Maximizing blood collection with minimal penetration depth

Metabolic diseases and endocrinopathies should be detected as early as possible in newborns in order to initiate the correct treatment promptly and effectively. A newborn screening blood collection needs to be performed to achieve this, conventionally by puncturing the baby's heel. Conventional lancets cause vertical puncture, which drastically increases the risk of injury (i.e., cutting through to the bone) and haematoma. This is often an uncomfortable procedure. The Safety-Heel® incision lancet is ideal for reducing the pain experienced and thereby optimizing the blood collection process. The crescent-shaped incision path and shallow penetration depth minimize the formation of haematoma. This method enables much gentler blood collection, particularly with young patients.

Innovative high-speed lancet with crescent-shaped, gentle cutting technique

- Optimum blood flow without additional rubbing or massage
- Adequate blood volume
- Significantly less pain
- Rapid healing due to low penetration depth
- Minimizes formation of haematoma
Safety-Heel® Newborn/Preemie – incision lancet

Standard lancet
- Vertical firing direction of the blade
- Cylindrical puncture
- Haematoma formation

Incision lancet
- Crescent-shaped incision path
- Shallow penetration depth
- Minimises formation of haematoma

Handling the Safety-Heel® – incision lancet

1. Select and disinfect a suitable puncture site.
2. After pressing the firing button, the lancet is ready to use once the white tensioning device has been pulled back using your index finger.
3. Lift the foot into a suitable position. Press the blade opening flat against the selected and disinfected puncture site and press the trigger button. The safety incision lancet must always be positioned and triggered parallel to the length of the foot (never across the heel)! The triangle points to the blade exit point.
4. After pressing the firing button, remove the lancet from the heel.
5. Dispose of the lancet in a suitable disposal box.
6. Discard the first drop of blood. Then fill the capillary tube.

Ordering information

<table>
<thead>
<tr>
<th>Art. no</th>
<th>Application</th>
<th>Penetration depth</th>
<th>Incision length</th>
<th>Packaging</th>
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<tr>
<td>85.1025</td>
<td>Premature babies</td>
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<td>1.75 mm</td>
<td>50/inner box 200/outer box</td>
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<td>85.1026</td>
<td>Neonates</td>
<td>1.0 mm</td>
<td>2.5 mm</td>
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