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Medical Device Assessment Framework, Pilot Studies, and Training

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Event Website: <https://www.globalcea.org/icehtmc>



The Team / Workgroup

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Description

- The National Institute of Health (NIH) is the national expert medical technology organization for Peru. NIH has been approved by the Vice Minister of Health to lead the National Network for Health Technology Assessment (HTA).
- Medical devices play a key role in the fight against COVID-19 and other health issues, but new methodology is needed by the NIH to properly perform HTA on medical devices so that maximum benefit for patients in Peru can be achieved.
- Staff of the WHO Collaborating Center for Health Technology Management have worked on various health technology planning, operational and training projects with NIH over the past 15 years. Beginning in December 2020, the center began work to research and recommend a framework for medical device health technology assessment at NIH in Peru.
- Additional training short course provided for Clinica Imbanaco, a multi-center hospitals system based in Cali, Colombia. A 10-week course was planned for the clinical engineering staff.

Goals of the project and final users that will benefit

Purpose

- To provide expert consultation to the NIH and Clinica Imbanaco towards developing a best practice health technology assessment framework for medical devices for Peru and Colombia with validation through pilot studies and sustainability through leadership training

Benefits

- A focused improvement of medical device health technology assessment leads to enhanced value of medical devices in healthcare.
- In country staff and extensive prior experience provides an understanding of the context of Peru and Colombia – culture, health system, geography, and economy.
- Real-world pilot assessments are used to improve the framework recommended.
- Leadership training promotes understanding of goals and process and leads to sustainability.

Results

PERU

- Initial meetings and data sharing have resulted in an excellent understanding of current processes at NIH.
 - Current activity is to provide global best practice recommendations workable in the context of Peru and the NIH organizational practices, NIH leads the National Network for HTA in the country (Ministry of Health 2019)
- Report of global best HTA practices for medical devices was developed and was very well received
 - Pilot HTA of two COVID-19 priority medical devices and leadership training to occur in 2021

COLOMBIA

- 10 virtual sessions covering all aspects of medical device assessment held April to July 2021 for 16 clinical engineers. Participants worked in 4 teams to provide presentations and reports on technologies considered by Clinica Imbanaco. The outputs of the course improved the Imbanaco's Health Technology Strategic Plan.

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