

Siete de cada diez enfermos de cáncer son tratados con radioterapia, según datos de la Sociedad Española de Oncología Radioterápica

AZPRENSA TUESDAY 25 OF APRIL OF 2006 Seven of each ten patients of cancer are dealt with x-ray, according to data of the Spanish Society of Oncología Radioterápica Madrid counts on the third equipment of tomoterapia installed in Europe and as the president of the CAM has announced, the new Hospital Iron Door, will be the first public center in having another one Madrid, 25 April 2006 (Agencies) Every year they appear in Spain more than 160,000 new cases of cancer, from which almost 100,000 patients every year receive or would have to receive radioterápico treatment. In this sense, and as she has affirmed the president of the Spanish Society of Oncología Radioterápica, the doctor Ana Mañas, "the single or associated x-ray is used in the 70 percent of the cases of cancer, she avoids the mutilations and she preserves the organ and its function. It is the specialty that along with the surgery more tumors cures ". Into this area, the tomoterapia has burst in with force. One is an advanced system of x-ray that allows to treat tumors that until now could not be cured with conventional x-ray, like for example, those that they are next to vital organs and the aggressive tumors that have returned to appear after to be treated. For that reason it is indicated specially for the tumors of lung, spine, head, neck and brain. This system allows to visionar the exact position and the volume of a tumor in real time. It takes integrated an equipment of Tomografía Axial Computerizada (TAC) Helical to verify the exact size and position of the tumor before initiating each session of x-ray, so that the radiations are much more precise avoiding the damage to the healthy weaves that surround to the tumorlike cells. Indeed, the Madrilenian Institute of Oncología (Group IMO) finishes putting into operation in the Clinic the Miraculous one of Madrid, the first equipment of Tomoterapia of Spain. For doctor Jose Samblás, president of Group IMO "the Tomoterapia is the technique of greater precision in the radiation of tumors and with less indirect effect than he exists in the world besides to be painless and comfortable for the patient". Until the single moment there are three equipment of these characteristics working in all Europe, one in Brussels, another one in Milan and third in Madrid, whereas in the U.S.A. single sixty devices exist about. According to doctor Samblás, "throughout this year it is predicted that they begin to work other seventeen devices in different European countries". For Pink doctor Morera, coordinator of the Unit of Tomoterapia of the Clinic the Miraculous one, "this new system is able to make radioterápicos treatments of high accuracy, since it is an x-ray guided by image and in addition she allows to administer the x-ray us with high gradients of doses, reason why we will be able more and more to give to high doses to the tumor with the probable consequence increase in the local air traffic control and the survival, at the same time that we diminished the dose that receive the organs and healthy weaves next to the tumor, reducing the toxicities." As he explains, on the other hand, doctor Jose Thin Miguel, technical director of Group IMO, "considers an x-ray adapted to the tumor. In fact the tumor moves

every day because to the patient it is not possible to be placed to him every day exactly equal and because the internal organs move by multitude of physiological causes. For that reason this new system allows to verify before administering the dose that the tumor this in the same relative position with which the therapeutic strategy was planned. This allows to assure that each session is received by the tumor and not by a portion but or less great of healthy weave ". According to the president of the Spanish Society of Oncología Radioterápica: "All the restraint systems allow so much the recolocación of the patient because the target is fixed, but do not control the physiological operation of the organs nor the variations due to tumorlike answer in the treatment. Nowadays by means of which X-ray is denominated 4D (x-ray guided with TAC in real time: Tomoterapia), this already is possible ". Public system On the other hand, and as the president of the Community of Madrid announced, Hope Aguirre, present in the carried out inauguration in the Miraculous one, "the new Hospital Iron Door will be the first public center of the CAM that will count on an equipment of these characteristics". In addition, Aguirre indicated that "Madrid is to the height of the countries with better advances for the fight against the cancer, with the best professionals and means". He added that from the CAM, "one works to incorporate the new technologies for the diagnosis and treatment of all the diseases and emphasized the work of investigation that the Madrilenian hospitals make, with more than 260 clinical tests in march. The president of the CAM also talked about to the Integral Plan of Prevention and Control of the Cancer in which she works the regional Government and she asked for the citizens who go to the doctor before any symptom "because the prevention is fundamental for the fight against the cancer", according to their words. Finally, Aguirre remembered that the cancer is one of the main causes of mortality and that in the region 200,000 cases are diagnosed every year, although "every year increases the rate of survival, located in the present time in the 51.3 percent".