PureRegen® gel Sinus for adhesion prevention and facilitation of mucociliary regeneration

Order information

<table>
<thead>
<tr>
<th>Product name</th>
<th>REF Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>PureRegen® gel Sinus</td>
<td>40-011-001</td>
<td>Sterile gel (2cc) in glass syringe, delivery cannula</td>
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<tr>
<td>PureRegen® gel Sinus</td>
<td>40-011-003</td>
<td>Sterile gel (5cc) in glass syringe, delivery cannula</td>
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</tbody>
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Developed and manufactured by:

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Advance the dressing material for ENT patients
PureRegen® Gel SINUS: unique features

- Proprietary self-crosslinking technique: no toxic residual and xenogenic proteins, excellent biocompatibility
- Gentle material modification method: preserved biological function of natural hyaluronan
- Adequate viscosity and hydrophilic property: creation of moist environment facilitating re-mucosalization
- Controlled degradation profile: physical barrier during the mucous regeneration critical period to prevent adhesion and scar formation
- Terminal sterilization of the gel: maximized safety after application
- Dissolvable hydrogel: reduced discomfort to the patients and no need to remove

Instruction for Use:

1. Open the protective entry box and pull the product pack out
2. Inserting the needle-image through the package, remove the PureRegen® Gel SINUS from the package and place on the sterile field
3. Remove the tip cap from the syringe
4. Attach the graduated delivery cannula with the syringe. The cannula is placed inside the same lumen as for the gel
5. Upon completion of the FESS, instill the PureRegen® Gel SINUS to fill the cavity and cover all mucosa until new amount of gel leaking out from the cannula

Proven efficacy of PureRegen® Gel SINUS to prevent adhesion and facilitate mucociliary regeneration:

Controlled degradation profile:

PureRegen® Gel SINUS degradation profile matches the critical repair period, esp. the inflammatory processes after surgery, thereby providing effective barrier between the mucosal surfaces and prevent adhesion. The complete dissolution of PureRegen® Gel SINUS eliminates the need for painful packing removal and secondary damage to the fresh mucous.

Prospective, randomized, controlled multiple center clinical studies (Level I) in China and USA demonstrated that PureRegen® Gel SINUS resulted in fewer adhesion, better re-mucosalization, and reduced edema and crust than the control group (3,4,5).

References: