

"Unmatched purity of Vitreq surgical liquids."

Vitreq a company of:





# **Perfluorocarbons**

Vitreq developed two perfluorocarbons for the vitreoretinal surgery.

Deca-Vit and Octa-Vit for draining sub retinal fluids and flattening retina in vitreoretinal surgery. Additional indications include: lifting diving nucleus or luxated IOL's, bleeding control etc.



- Naturally-pure basic materials, additionally highly purified.
- Maximum interfacial tension to avoid mixture with other liquids.
- Syringe packaged, ready-for-use.
- 5 ml and 7 ml syringe packaging.
- Produced according to EN ISO 13485-2012.
- CE certified.

## **Deca-Vit**

Art.No.: SL00.P11 Deca-Vit Syringe, 5 ml
Art.No.: SL00.P12 Deca-Vit Syringe, 7 ml

Deca-Vit Syringe, 5 ml
REF SL00/P11

## **Specifications**

- Specific Gravity: 1.93 G/cm<sup>3.</sup>
- Refractive Index: 1.31
- Boiling Point: 140 Celsius

## **Surgical Benefits**

- Higher gravity
- High(er) interfacial tension to silicone oil
- High(er) refractive index for visible differentiation with BSS and silicone oil

## Octa-Vit



## **Specifications**

• Specific Gravity: 1.77 G/cm<sup>3</sup>

• Refractive Index: 1.27

• Boiling Point: 101-105 Celsius

#### **Surgical Benefits**

- High vapor pressure allows evaporation of residual droplets
- Easier complete removal at the end of the surgery



# Silicone oils

Vitreq developed for the vitreoretinal surgery two silicone oils Sil-Vit 1.000 and Sil-Vit 5.000 for use as an endo-tamponade to re-attach detached retina to the underlying choroid.

- Naturally-pure basic materials, additionally highly purified.
- Maximum interfacial tension to avoid mixture with other liquids.
- Syringe packaged, ready-for-use.
- Produced according to EN ISO 13485-2012.
- CE certified.



## **Sil-Vit 1000**

Art.No.: SL00.S11

Sil-Vit 1.000 Cst Syringe, 10ml

Syringe

Sil-Vit 1000 Cst Syringe, 10 ml

## **Specifications**

• Viscosity: 1,000 – 1,500 mPas (Centistokes)

• Refractive Index: 1.40

• Specific Gravity: 0.97 G/cm<sup>3</sup>

Surface Tension: 21 mn/m versus air and 40 mn/m

## **Surgical Benefits**

 Low viscosity, easy and quick to inject and to remove

## **Sil-Vit 5000**



## **Specifications**

• Viscosity: 5,000 – 5,900 mPas (Centistokes)

• Refractive Index: 1.40

• Specific Gravity: 0.97 G/cm<sup>3</sup>

 Surface Tension: 21 mn/m versus air and 40 mn/m versus water

## **Surgical Benefits**

• 5,000 centistokes viscosity for high viscosity endo-tamponade







#### **ISO Certification**

Vitreq's quality system complies with the international quality and regulatory requirements and is certified by the Notified Body DQS Medizinprodukte GmbH, according to international standard ISO 13485 Medical devices – Quality management systems – Requirements for regulatory purposes.

#### **CE Certification**

The Vitrea medical devices are certified according to the medical device directive 93/42/EEC.

### **European Countries**

To order Vitreq products in Europe contact a Customer Service Representative via e-mail, telephone or fax.

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