Cyanoacrylate Adhesive Gel
for Brain Infusion Applications

Order Today!
Loctite 454 Adhesive (3 gram tube)
Item No. 0008670

Product Description & Applications
No mix, instant adhesive gel for use with ALZET® Brain Infusion Kits and other brain infusion cannulae
A convenient alternative to cranioplastics / dental cement
A very thin layer on the base of the pedestal adheres the cannula to the skull
Ideal for use in mice and other small animals when using short pedestal cannulae
One 3 gram tube is enough for 10 brain infusion cannulae implantations

Advantages of Cyanoacrylate Gel Over Dental Cement

Significant time savings for the researcher
- Studies indicate a substantial reduction in surgical time compared to the dental cement technique
- Comes ready to use; no need to mix during surgery

Significant animal welfare benefit
- Less stress to the experimental animal
- Reduced time under anesthesia
- Less adhesive material needed, thereby less overall implant size and weight on the animals
- Easier to close the skin over the cannula.
- Less trauma to animals since fewer (or no) screws required to stabilize the cannula
- Minimal heat generated during curing

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References