Cyanoacrylate Adhesive (Application Tip)

Loctite 454 (Item Number: 0008670) is an instant adhesive gel for use with ALZET® Brain Infusion Kits and other brain infusion cannulae. It offers a convenient alternative to cranioplastc dental cements.

The following tips will ensure that you take full advantage of the excellent benefits this adhesive has to offer:

- Apply a thin layer of adhesive to the underside of the cannula pedestal, so that it coats the pedestal, but not so much that it forms a drop. Too much adhesive can prolong the drying process and result in a weak bond.

- Do not cover the cannula with cyanoacrylate adhesive as you would with dental cement.

- When lowering the cannula into place, ensure the skull is completely dry to create a proper drying surface.

- Cyanoacrylate adhesive is biodegradable and some researchers have noted that the bond will weaken beyond 4 weeks.

- To remove cyanoacrylate adhesive, the following product from Henkel Loctite Corporation can be used:

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Catalog Number</th>
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<tbody>
<tr>
<td>XNMS Solvent (1.75 oz bottle)</td>
<td>76820</td>
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Click here: [http://www.alzet.com/products/loctite.php](http://www.alzet.com/products/loctite.php) to learn more about Loctite 454 or to see supporting documents (e.g., SDS, published studies, etc.).