

After cardiovascular disease, Cancer is the second most common cause of death in developed countries and the third leading cause of death in less developed countries, and alone causes more deaths than tuberculosis, AIDS and malaria. According to the forecast, If we do not intervene to prevent its occurrence, we will see 13 million deaths from cancer annually by 2030, and the chance of getting cancer for each person in 2050 will be between 50 and 60%.

In our country, more than 30000 of our dear compatriots die of cancer every year. On the other hand, with the increase in the percentage of aging in the country's population, changes in lifestyle, changes in nutrition, technological advances and moving away from a clean, healthy environment without industrial carcinogens are expected to double the incidence of cancer in the next two decades to increase.

According to the world health organization, the incidence of cancer in IRAN in 2020 will reach 65385 cases in the total population and the death rate due to cancer will reach 622897 cases per year.

This prompts officials to direct this rate toward a declining trend over time through proper and scientific planning to prevent and control the occurrence of preventable cancers.

Establishment of khorramabad baran radiotherapy-oncology clinic as an oncology center is one of these measures.

The pickaxe of this center was knocked down in 1392 and after 4 years in 1396 it was officially opened.

At present, this center has a space of 973 m<sup>2</sup> that equipped with a linear accelerator and a TIGRT treatment planning system. The center perform 3DRT (three-dimension radiotherapy), which, unlike traditional two-dimensional treatments, is a cancer treatment method that uses advanced computers and software to accurately target the tumor. In fact, 3DRT treatment is a complex process that begins with the creation of a three-dimensional set of data from tumors and healthy tissues.

The set is then used to create three-dimensional computer images and design complex plans so that the beam can be focused on the tumor and the surrounding tissues can be preserved.

BARAN clinic was established on suitable land in the khorramabad, 60 meters St, 4<sup>th</sup> Basij Alley.

This clinic utilizing the scientific potential of more than 4 oncology specialists and professors in this field and attracting experienced people with a rich resume related to their field, tries to increase the scientific potential of BARAN Oncology

treatment center as much as possible. It should be mentioned that we hereby invite dear professors and students to cooperate in conducting research projects, and finally, we wish to promote the best diagnosis and treatment of cancer in the country.

BARAN cancer clinic welcomes you to the group of BARAN colleagues and wishes to turn this center into one of the largest cancer treatment centers in the country with your professional cooperation. We hope that we can reduce the pain of patients who come to this center.