FDA Approves the NovoTTF-100A System for the Treatment of Patients With Recurrent Glioblastoma Multiforme (GBM) Brain Tumors

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WASHINGTON, April 15, 2011 /PRNewswire/ -- Novocure today announced that the U.S. Food and Drug Administration (FDA) approved the NovoTTF-100A System (NovoTTF) for the treatment of adult patients with glioblastoma multiforme (GBM) brain tumors, following tumor recurrence after receiving chemotherapy. The portable, wearable device delivers an anti-mitotic, anti-cancer therapy as patients maintain their normal daily activities. The NovoTTF is a novel, first-in-class treatment option for patients and physicians battling glioblastoma.

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"Our device provides patients and physicians with a novel, non-invasive alternative to chemotherapy that is safe and effective," said Eilon Kirson, M.D., Ph.D., Novocure's Chief Medical Officer. "The device allows for continuous treatment without the usual, debilitating side effects that chemotherapies inflict on recurrent GBM patients and indirectly on their families."

Results from a 237 patient randomized pivotal trial demonstrated that compared to patients treated with chemotherapy, NovoTTF treated patients achieved comparable median overall survival times, had fewer side effects, and reported improved quality of life scores.

Glioblastoma is the most aggressive and most common form of primary brain tumor in the United States. The disease affects approximately 10,000 Americans each year. The median overall survival time from initial diagnosis is 15 months with optimal therapy, and median survival from the time of tumor recurrence is only three to four months without additional effective treatment. The disease is widely recognized as one of the most aggressive and deadly
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