

GOAL:

The objective of the Practicum in Clinical Research is to familiarize the student with the steps required for the design and execution of clinical trials or methods associated with the solution of a clinical research problem.

PROGRAM REQUIREMENT:

The students can be involved at any stage of the trial, e.g. protocol development, screening of participants, data analysis, etc.... Their involvement must be limited to 100-120 hours, in a specific and limited time frame (3-6 months), at the end of which they are required to submit a written report. This report should encompass not only the actual work performed by the student but also an analysis of the research problem.

A typical report would feature the following sections:

- Objective
- Background
- Methodology
- Analysis
- Activities performed
- Conclusion
- Summary of the research areas covered and knowledge acquired during the practicum (e.g., protocol writing, research ethics, regulatory requirements, etc...)

While the student can express the desire to be involved for the full duration of the study, (e.g., handling of large sample populations), the supervisors are urged to limit their involvement in the project to a maximum of 120 hours, which can be spread at most over 2 semesters.

TYPES OF STUDY:

The clinical trial can be relevant to any disease, including cancer, diabetes, arthritis, etc.... and is not limited to being performed in an academic environment. Research problems related to diagnosis are also acceptable.

EVALUATION:

The supervisor is required to grade the student's final written report and to subsequently transmit the mark obtained to the course coordinator.

SIGNIFICANCE:

By the end of the practicum, the student is expected to have become familiar with the methods required for the solution of a clinical research problem.