PERMACOL™ COLLAGEN PASTE
FOR ANORECTAL FISTULA REPAIR
Because the treatment of anorectal fistulas remains a clinical challenge...

- 18-52% of patients suffer from **continence disorders** after fistulotomy\(^1\)
- **Up to 21% recurrence rate** observed after surgical treatment (rectal advancement flap)\(^2\)
- **Up to 9% of patients can suffer delayed postoperative complications** following fistula surgery\(^3\)

**Permacol™ collagen paste offers an innovative alternative: an **injectable soft tissue filler** designed for the repair of anorectal fistulas.**

**At 3 Months\(^4\)**
Collagen-based tissue scaffold provides an internal matrix to facilitate neovascularization and cellular infiltration\(^4\)

\[^1\] Video Assisted Anal Fistula Treatment  
\[^2\] Artist Interpretation
Permacol™ Collagen Paste’s Fit in Anal Fistula Treatment Paradigm

- Designed to enhance the management of anal fistula repair
- Minimally-invasive solution reducing the risk of faecal incontinence
- Potentially reduces the risk of fistula recurrence

Permacol™ collagen paste would be applicable for all fistulas, and would be most beneficial to treat the transphincteric portion of the fistula or where the risk of incontinence is unacceptable to patients.

- ~40% of anal abscesses result in anal fistula
- ~50% of Crohn’s disease patients will develop an anal fistula

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**Etiology**

- Idiopathic
- Other Etiologies (HIV, TB, etc)
- Crohn’s Disease

**Fistula Type**

- Intersphincteric
- Low Transphincteric
- High Transphincteric
- Transphincteric
- Intersphincteric

**Treatment Options**

- Fistulotomy
- Cutting Seton or Advancement Flap
- Fibrin Glue Injection or Anal Fistula Plug
- Draining Seton
- Medications (Antibiotics or Anti-TNFs)

- Potential Permacol™ collagen paste use

- 18.52% of patients suffer from continence disorders after fistulotomy
- Fistulotomy result in high incontinence rate for women with rectovaginal fistulas
- Cutting setons result in high incontinence rates
- Advancement flaps result in high incontinence rates
- Fibrin glue and anal fistula plug treatments can be repeated
- Up to 100% eligible for paste if risk of incontinence is not acceptable
- 70-80% receive surgery
- 100% receive surgery
PERMACOL™ COLLAGEN PASTE
FOR ANORECTAL FISTULA REPAIR

Ordering Information

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<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
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<tr>
<td>K6000-300</td>
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<td>Guiding-catheter for Permacol™ collagen paste</td>
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• 3.0 ml Permacol™ collagen paste syringe
• Guiding-catheter for Permacol™ collagen paste

References

5. Design validation study conducted by Covidien and consisting of a usability laboratory test to assess Permacol™ collagen paste in a pig model in simulated clinical settings (Covidien internal study report TDM1721, March 2012).
8. As per the consensus gathered by Covidien from anal fistula repair key opinion leaders in August 2011 (Permacol™ collagen paste applicability, Note to File, March 2012).

This information is intended for residents of the European Union only.

For more information or to set-up a product demonstration, contact your local Covidien representative.

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