Pancreatic Cysts*
Real-time Differentiation

Problem statement
• Many patients with pancreatic cysts do not get a definitive diagnosis after an Endoscopic Ultrasound-guided Fine Needle Aspiration (EUS-FNA) procedure

Current solution and limitations
Although EUS-FNA is currently common practice, its sensitivity for cystic lesions diagnosis is low:
• Cytology has a sensitivity up to 40%\(^1\)
• Carcino-Embryonic Antigen (CEA) improves sensitivity to 75%\(^1\), potentially leaving many patients with malignant cysts

Potential Cellvizio advantages
Clinical studies have demonstrated that Cellvizio can facilitate\(^2,3,4\)
• The differentiation between mucinous and non-mucinous pancreatic cysts during EUS-FNA procedures
• The quick identification of patients who need surgery
• The reduction of unnecessary diagnostic procedures

Detection of mucinous pancreatic cysts
Higher diagnostic yield of nCLE compared to CEA or cytology\(^1\)

Cellvizio images\(^3\)

Intraductal Papillary Mucinous Neoplasm (IPMN)  Serous Cystadenoma

 INSPECT study \(^1\)  DETECT study \(^2\)

Higher diagnostic yield of nCLE compared to CEA or cytology\(^1\)

<table>
<thead>
<tr>
<th></th>
<th>Sensitivity of nCLE</th>
<th>Specificity of nCLE</th>
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<tbody>
<tr>
<td>Intraductal</td>
<td>59%</td>
<td>100%</td>
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<tr>
<td>Papillary</td>
<td></td>
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<tr>
<td>Mucinous</td>
<td></td>
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<tr>
<td>Neoplasm (IPMN)</td>
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<tr>
<td>Serous</td>
<td>75%</td>
<td>100%</td>
</tr>
<tr>
<td>Cystadenoma</td>
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</tr>
</tbody>
</table>

\(^1\) INSPECT study
\(^2\) DETECT study
\(^3\) Cellvizio images
References

3. Konda V, An International, Multi-Center Trial on Needle-Based Confocal Laser Endomicroscopy (nCLE): Results From the In Vivo CLE Study in the Pancreas With Endosonography of Cystic Tumors (INSPECT), poster at DDW 2012

Confocal Miniprobes™ are intended to be used during standard endoscopy procedures. Once connected to the Cellvizio® system, Confocal Miniprobes™ are inserted through the lumen of endoscopes or endoscope accessories to provide imaging through direct contact of their distal tip with tissues within or adjacent to the gastrointestinal and respiratory tracts.

The Cellvizio System is a regulated Medical Device CE marked (Class Ila - NB : LNE/G-MED) and FDA cleared. Please consult labels and instructions for use.

* The AQ-Flex™ 19 Confocal Miniprobe™ has not been cleared by the FDA

Better patient care is our aim