MEDI-MO-GIS: An Emoji-Based System To Survey Patients

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OTHER INFORMATION

KEYWORDS

emojis, patient survey, emogis, emoji scales, emoji measures

CATEGORIZED AS

▶ **Medical**

   ▶ Other

   ▶ Software

RELATED CASES

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BACKGROUND

Surveys are usually circulated to patients in a variety of different stages of their care, but many contain medical language and terminology leading to misunderstandings. Present survey methods are English or primary language based, and rely on high literacy levels for completion. There is a current need for a survey method that is accessible to more users regardless of primary language, fluency, vocabulary, and medical impairments.

BRIEF DESCRIPTION

Professor Kendrick Davis and colleagues from the University of California, Riverside have developed measurement and mapping survey technology that is easy to use, pictorial based, and written by a design that ensures present and ongoing scale validation with Unicode for standardization across virtually all electronic platforms. The emoji-based measurement system (Eb-MS) consists of a linked/connected set of tables organized by three master sets, and sets of linked tables as domain families (i.e., Medicine, Education, etc.) This technology is advantageous because it may facilitate effective communication with individuals with certain health situations, such as stroke, brain injury, or vocal impairments, or with language barriers.

Fig 1: Sample of the UCR Emoji-based Survey System.

APPLICATION

▸ For emoji-based surveys in industries including medicine, pharmaceuticals, air quality, water quality, and education.

PATENT STATUS

Patent Pending