**In Vitro Persistence Comparison**

<table>
<thead>
<tr>
<th>Day 0: Initial Coating</th>
<th>Day 2: Seal remains intact</th>
<th>Day 5: Seal remains intact</th>
<th>Day 2: Degradation evident by thinning</th>
<th>Day 5: Near complete degradation</th>
</tr>
</thead>
</table>

*Fibrin glue has not been FDA approved for use as a dural sealant.

Scanning electron micrograph top-down, cross-section depiction of *in vitro* persistence of DuraSeal® Exact (Integra LifeSciences) and fibrin glue on dura substrate at 0, 2, and 5 days.¹

Integra Test Report PV-13-033
DURASEAL® EXACT INDICATION:
The DuraSeal® Exact Spine Sealant System is indicated for use as an adjunct to sutured dural repair during spinal surgery to provide watertight closure.

CONTRAINDICATIONS:
Do not apply the DuraSeal® Exact hydrogel to confined bony structures where nerves and spinal cord are present since neural compression may result due to hydrogel swelling. The hydrogel may swell up to 12% of its size in any dimension.

WARNINGS:
In the treatment arm of the DuraSeal® Exact PMA clinical study the rate of post-operative CSF leaks in Chiari malformation procedures was reported as 30.4% (7/23). Of the 30.4%, 8.7% are CSF Fistula, 8.7% are Pseudomeningocele (surgical intervention required), and 13% are Pseudomeningocele (no surgical intervention required).

SAFETY RESULTS:
In the PMA study of 98 randomized subjects, the overall incidence of protocol defined CSF leaks within 90 days post-procedure was slightly lower in the DuraSeal® Exact arm, but not statistically different within the two groups: DuraSeal® Exact 11.0% vs. Control 12.5%. There were no statistically significant differences between treatments in the incidence of AEs and SAEs between the two treatment groups.

Please see Instructions for Use for more information.

DuraSeal, Integra, and the Integra logo are registered trademarks of Integra LifeSciences Corporation or its subsidiaries in the United States and/or other countries.

© 2014 Integra LifeSciences Corporation. All rights reserved. Printed in the USA. 0265246