

Following the light in glioma surgery: a comparison of sodium fluorescein and 5-aminolevulinic acid as surgical adjuncts in glioma resection

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Resumen. En este artículo se revisa el conocimiento actual relacionado tanto con los fluorocromos para la extirpación de tumores cerebrales, sus beneficios y dificultades, como las grandes ventajas asociadas a su uso. También se revisa brevemente a los fluorocromos adicionales en desarrollo clínico temprano. La cirugía guiada por fluorescencia es un adyuvante quirúrgico novedoso que permite delineado de tejidos neoplásicos en tiempo real.

Abstract. This article reviews the current knowledge related to fluorophores for brain tumor resection, their benefits and pitfalls, as well as the major advantages associated with their use. Additional

fluorophores in early clinical development are also briefly reviewed. Fluorescence-guided surgery is a novel surgical technique which facilitates the real-time delineation of neoplastic tissues.

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