

EYEPOC II:

Point Of Care Biosensor Devices To Detect Biomarkers As Evaluation End-Points For Therapeutic Clinical Trials In Ocular Surface Inflammation

ADDRESSED PATHOLOGY: Dry eye disease (DED)

GENERAL OBJECTIVE:

It is universally recognized that symptoms and clinical signs do not correlate well in DED. Thus, **diagnosis of DED** is difficult and the development of new pharmacological therapies is hampered by the lack of objective tests for response outcomes in clinical trials. This project aims to **develop specific and sensitive PoC devices** for the simultaneous measurement of the tear molecules, included in a DED predictive model, for **DED objective diagnosis**. These PoCs could be used in clinical trials as evaluation end-point outcomes and will provide essential tools for the assessment of objective treatment benefits.

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