factors such as the contamination in the environment of detrimentally affect male reproductive function. These effects can result in, not only a robust in sperm concentration, but also alterations in sexual behavior, mood disorders and the present partial cancers. This paper contributes to current knowledge of environmental sense impacts on reproductive life.

Keywords: Environmental sensitivity, Reproductive health, Genital cancers, Radiation

Introduction

Environmental health is broadly defined as the aspects of human health determined by physic chemical, biological and social factors in the environment and encompasses the assessment a control of those factors[1]. As most humans develop In a predictable fashion growing in fertilized egg to fetus, newborn toddler, child, adolescent and adult, there is little doubt a environment is a powerful modifier of the human reproduction and development[2]. Exposes to environmental contaminants result in permanent damage to a fetus and may have lifest impacts in health. However disorder related to female reproductive health may develop health sensitive windows throughout fetal development childhood adolescence or adulthous Reproductive health exquisitely sensitive to characteristics of an individual's environment including physical, biological, behavioral, cultural and socioeconomic factors. The relates effects of these features may vary in different parts of the world or even within a country!! Reproduction and development can be affected by exposures to a wide variety of agent including dioxins, poly-chlorinated biphenyls (PCBs), phytoestrogens such as isoflavous heavy metals, chlorination disinfection by products in water, organic solvents, poly-arometric hydrocarbons, particulate air pollution, substances emitted from landfill sites and calleine[4].

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partility in Females phreling contaminants may act as endocrine-disrupting chemicals (EDCs), interfering phinonnal hormone production and signaling. EDCs can block and a signal hormone production and signaling. paironmental hormone production and signaling. EDCs can block endogenous hormones, with normal hormone-receptor binding and impairing the expression of the company of the normal hormone-receptor binding and impairing the expression of target genes perfering was and androgen hormone. A study in young girls found that higher exposure to see and A (BPA) was associated with hypomethylation of more than the second state of the second s of estrogens (BPA) was associated with hypomethylation of particular genes involved in function and inflammation[5]. respond function and inflammation[5].

pfertility in Males

the effect of environmental factors on male fertility has been a special focus, stimulated in part the dramatic damage inflicted by the pesticide DBCP on testicular function. Radiation and toxic substance found in war environments negatively affect sperm quality compared to other body organ the testes are very sensitive to radiation[6]. Men who are regularly exposed to some chemical substances are more likely to be infertile then men who are not.

Conclusion

A thorough exploration of environmental effects on fertility will require the expertise of demographers, epidemiologists, clinicians, biologists, wildlife researchers, geneticists, molecular biologists, exposure assessment specialists, toxicologists, and others. The challenges are enormous but a cutting-edge tailored approach may help to set priorities for future reproductive health research, monitoring, and surveillance activities and for potential risk assessment or risk management follow-up efforts.

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