Glioblastoma (GBM) is the most aggressive type of primary brain tumor. Tumor Treating Fields, a treatment that is not associated with chemotherapy, can be used as a monotherapy, and is intended as an alternative to standard medical therapy for GBM after surgical recurrence in the supratentorial region of the brain after receiving chemotherapy. The device is intended to be used as a monotherapy, and is intended as an alternative to standard medical therapy for GBM after surgical recurrence in the supratentorial region of the brain after receiving chemotherapy.

GBM is the most aggressive type of primary brain tumor. T cells, which are a component of the immune system, typically do not attack abnormal cells with normal DNA content. However, GBM cells can divide in an uncontrolled way.

If the tumor is not surgically accessible, or if surgery is not an option for the patient, it is important to consider treatment options other than surgery.

In clinical trials, the most common adverse reaction from Optune treatment was mild to moderate skin irritation beneath the device. In clinical trials, it was observed that the skin irritation could usually be managed by decreasing the Optune treatment time and using clothing made of cotton or other natural fibers. As with any treatment, it is important to discuss the potential side effects with your healthcare provider.

The following adverse reactions were considered related to Optune when using the device alone: scalp irritation from device contact with the skin, severe allergic reactions such as shock and respiratory failure. The most common (≥10%) adverse events seen when using Optune alone were scalp irritation from device contact with the skin, and device malfunction.

Please do not use Optune if you are known to be sensitive to conductive hydrogels. In this case, skin contact with the gel used with Optune may commonly cause increased redness and itching, and rarely may even lead to skin infections. Do not use Optune if you are pregnant, you think you might be pregnant or are trying to get pregnant.

It is not known if Optune is safe or effective in these populations.