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→ [20.000 casos de cancer se diagnostican cada año en la Comunidad](#)



Aguirre durante su recorrido por La Milagrosa



Aguirre inaugurates the first equipment of tomoterapia of Spain for the treatment of cancer, installed in the clinic of the Miraculous one 20.000 new cases of cancer diagnose every year in the Community of Madrid. Para of increasing the effectiveness in the fight against the malignant tumors, the president of the

Community, Hope Aguirre has inaugurated east Monday the first equipment of tomoterapia of Spain, that is installed in the clinical Madrilenian of the Miraculous one. The new unit, that already is being used with the first patients, was inaugurated this morning of official form by the president of the Community of Madrid, Hope Aguirre, and the advisor of regional Health, Manuel Lamela. Aguirre emphasized that with this equipment, "Madrid is located to the world-wide vanguard in the treatment of some types of cancer" and added that the Community will install another similar equipment in the new hospital Iron Door of Majadahonda. Doctor Eric C. Rost, of world-wide the pioneering center in this technique, the Southeast Oncology Center, of Tallahassee (Flowery), explained that they have completed successfully more than 550 programs of treatment with this technology. Of them, 200 were considered nontreatable. "the tomoterapia allows to turn certain types of cancer, before considered terminal, in chronic diseases", assured. Seven of each ten patients of cancer are dealt with x-ray, the specialty that, along with the surgery, more tumors cures. But all are not accesible with the conventional technique. It is the case of the nearest vital organs and aggressive ones that have reappeared after being treated. To them it goes specially directed the tomoterapia: a revolutionary system of x-ray guided by image that attacks the tumor without affecting to the healthy weaves that surround it. It is the technique of greater precision in the radiation of tumors, specially those of lung, column, head, neck and brain. In two years and means, 550 treatments to 350 patients have been made. They have been possible to treat patients whereupon they did not tolerate the radiation by the strong indirect effect, which supposes an important complement for other therapies. In the U.S.A. 60 devices exist, but in Europe only there are them in Milan, BRUSSELS and now Madrid, in the Clinic of the Miraculous one. PRECISION SYSTEM the president of Group IMO, Jose

Samblás, explained in press conference that is "the system of greater precision in the radiation of tumors and with less indirect effect than it exists in the world, besides to be painless and comfortable for the patient". This pioneering technique, specially indicated for tumors of lung, spine, head, neck and brain, allows to treat tumors located next to vital organs or aggressive tumors that appear after being treated. Pink doctor Morera, coordinator of the Unit of Tomoterapia of the Miraculous one, insisted on which the equipment allows to make radioterápicas treatments "of high accuracy", since it is an x-ray guided by image. In addition, it allows to administer the radiation with high ingredients of dose, "with the probable consequence increase in the local air traffic control and the survival, at the same time that diminishes the dose that receives organs and healthy weaves next to the tumor, reducing the toxicity". ADAPTED To EACH TUMOR doctor Jose Thin Miguel, technical director of Group IMO, indicated that with this system he obtains a vision of the position and exact volume of a tumor in real time before initiating the x-ray session. This allows that the radiations are more need, avoiding the damage to the healthy weave that surrounds to the tumorlike cells. "It is an x-ray adapted to the tumor", explained. On the other hand, the president of the Spanish Society of Oncología Radioterápica, Ana Mañas, explained that every year they appear in Spain more than 160,000 new cases of cancer. The x-ray, single or associate, is used in the treatment of the 70 percent of the cases, it avoids the mutilations and it preserves the organ and its function. With a technique of high accuracy, the curativas radiations attack the tumor directly and remarkably reduce the time of the treatment, that in addition is painless.
