

Materials List for:

Image-Guided Resection of Glioblastoma and Intracranial Implantation of Therapeutic Stem Cell-seeded Scaffolds

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URL: https://www.jove.com/video/57452

DOI: doi:10.3791/57452

Materials

Name	Company	Catalog Number	Comments
Just for mouse stereotaxic instrument	Stoelting	51730	Maintains steady head positioning during surgery
Fluorescence dissecting stereomicroscope	Leica	M165 FC	Allows real-time imaging of tumor during resection
Motorized integrated stereotaxic injector (ISI) system	Stoelting	53315	Allows precise tumor cell injection volume and rate
Vetbond tissue adhesive	3M	1469	Sugical glue to close skin wound
Artificial tears	Akorn	664268	Prevents eyes from drying during surgery
Webcol alcohol preps	Covidien	6818	Sterilize incision site
Betadine surgical scrub	Purdue Fredick Company	6761815117	Sterilize incision site
Cotton-tipped applicators	Fisherbrand	23-400-115	Surgery tool
E-vac aspirating system	Argos	EV310	Vacuum pump used to resect tumor
Fibrinogen and thrombin extracted from as-received TISSEEL	Baxter		To temporarily secure the scaffold in the resection cavity
IVIS Kinetic in vivo optical imaging system	Caliper Life Science		Bioluminescent Imager
D-Luciferin potassium salt	PerkinElmer	122799	In vivo imaging agent

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