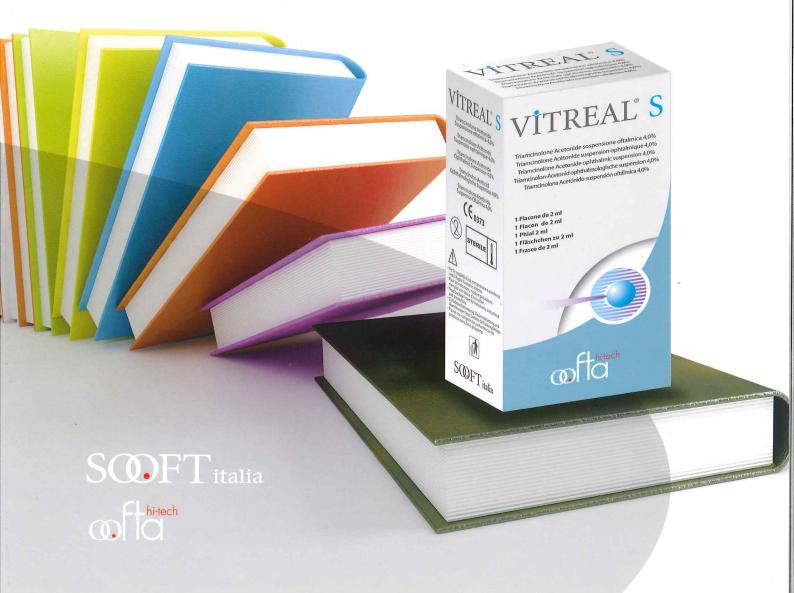
An innovative and safe surgical approach for vitrectomy procedure

## VITREAL® S

Triamcinolone Acetonide Ophthalmic Suspension

HEW

### TAKEN FROM SCIENTIFIC LITERATURE





# VITREAL S



VITREAL® S consists of a medical device used in endocular surgery for the colouring of the vitreous humour and removal of the epiretinal membrane under vitrectomy. The Triamcinolone micro-particles highlight the presence of the vitreous humour and the epiretinal membrane, facilitating their removal during surgery.

#### TAKEN FROM SCIENTIFIC LITERATURE

There are **over 700 publications**<sup>1</sup> on the intra-vitreal use of **Triamcinolone** available today.





#### ... possible RISKS of extemporary formulations

Bacterial endophthalmitis 2,3,4 Sterile endophthalmitis 3,5,6

Due to a lack of asepsis

- Reported in 0.87% of cases of eyes treated with Triamcinolone Acetonide for intravitreal use.7
- Could be due to the toxic effects of preservatives.

## THE SOLUTION

- **Triamcinolone Acetonide** suspension in suspended saline solution at pH 7.2
- Sterile product, ready to use
- Does not contain preservative agents

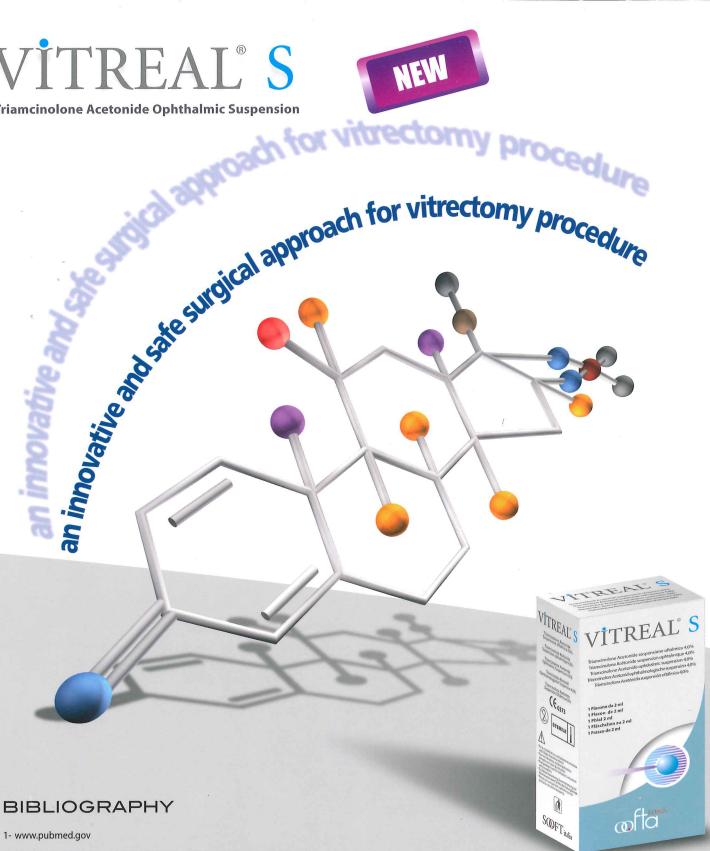


## ADVANTAGES

- Reduces risks related to galenic preparation
- Reduces the risks of septic contamination
- Reduces the risks of endophthalmitis
- Allows the repeated injection of the colour carrier until the vitreous mass has been completely removed (phial 2 ml)
- Enables the safe and complete removal of the vitreous, eases the surgical procedure reducing the intervention time and decreasing the occurrence of complications.







- 2 Moshfeghi DM, Kaiser PK, Scott IU, Sears JE, Benz M & Sinesterra JP et al.. Acute endophthalmitis following intravitreal triamcinolone acetonide injection. Am J Ophthalmol 2003; 136 5: 791–796.
- 3 Nelson ML, Tennant MT, Sivalingam A, Regillo CD, Belmont JB & Martidis A. Infectious and presumed non-infectious endophthalmitis after intravitreal triamcinolone acetonide injection. Retina 2003; 23 5: 686–691.
- 4 Benz MS, Murray TG, Dubovy SR, Katz RS & Eifrig CW. Endophthalmitis caused by Mycobacterium chelonae abscessus after intravitreal injection of triamcinolone. Arch Ophthalmol 2003; 121 2: 271–273.
- 5 Sutter FK & Gillies MC.

Pseudo-endophthalmitis after intravitreal injection of triamcinolone. Br J Ophthalmol 2003; 87 8: 972–974.

- 6 Roth DB, Chieh J, Spirn MJ, Green SN, Yarian DL & Chaudhry NA. Noninfectious endophthalmitis associated with intravitreal triamcinolone injection. Arch Ophthalmol. 2003; 121 9: 1279–1282.
- 7 Moshfeghi DM, Kaiser PK, Bakri SJ, Scott IU, Sears JE & Benz M et al..
  Presumed sterile endophthalmitis following intravitreal triamcinolone acetonide injection. Ophthalmic Surg Lasers Imaging. 2005; Jan-Feb; 36 (1): 24-9.
- 8 S J Bakri, A Shah, N S Falk and P M Beer. Intravitreal preservative-free triamcinolone acetonide for the treatment of macular oedema. Eye (2005) 19, 686–688.

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