



Head Neck Cancer and Significance of Stem Cell Therapy

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Abstract

The treatment of advanced squamous neck cell cancer is surgery, immunotherapy. Immunotherapy describes about the application of stem cell therapy in the early cases of the cancer.

Keywords: Oral Cavity Cancer; Oropharynx, Larynx; Hypopharynx; Head and Neck Cancer; Squamous Cell Carcinoma; Adjuvant Radiation Therapy; Postoperative Radiation Therapy

Image scanning of person with nasopharyngeal carcinoma

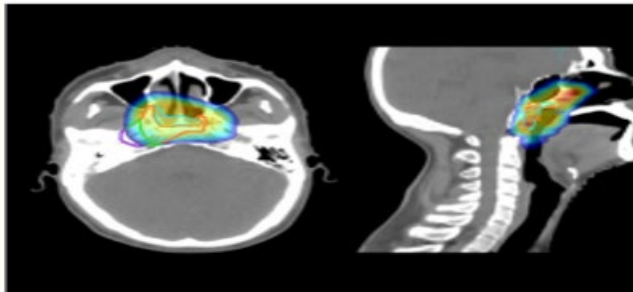


Figure 1

It determines the nasopharyngeal cancer and highlights the area with different [1] radiation doses in the nasopharynx [2].

Nasopharynx carcinoma is a distinct type of epithelial carcinoma of head and neck [3]. There are three types of pathologies causing it: keratinizing squamous, non-keratinizing [4] squamous and basaloid nasopharyngeal.

Treatment of nasopharyngeal cancer

Immunotherapy

- Chemotherapy with ultralow dose of opdivo is given to patients [5] and is helpful in 67 percent of cases, increasing their life expectancy [6].
- Toripalimab, given with chemotherapy, is the first drug of choice and [7] helps 70 percent of patients [8].
- Nuclear medicine (antibodies against cancer cells by taking their genetic sample and altering it by deactivating oncogenes and extracting genes which deactivate telomerase activity and inserting it in the body) is the total cure of the cancer (any type of cancer).

DNA architecture theory

Zygote contains DNA as an architecture and forms cells of ectoderm, mesoderm, and endoderm.

DNA contains genes and acts as an architecture for a cell.

It acts as a digital clock for cell division.

- DNA base pair supplies energy to the cell for division as when the cell divides before cytoplasmic division chromosome divides and during chromosome division a huge amount of energy is released.
- This energy is supplied for division of organelle and accurate amount of energy is released by DNA for cell to divide it is during S phase.
- During meiotic when chromosome pair up then energy is released.

Discussion

We discussed about the nasopharyngeal cancer and image scanning of the nasopharyngeal cancer and its recent treatment and its total cure by generic treatment.

Conclusion

Gene alternation and extraction of gene which deactivate telomerase which activity and inserting it in the cancer cell in early stages can lead to its cure or drug which deactivate telomerase activity helpful in cancer cure.

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