Single Use Electrosurgical Knife KD-612

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Channel diameter</th>
<th>Working length</th>
<th>Tip diameter</th>
<th>Electrode diameter</th>
<th>Cutting knife length</th>
<th>Sterile, single-use</th>
<th>Built-in handle</th>
</tr>
</thead>
<tbody>
<tr>
<td>KD-612L</td>
<td>2.8 mm or more</td>
<td>1650 mm</td>
<td>1.7 mm</td>
<td>0.9 mm</td>
<td>3.5 mm</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>KD-612U</td>
<td></td>
<td>2300 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

Cautions on use of the knives and supporting devices for ESD

Warning

Before use, thoroughly read the manual and use the instruments as instructed.

These instruments have been designed for use by physicians or medical personnel under the supervision of a physician.

In certain cases, the use of these instruments could lead to perforation or hemorrhage and may require surgical intervention as an emergency measure. Only use this product if you have received appropriate training in order to develop an understanding of the clinical application and the proper use of this product.

For information on training, consult your healthcare professional.

See instruction manual for further information.

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For a complete listing of sales and service locations visit:
www.olympus.com

Printed in Japan F0375E4-082012
Advancing the Evolution of ITknife

ITknife nano™ — Another way OLYMPUS are supporting more efficient Endoscopic Submucosal Dissection (ESD). ITknife nano™ facilitates more effective application of ESD in areas where the submucosal layer is thin and working area is limited, such as in the oesophagus and the colon. Since it also features the insulated tip design made popular by the previous model ITknife2™, safety and reliability are assured during ESD. With its advanced new design, ITknife nano™ is today’s knife of choice for ESD procedures.

Clinical applications of ITknife nano™

- Smaller insulated tip
  - Improves the manoeuvrability of the knife in organs with a thin submucosal layer.
  - Makes it easier to slide the knife under the thin submucosal layer for more reliable dissection.

- Disc-shaped electrode
  - A small, disc-shaped electrode on the bottom of the insulated tip is optimised for organs with a thin submucosal layer.
  - This design supports accurate control of the cutting area.

- Optimised knife length
  - At just 3.5 mm, the knife length is shorter than on previous models, which allows for improved manoeuvrability in constricted areas, such as the oesophagus and the colon.

Note: This device cannot be used in areas which have a thick mucosal layer such as the stomach.