



# MULTIDISCIPLINARY PROTOCOL FOR THE USE OF MEDICINES:

5PSQ-020



LET'S TALK ABOUT INTRAVITREAL THERAPY



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## **BACKGROUND AND IMPORTANCE**

Intravitreal therapy (IVT) arises from the need to increase drug dosage at ocular level. It's used in the treatment of pathologies like age-related-macular-degeneration or diabetic-macular-edema.

# AIM AND OBJETIVES

Describe the protocol for use of IVT

Standardize clinical practice.

Improve efficiency

Evaluate economic impact

#### MATERIAL AND METHODS

Multidisciplinary study Pharmacy-Ophthalmology in a 2ndlevel-hospital; a working group Sept' 2023.



## Periodic meetings were held, developing the protocol:

- 1. Indications-criteria for IVT comercialized included in our PG.
- 2. Development the prescription, administration; validation medical order, preparation, dispensing and registration.
- 3. Traceability.

Bibliographic search. Farmatools®-Montesinos® were used to obtain economic data (January 2021-December 2023).

#### **RESULTS**

PG includes 6 comercialized IVT: aflibercept, ranibizumab, dexamethasone, broluzicimab and fluocinolone (that don't require manipulation); faricimab (vial can be fractionated). This protocol specifies indications for each one.

### Prescription

- Individually using "Order for Dispensing Medicines for Hospital-Use.
- All medical orders are validated by pharmacists.

#### Administration

- Ophthalmology room according to "single act".
- Name-batch-expiration date of the medication administered to each patient are identified and registered.

## Dispensations

- From the Pharmacy, a consensual supply stock (afliberceptdexamethasone) is dispensed daily.
- Rest are dispensed on demand after individualized prescription.

Economic impact and healthcare burden: 2021/2022/2023 the cost was 383,681/445,113/520,174 €; associated with 402/493/518 patients, a figure that is increasing.

# **CONCLUSION AND RELEVANCE**

The exponential increase in the cost of IVT is mainly due to the increase in number of patients. Development of multidisciplinary protocols allows for improved health outcomes through the provision of individualized treatment.

The approach to IVT is a challenge that is implemented with Ophthalmology-Pharmacy alliances

