Leica CV Ultra versus Pertex

**Introduction**
Cytology lab technicians sometimes prefer Pertex, because of very quick fixing.
Tests were done and Pertex mounts a bit faster than Leica CV Ultra.
Initial fixing takes about 5 min versus 10 min for Leica CV Ultra. But after 1 hour the Leica CV Ultra and Pertex mount the cover glass to the same extent.

**Details**
Sticking performance tests were done, by mounting a cover glass on a microscopic slide after a bath of Xylene. Xylene was used, because Pertex infridges with ST Ultra. *

The time needed for the initial fixing was checked. Also viscosity has been checked and Pertex and Leica CV Ultra have more or less the same viscosity. So there is a small difference but for cytology use Leica CV Ultra is very well applicable.

In the table you will find an overview of the properties of both products.

* Leica ST Ultra will be available from December 2001 on

<table>
<thead>
<tr>
<th>Criteria</th>
<th>CV Ultra (Leica)</th>
<th>Pertex (Histoline)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial mounting</td>
<td>10 min.</td>
<td>5 min.</td>
</tr>
<tr>
<td>Mounting after one hour</td>
<td>OK</td>
<td>OK</td>
</tr>
<tr>
<td>Contains Xylene</td>
<td>NO</td>
<td>YES!</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Equal</td>
<td>Equal</td>
</tr>
<tr>
<td>Can be used with Xylene, ST Ultra, IPA</td>
<td>YES</td>
<td>Only Xylene</td>
</tr>
<tr>
<td>Thickens when used</td>
<td>NO</td>
<td>YES, addition of Xylene is necessary</td>
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