

## CERTIFICATE OF BIOSTATISTIC

**Date:** 20/01/2020

To whom it may concern,

**Title of the study:** Botulinum Toxin A injection and fissurectomy with anoplasty for hypertonic chronic anal fissure. A case-control study.

Chief investigator: Prof. Gaetano Di Vita

General Surgery Unit - Department of Surgical, Oncological and Stomatological Sciences, University of Palermo. Via Liborio Giuffrè, 5 - 90127 Palermo, Italy

ORCID ID 0000-0003-2835-3273

This certificate is to confirm that I have read the ethics application prepared for this study and in My opinion the statistical methods and techniques mentioned are appropriate for this research.

Please contact me if you have any queries,

Sincerely

Prof. Piero Luigi Almasio

Professor of Health Statistic

Olio 1/1000

Department of Health Promotion Sciences, Maternal and Infant Care, Internal Medicine and Medical Specialties, (PROMISE), University of Palermo.

Piero.almasio@unipa.it