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## Healthcare improvement science learning evaluation framework for european healthcare workers

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Healthcare Workforce is very well positioned to improve the system in which they perform. However, training curricula have not always equipped them. ISTEW European Project (Improvement Science Training for European Healthcare Workers) aimed to fill this educational gap. The Faculty of Health Sciences at the University of Alicante led the Work Package (WP) related to develop and pilot a Healthcare Improvement Science (HIS) Learning Evaluation Framework. Mixed Methods such as Minimum Data Set (MDS) and Case Study were used. Kirkpatrick's Model was utilized as the reference model. The piloting was conducted in HIS modules from seven European countries to achieve a content validation. Afterwards, a new piloting centered on the tool usability took place in Spain. Five stages in the professional life-long HIS learning were identified and considered as the tool's five evaluation levels. Pilot testing proved that the Evaluation Framework was acceptable and feasible across different European contexts. The ongoing evaluation was difficult to follow level by level in terms of sample participation. Consequently, a transcultural adaptation into Spanish was developed reducing the number of levels though maintaining the same contents, towards using the tool once the HIS Learning Process had finished and obviously avoiding the lack of sample participation during the process. Consistent use of a common HIS evaluation framework across different European institutions would avoid duplication of effort and allow cross-course comparisons. Through this instrument the HIS content of the modules developed and every course containing HIS will be ensured.

### Biography

MCristina Sierras has completed her Master Degree in Nursing Research at the age of 23 years from University of Alicante. Nowadays she is working as Registered Nurse at Intensive Care Unit in Clinica Vistahermosa and also as Study Coordinator at Dermatology Area in Hospital General de Alicante. During her studies she achieved one research grant from the University of Alicante and another one from the Spanish Education Ministry both of them associated to ISTEW European Project. She is also the Co-Editor in Chief of IMPACT Journal.

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