Presence of the Scientific Advisory Committee and its contribution to enhance the academic development of the Hospital

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Background

**HISTORY:** The British Hospital of Buenos Aires is a teaching hospital with more than 175 years of experience in the training of health personnel, through learning in healthcare practice and encouraging participation in research work.

*Why is it so important for the Hospital that health professionals learn to do research work?* Because we are convinced that research could contribute to understanding how to improve the care we provide to patients.
The Scientific Advisory Committee was created in 2016, with the aim of contributing to the training of physicians and other health care professionals in the development of scientific research through the implementation of continuous training strategies to improve the quality of care.

The Committee is made up of a Coordinator who is in charge of meetings in person with research groups and PhD students, in order to provide methodological and statistical advice.

Members are called to regular weekly meetings to evaluate the new submitted protocols.
Methods

Project evaluation meetings

Project Title: PIClO rule

Hypothesis:
Can be verified with the proposed methodology.

Materials and Methods

Study design: (assess whether the design and the proceedings are appropriate)

Population: Assess if patient selection criteria and sample size are well defined.

Variables: Analyse whether all the variables that will be needed are covered and the statistical analysis are correctly defined.

Rationale and further action of the study

Assess the relevance of the information expected and determine the impact on patient care. Does the study really increase knowledge or change clinical behaviour?
Methods

Feasibility for researchers

-Step-by-step guide to writing a research project for each study design.

-Step-by-step guide to opening the user's account in the Platform for Computerized Registration of Health Research operating in Buenos Aires city (PRIISA.BA).
Methods

Feasibility for researchers

- We follow up the researcher during their complete performances of the protocol, providing support in each step.

Brain storming
Writing of the protocol
Provide support during study with the biological samples management, analysis of data
We help in the selection of the journal and writing of papers
Methods

Annual training activities

- **Transversal course** on research methodology is mandatory for 3rd year residents and fellows. Some residences end with the presentation of a research work.

Specific topic **interactive workshops**: - Systematic review and meta-analysis

- Statistics with R-Studio

2023: - **Randomised experimental studies**

- Statistics with R-medic.
Results and Conclusions

New protocols evaluated in scientific committee

Pubmed-BVS
Pubmed

Years

Number (n)
Results and Conclusions

NEW PhD STUDENTS

2016/18
- 1 Student from traumatology
- 3 Students from neurology

2019/20
- 1 New nursing student
- 1 New pneumonology student
- 1 New traumatology student
- 1 New pathology student
- 1 New cardiology student

2021/22
- 1 New nursing student
- 1 New anaesthesia student
- 4 New traumatology students
- 1 New pharmacy student
- 1 New oncology student
- 1 New plastic surgery student
Results and Conclusions

Lines of works

- Epidemiological studies
- Chronobiological studies
- Pre- and post-training studies, implementation studies
- Translational research
Results and Conclusions

- In accordance with the Global Health Network is our main objective to train health personnel to improve each step for the development of research studies in as daily tools to improve the quality of care we provide to patients.

- The key to leading research teams is to be humble and simple, with great generosity who motivates the growth of other professionals, sharing all his knowledge and support. A leader must have an ambitious plan but should facilitate every step in the professional improvement of her peers.
Acknowledgements

Scientific Advisory Committee Members

PhD students