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He is responsible for the scientific and technological developments of Learning Technology Unit of (LTU) of eHealth, Division de Educacion, Fundacion Santa Fe de Bogota Hospital. He is currently involved in the design and execution of mobile software based on a new eLearning theory for mobile and Web environments called CML (Connecting Mind Learning). These developments are intended to improve healthcare patients and to assist in the lifelong learning process of medical students, graduate doctors, and specialists.

eHealth Mobile learning Applications are the result of integration of a Quality Function Deployment (QPD), and the highest requirements of technological design. These strategies allow obtaining the greater impact between technology and "the way human brain works" (brain compatible learning) in the field of health.

Introducing the New Periodic Table of Breast Tumors: A Revolutionary Mobile Learning Solution in the Assessment for Breast Cancer

This paper describes a new mobile teaching tool which was designed to assist mammography reading for detecting breast cancer. This development for radiologists (practice) and residents (learning) is designed to develop mind mappings on imaging findings, international lexicon, and histological origin.

This development was designed for mastering the differentiation based on imaging findings between breast cancer and benign pathologies. Moreover, this tutorial can provide a new practical and easy to method to understand the most common findings on imaging and pathology of the breast, considered today the first cause of women dead in the world.

Finally it describes our technology instructional issues and our educational strategy which utilized the outline of the Periodic Table as a method studied in Chemistry at High School, which introduced the play back of the thinking process of the student as a useful application of mobile learning for eHealth.