

# ala<sup>®</sup> sil infusion

infusion bottle

silicone oil  
irrigation solution

Easy handling  
Safe application  
Enhanced view  
when strong  
bleeding occurs



# ala<sup>®</sup>sil infusion

## Application

ala<sup>®</sup>sil infusion is used as an intraoperative instrument in retinal surgery, particular in situation of:

severe bleeding/trauma

heavy persistent haemorrhaging

penetrating injuries

## Description

ala<sup>®</sup>sil infusion is a colourless, homogeneous liquid composed of ultrapure polydimethylsiloxane with the formula  $(\text{CH}_3)_2\text{SiO}-[\text{Si}(\text{CH}_3)_2\text{O}]_n-\text{Si}(\text{CH}_3)_3$ . ala<sup>®</sup>sil infusion is chemically and physiologically inert and has a viscosity of 5 mPas. Silicone oils produced by alamedics<sup>®</sup> GmbH & Co. KG are characterised by their consistently high

quality. ala<sup>®</sup>sil infusion is used as an intraocular irrigating solution. ala<sup>®</sup>sil infusion is used especially for the treatment during difficult cases of intraocular haemorrhaging and severe trauma in which conventional BSS is replaced by the silicone oil infusion.

## Preparation of ala<sup>®</sup>sil infusion



1 Remove plastic cover from the metal cap



2 Insert the infusion system into the rubber cap of the infusion bottle



3 Use ala<sup>®</sup>sil infusion in the same way as BSS

## Instruction for use of ala<sup>®</sup>sil infusion

ala<sup>®</sup>sil infusion is used for severe trauma or heavy haemorrhaging during surgery. ala<sup>®</sup>sil infusion is used analogously to an aqueous irrigating solution (e.g., BSS) and replaces this during surgery. ala<sup>®</sup>sil infusion is immiscible with water or blood and thus allows a clear view during surgery. Once the operation is complete, ala<sup>®</sup>sil infusion must be completely removed from the eye. Because of its significantly lower density, ala<sup>®</sup>sil infusion can be displaced from the eye by introducing an aqueous irrigating fluid. Any traces, for example, on the back of the capsular bag, must be actively removed.

## Composition

The product contains 100 % polydimethylsiloxane

## Physical & chemical properties

Fill quantity glass bottle	70 ml
Viscosity [mPas]	3-7
Density (g/cm <sup>3</sup> )	0.9

## Contraindications

ala<sup>®</sup>sil infusion must not be used in patients who are hypersensitive to silicone oil or have an IOL made from silicone. In addition, laser coagulation or cryotherapy must not be carried out on eyes filled with ala<sup>®</sup>sil infusion.

## Warnings

The use of silicone oils can lead to the formation of cataracts and secondary glaucoma. In isolated cases corneal nodule and emulsification have been observed. Interactions with other agents are not known.

Do not use this product after the expiry date. The expiry date is shown on the packaging. Only use undamaged packages. Infusion bottles are only intended for single use on one patient. Repeated use can lead to microbial contamination, which may cause a severe infection in the patient.

## Packaging

Glass bottle

## Dimension

16 cm x 8 cm x 8 cm

## Weight

255 g

## ala<sup>®</sup>sil infusion

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