SALIVA-BASED DIAGNOSTIC TEST FOR EOSINOPHILIC OESOPHAGITIS

This invention provides a method to analyse the diagnosis and/or prognosis of Eosinophilic Oesophagitis (EoE), using determination and quantification of certain salivary biomarkers.

TYPE OF DEVELOPMENT

Diagnostic and/or prognostic tool.

DESCRIPTION

Eosinophilic Oesophagitis (EoE) is an inflammatory disease characterised by the presence of a large number of eosinophils in the oesophagus.

The symptoms caused by EoE are variable, including diarrhoea or weight loss, and may be mistaken for other diseases (such as celiac disease). This may lead to diagnostic delays and difficulties.

EoE final diagnosis is currently achieved using invasive methods by means of upper gastrointestinal endoscopy and biopsies.

A rise in EoE incidence and prevalence is becoming a major cause of upper gastrointestinal morbidity in children and adults.

Delayed diagnosis seems associated with fibrostenotic disease complaints, suggesting timely recognition of the disease may impact its clinical course.

This invention provides a non-invasive method for selective testing of patients with higher risk of developing EoE, facilitating diagnostic processes, reducing the number of endoscopies, and enabling better management of patients.

ADVANTAGES

- Selective diagnostic.
- Non-invasive method.
- Quick
- Low cost.

USE

- Selective diagnostic of Eosinophilic Oesophagitis (EoE).
- Follow-up Evolution / Prognosis of patients with Eosinophilic Oesophagitis (EoE).

PROTECTION

Spanish Patent Application (P202030978)

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Applicants: Administration of the Autonomous Community of the Basque Country. UPV/EHU, SESCAM and CIBER.

COOPERATION GOAL

- Company interested in licensing and marketing the product.

CONTACT

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