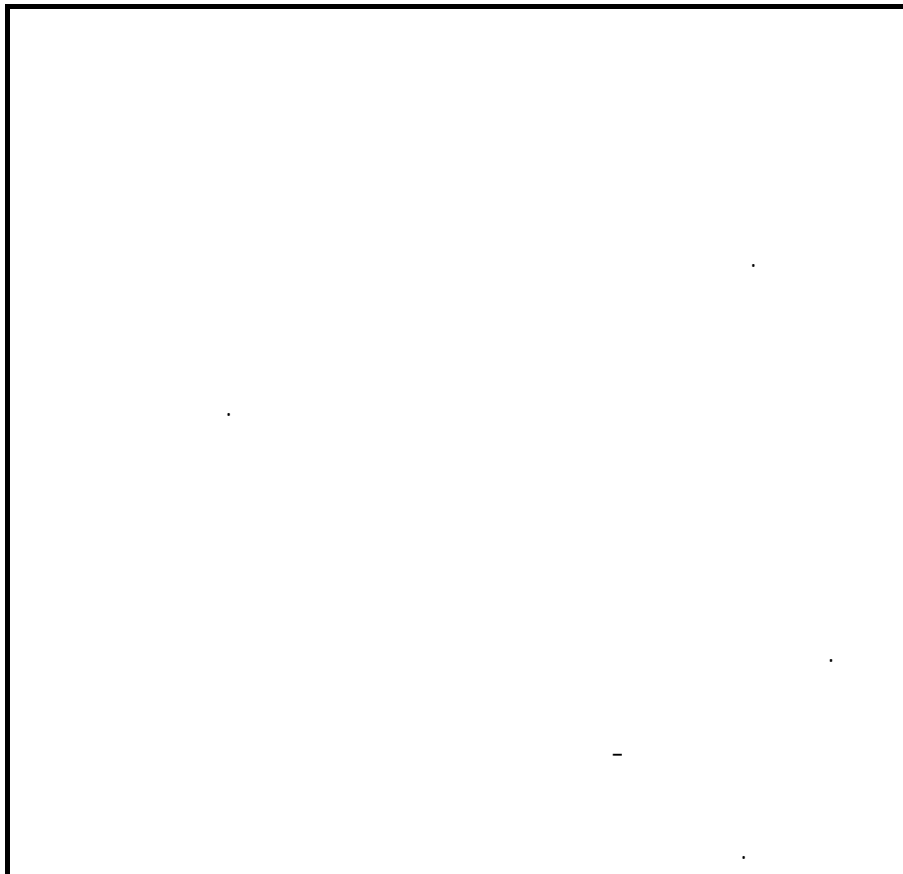

المعالجة الشعاعية الموضعية

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Brachytherapy - Curietherapie

Mouhiedin Alsoudi*

Abstract

Brachytherapy is considered one of the most important departments in the international centers of oncology. It is noteworthy that the application of brachytherapy does not require costly equipment, but it requires good knowledge of its principles and perfect handling of isotopes and to be committed to means of complete radio protection by physicians, physicists, and technicians working in this field.

The Nuclear Medicine Center of Damascus was furnished by a developed set involving technologies of electronic and informatic computer sets in 1995, the thing which allowed specialists to perform treatment at accurate and ideal forms, and stimulates us to think of starting conservative treatment of breast cancer and anal canal.

This process shall have positive impressions on the patient's social and psychological status, particularly at early detection of the case. Furthermore, this treatment can be used for other tumor localizations. The research handled the instruments, isotope sources and basic requirements for the optimal application of this method.

We hope we will contribute to the movement of medical Arabization and for implementing informatics to serve patients and to achieve the best desired results.

At the end of the research we have presented the initial results of our humble experience in the application of Brachytherapy through the period extending from 1992 to 1996, which involved the treatment of (222) cancer cases, in which Brachytherapy distributed on various anatomic and systematic sites. A summary of this treatment has been presented at the end of the research.

* Department of Physiotherapy – Faculty of Medicine – Damascus University.

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