



15.07.2010

PRESS RELEASE

γ - Knife radiosurgery: New, improved, effective and totally painless method for the treatment of brain tumors

The first stereotactic radiosurgery treatment for brain tumors with γ -Knife without the use of stereotactic frame or radiotherapy mask fixed on the head was realized at HYGEIA.

The new EXTEND system, one of the first in Europe, uses a cast (impression) of the maxilla dentition, attached by vacuum, in order to achieve the necessary fixation of the patient's head.

The particular patient had been subject to 3 γ -knife treatments in the past for other brain tumors, with the use of a stereotactic frame fixed on the skull under local anesthesia. After the use of the new less invasive fixation method, the patient described the experience as a much better one, free from a feeling of encumbrance on the head, compared to previous therapies.

The director of HYGEIA Brain Radiosurgery γ -Knife Department , Neurosurgeon, Mr. Michael Torrens, stressed that 'the big advantages of this system are the negligible discomfort for the patient, the possibility to repeat treatments quickly and easily and the possibility to treat targets lower in the head, in the face and in the neck'.

γ -Knife is the radio surgery device that replaced the open brain surgery as the preferred therapy for the majority of small brain tumors. No incision is required and the patient does not need hospitalization, being able to return to work and daily activities even on the following day.

DIAGNOSTIC & THERAPEUTIC CENTER OF ATHENS HYGEIA S.A.