



## INTERNSHIP ASSIGNMENT

### Research Fellow in ophthalmic industry with a focus on acrylic base Intraocular lens

**How can existing scientific knowledge support the design of the next generation of medical devices? This internship is originated to focus on the “state of the art” in acrylic based Intraocular lenses considering the functionality and the performance of the IOLs. This opportunity is aiming to help to establish the current highest level of scientific knowledge, and techniques available at a given time which includes but not limited to:**

- . **Current body of knowledge**
- . **Systematic literature search (existing literature)**
- . **Consensus knowledge (Broadly agreed)**

Within our R&D team, new IOL designs are continuously being developed. To support these designs, a clear overview of existing knowledge from scientific literature, clinical studies, and technical publications is essential. You will collect, analyze, and structure this information in a way that is directly useful for design decisions.

#### **What will you do?**

- Collect and review relevant scientific publications on intraocular lenses
- Analyze functionality and performance aspects (e.g. optical properties, materials, design concepts)
- Structure findings into an accessible and well-organized knowledge library
- Identify key insights and trends relevant for new IOL designs
- Translate literature findings into actionable input for R&D

#### **Why choose this internship?**

1. Great learning opportunity (i.e., statistical analysis, metrology system, medical device design and development)
2. Experiencing team work within a real project that can have actual impact
3. Possibility to publish the result of the literature search, as a systematic literature review or practical performance test cases

Do you want to know more about this interesting internship, please contact Adien Dam, R&D Director at Teleon Surgical – [adien.dam@teleon-surgical.com](mailto:adien.dam@teleon-surgical.com)