# PAL Cannulas

## Single-Port Cannulas
- **Tip Style**
  - Single-Port
- **Multi-Use**
  - PAL-300LL
  - PAL-300LS
  - PAL-300SS
  - PAL-240LS
  - PAL-240SS
  - PAL-240LS
  - PAL-240LM
- **Diameter**
  - 3mm
  - 3mm
  - 3mm
  - 2.4mm
  - 2.4mm
  - 2.4mm
  - 2.4mm
- **Length**
  - 30cm
  - 22cm
  - 22cm
  - 22cm
  - 22cm
  - 15cm
  - 15cm
- **Port Length**
  - 8mm
  - 8mm
  - 6mm
  - 7.5mm
  - 5mm
  - 7.5mm
- **90° of extraction**
- **Non-aggressive**
- **Good for sensitive areas such as the neck and back**
- **Ports can be directed away from the skin to prevent surface irregularities**

## Mercedes Cannulas
- **Tip Style**
  - Mercedes
- **Diameter**
  - 5mm
  - 5mm
  - 4mm
  - 4mm
  - 3mm
  - 3mm
  - 2.4mm
- **Length**
  - 30cm
  - 22cm
  - 30cm
  - 30cm
  - 30cm
  - 22cm
  - 40cm
- **Port Length**
  - 10mm
  - 10mm
  - 10mm
  - 10mm
  - 8mm
  - 10mm
  - 10mm
- **360° of extraction**
- **Moderately aggressive**
- **The most popular cannula style**

## Double Mercedes Cannulas
- **Tip Style**
  - Double Mercedes
- **Diameter**
  - 5mm
  - 5mm
  - 4mm
  - 4mm
  - 3mm
  - 3mm
- **Length**
  - 30cm
  - 22cm
  - 30cm
  - 30cm
  - 30cm
  - 22cm
- **Port Length**
  - 10mm
  - 10mm
  - 10mm
  - 10mm
  - 8mm
  - 10mm
- **360° of extraction**
- **Aggressive**
- **Good for fibrous tissue and large-volume extraction**

## Mirrored Tri-Port II Cannulas
- **Tip Style**
  - Mirrored Tri-Port II
- **Diameter**
  - 5mm
  - 5mm
  - 4mm
  - 4mm
  - 3mm
  - 3mm
- **Length**
  - 30cm
  - 22cm
  - 30cm
  - 30cm
  - 30cm
  - 22cm
- **Port Length**
  - 10mm
  - 10mm
  - 10mm
  - 10mm
  - 8mm
  - 10mm
- **270° of extraction**
- **Aggressive**
- **Ports can be directed away from the skin to prevent surface irregularities**

## Tri-Port II Cannulas
- **Tip Style**
  - Tri-Port II
- **Diameter**
  - 4mm
  - 4mm
  - 3mm
  - 3mm
- **Length**
  - 30cm
  - 30cm
  - 30cm
  - 22cm
- **Port Length**
  - 10mm
  - 8mm
  - 8mm
  - 8mm
- **270° of extraction**
- **Moderately aggressive**
- **Ports can be directed away from the skin to prevent surface irregularities**

## Tri-Port III Cannulas
- **Tip Style**
  - Tri-Port III
- **Diameter**
  - 4mm
  - 4mm
  - 3mm
  - 3mm
- **Length**
  - 30cm
  - 30cm
  - 30cm
  - 22cm
- **Port Length**
  - 10mm
  - 8mm
  - 8mm
  - 8mm
- **90° of extraction**
- **Moderately aggressive**
- **Ports can be directed away from the skin to prevent surface irregularities**
### PAL Cannulas

#### Multi-Hole Cannulas
- **360° of extraction**
- **Non-aggressive**
- Produces small lobules for small-volume grafting
- Also ideal for fine sculpting and feathering
- Excellent for removing fat after laser or ultrasonic procedures

<table>
<thead>
<tr>
<th>Tip Style</th>
<th>Multi-Use</th>
<th>Single-Use</th>
<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Hole</td>
<td>PAL-R30MLL</td>
<td>PAL-30MLL</td>
<td>3mm</td>
<td>30cm</td>
<td>1.9mm</td>
</tr>
<tr>
<td></td>
<td>PAL-R30MLS</td>
<td>PAL-30MLS</td>
<td>3mm</td>
<td>22cm</td>
<td>1.9mm</td>
</tr>
<tr>
<td></td>
<td>PAL-R30MLM</td>
<td>PAL-30MLM</td>
<td>3mm</td>
<td>15cm</td>
<td>1.9mm</td>
</tr>
</tbody>
</table>

#### Del Vecchio Track-12 Cannulas
- **270° of extraction**
- **Aggressive**
- Designed for harvesting small lobules for grafting

<table>
<thead>
<tr>
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<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAL-R4012XL</td>
<td>4mm</td>
<td>40cm</td>
<td>6mm</td>
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</tbody>
</table>

#### Helixed Tri-Port III Cannulas
- **270° of extraction**
- **Aggressive**
- Designed for high-fibrous areas
- Ideal for gynecomastia cases

<table>
<thead>
<tr>
<th>Tip Style</th>
<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAL-R407LL</td>
<td>4mm</td>
<td>30cm</td>
<td>10mm</td>
</tr>
<tr>
<td>PAL-R407LS</td>
<td>4mm</td>
<td>22cm</td>
<td>10mm</td>
</tr>
</tbody>
</table>

#### Spatula Cannulas
- **90° of extraction**
- Short, non-aggressive cannula with a blunt tip
- Ideal for delicate areas such as the neck and back

<table>
<thead>
<tr>
<th>Tip Style</th>
<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAL-24S1</td>
<td>2.4mm</td>
<td>15cm</td>
<td>3mm</td>
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</tbody>
</table>

#### Flared Mercedes Cannulas
- **360° of extraction**
- **Aggressive**
- Ideal for debulking, dissection, and pre-tunneling
- Good for breaking up fat without suction, prior to sculpting and extraction

<table>
<thead>
<tr>
<th>Tip Style</th>
<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAL-R508LL</td>
<td>5mm</td>
<td>30cm</td>
<td>10mm</td>
</tr>
<tr>
<td>PAL-R508LS</td>
<td>5mm</td>
<td>22cm</td>
<td>10mm</td>
</tr>
</tbody>
</table>

#### Bent Cannulas
- Effective for pre-tunneling
- Good for debulking and extraction

<table>
<thead>
<tr>
<th>Tip Style</th>
<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
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</thead>
<tbody>
<tr>
<td>PAL-R408LLB</td>
<td>4mm</td>
<td>30cm</td>
<td>9mm</td>
</tr>
<tr>
<td>PAL-R408LBB</td>
<td>4mm</td>
<td>30cm</td>
<td>9mm</td>
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#### Turbo Cannulas
- Allows air to vent through the tube during liposuction for better flow rates
- Not recommended for harvesting fat to be re-injected

<table>
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<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
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<tbody>
<tr>
<td>PAL-505LLT</td>
<td>5mm</td>
<td>30cm</td>
<td>10mm</td>
</tr>
<tr>
<td>PAL-405LTT</td>
<td>4mm</td>
<td>30cm</td>
<td>10mm</td>
</tr>
</tbody>
</table>

#### HD Cannulas
- **270° of extraction**
- Moderately aggressive
- Ideal for sculpting of superficial fat layer

<table>
<thead>
<tr>
<th>Tip Style</th>
<th>Diameter</th>
<th>Length</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAL-50HLLB</td>
<td>5mm</td>
<td>30cm</td>
<td>10mm</td>
</tr>
<tr>
<td>PAL-40HLL</td>
<td>4mm</td>
<td>30cm</td>
<td>10mm</td>
</tr>
</tbody>
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