



## TRACHJELL® Lubrication for Airway Devices

### AT A GLANCE

- water-soluble lubricating gel to facilitate safe and atraumatic placement of airway devices
- sterile, helps prevent contamination of intubation site
- break-off-tip for quick release
- prefilled accordion tube enables easy handling and controlled dosage
- single-dose (8.5 g), ideal for application during one intubation procedure
- sterile
- individually packed

### FACILITATING INTUBATION WHILE PREVENTING CONTAMINATION

TrachJell is a greaseless water-soluble lubricating gel intended for use in airway management. For instance, a lubricating gel is necessary when introducing a laryngeal mask into a patient's oropharyngeal space. In order to avoid patient trauma, TrachJell may also be used to facilitate the insertion of a tracheostomy cannula. Furthermore, TrachJell can be used with endotracheal tubes or double lumen tubes in order to facilitate intubation.

Numerous clinical studies have demonstrated that lubrication in both laryngeal masks and endotracheal tubes has the following advantages:

- it facilitates correct insertion by acting like saliva during normal swallowing<sup>1</sup>
- it helps overcome the sore throat and pharyngeal mucosal bleeding associated with oral endotracheal intubation<sup>2</sup>

- it prevents aspiration by plugging the channels in the cuff wall<sup>3</sup>
- significantly reduces fluid leakage past the tracheal cuff of double lumen tubes and should be considered for all thoracic surgical patients requiring one-lung ventilation<sup>4</sup>

The use of a sterile lubricating gel also helps enormously to prevent the intubation field from contamination. TrachJell is applied and acts topically. It is colourless and odourless, and contains no active ingredients.

It is supplied in prefilled accordion containers for exact dosage and with a break-off tip for quick release. TrachJell is extremely convenient, easy to use and increases the safety of your procedures for you and your patients.



- ① break-off tip
- ② water-soluble, steam-sterilised gel
- ③ accordion tube (with 8.5 g gel) – for a controlled dosage and perfect handling. The exact quantity used depends on the user, patient and intubation difficulty.

## HOW TO USE TRACHJELL®

Laryngeal mask placement: lubrication should be thorough, but it is important to avoid leaving globules of lubricant on the anterior surface of the cuff, or in the bowl of the mask. This is because it may result in blockage of the aperture or inhalation of lubricant after insertion, and lead to laryngeal spasm, coughing or obstruction. There is no need to smear the whole back surface but simply to place a bolus in the saucer-shaped depression in the dorsal tip prior to introduction. Avoid getting lubricant on the index finger since this will make it difficult to grip the laryngeal mask during insertion<sup>1</sup>.

When performed on an ETT, the distal tip of the tube is lubricated so it can pass smoothly into the trachea. If an introducer is used, it should also be lubricated to facilitate sliding into and out of the tube and to enable it to be removed easily.

Composition of the gel: hydroxy-ethylcellulose, glycerol, water for injection, sodium chloride. After oral administration, sodium chloride as well as glycerol are readily absorbed from the gastrointestinal tract (Sweetman, 2002a & b<sup>5</sup>).  
The gel has a pH of 5.

## ORDERING INFORMATION

### TRACHJELL

REF.	DESCRIPTION	QTY
556100-000000	<ul style="list-style-type: none"> <li>• water-soluble lubricating gel</li> <li>• 8.5 g</li> <li>• sterile, single use</li> </ul>	25

<sup>1</sup> Keller C, Sparr HJ, Brimacombe JR. Laryngeal mask lubrication. A comparative study of saline versus 2% lidocaine gel with cuff pressure control. *Anaesthesia*. 1997 Jun; 52 (6): 592-7.

<sup>2</sup> Estebe JP, Dealhaye S, Le Corre P, Dollo G, Le Naoures A, Chevanne F, Ecoffey C. Alkalinization of intra-cuff lidocaine and use of gel lubrication protect against tracheal tube-induced emergence phenomena. *Br J Anaesth*. 2004 Mar; 92(3):361-6.

<sup>3</sup> Blunt MC, Young PJ, Patil A, Haddock A. Gel lubrication of the tracheal tube cuff reduces pulmonary aspiration. *Anesthesiology*. 2001 Aug; 95(2):377-81

<sup>4</sup> Sanjay PS, Miller SA, Corry PR, Russell GN, Pennefather SH. The effect of gel lubrication on cuff leakage of double lumen tubes during thoracic surgery. *Anaesthesia* 2006 Feb; 61(2):133-7.

<sup>5</sup> Sweetman SC. Electrolytes. Sodium. In: Sweetman SC, Blake PS, McGlashan JM, Parsons AV, editors: *Martindale The Complete Drug Reference*, 33rd Ed. London, Chicago: Pharmaceutical Press; 2002a. p.1196-7.  
Sweetman SC. Supplementary Drugs and Other Substances. Glycerine. In: Sweetman SC, Blake PS, McGlashan JM, Parsons AV, editors: *Martindale The Complete Drug Reference*, 33rd Ed. London, Chicago: Pharmaceutical Press; 2002b. p.1616-7.



The required dose at your fingertips.

The information provided here on the application of TrachJell is no substitute for carefully reading the instructions for use.

TrachJell is a product of Montavit, Austria

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