

## **Inaugurado en la Clínica La Milagrosa el primer equipo de tomoterapia de España para el tratamiento del cáncer**

4/24/2006 1:53:01 PM

MADRID 24 (EUROPE PRESS) Group IMO (Madrilenian Institute of Oncología) today inaugurated in the Clinic Miraculous of the capital the first equipment of tomoterapia of Spain (third of Europe) an advanced system of x-ray that allows to treat tumors that until now could not be cured with conventional x-ray. 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 coordinating Morera of the Unit of Tomoterapia of the Miraculous one insisted on which the equipment allows to make radioterápicos treatments "of high accuracy" since it is an x-ray guided by image. In addition it allows to administer to 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 single or associated x-ray is used in the treatment of the 70 percent of the cases avoids the mutilations and preserves the organ and its function. The new unit that already is being used with the first patients was inaugurated this morning of official form by president of the Community of Madrid Esperanza Aguirre and the advisor of regional Health Manuel Lamela. Aguirre emphasized that with this Madrid equipment she locates herself 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. To date only there were two equipment like this one working in Europe one in Milan and another one in Brussels. One hopes that throughout this year they begin to work other 17 equipment of tomoterapia in different countries from the Old Continent. In the United States where it began the technique in 2003 are sixty similar devices. Doctor Eric C. Rost of world-wide the pioneering center in this technique the Southeast Oncology Center de 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 terminal types of cancer before considered chronic diseases" aseguró.[FIN