

Editorial

Greetings from the Editorial Board of Chettinad Health City Medical Journal!

Advances in early cancer diagnosis and treatment regimens have significantly improved survival rates, allowing patients and professionals to think beyond the cure for cancer to the future quality of life. Fertility impairment is a significant concern for many pediatric, adolescent and young adult cancer survivors. Treatment modalities such as chemotherapy, radiotherapy and surgery can impair the future fertility of men, women and children combating with cancer. Options to preserve the fertility of these patients holds significant value in improving the quality of their life post treatment. Though the field of fertility preservation has started gaining attention just a decade ago, there is a serious lack of collaborative effort between cancer care and fertility management.

This special issue of Chettinad Health City Medical Journal is a compilation of the contributions of all the well-known researchers and clinicians who are working in the field of fertility preservation. An original article aims to understand the damaging effects of radiation on spermatozoa of men exposed to therapeutic or accidental exposures to radiation.

Native plants of India are known for their medicinal values and other diverse applications. One such plant is *Moringa oleifera* better known as the drumstick tree, appears to also have a role in male fertility preservation, as described in a review article. Another review highlights the importance of cryopreservation in infertility management and fertility preservation.

A seminar article educates the readers on the different options available in fertility preservation for cancer patients, along with providing a perspective on future strategies. Having understood the different options, it is essential to also be aware of the social and ethical issues surrounding oncofertility, which are discussed through another article.

Hope you enjoy the informative articles. Look forward to your opinions and feedback!

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