

# SERIOUS GAMES

Serious Games & Emotional Competence  
in Higher Education



EVENT HOST



Universidade do Minho

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## SGECHI-57196

### **Developing Of Two Problem-Based Learning Scenarios To Implement Emotional Competencies**

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#### **Abstract:**

**Aim:** Creating case-based scenarios through a Problem Based Learning (PBL) methodology to develop emotional competencies on nursing students.

**Methods:** PBL methodology was chosen because it put the student at the center of its learning process. Indeed, PBL promotes critical thinking, interaction, and cooperative learning. To define the case-based scenario, two expert tutors in PBL methodology and a PhD student developed two case-based scenarios and their learning objectives. The researchers focused on emotional impact of some hospital situations: creating a PBL verisimilar to real-life situations helped nursing students to empathize with the case itself.

**Results:** Two case-based scenarios were developed: one based on positive emotions and the second on negative emotions which could experience in hospital by nurses. Cases emphasized on emotional impact of some situations on nurses, but the attention of the cases was also on patients or care-givers emotions. The first one was based on the positive rehabilitation of a stroke patient and the positive impact on the team. The second one was based on the death of a cancer patient, the bereavement of his father and the nurse's failure to manage negative emotions.

**Conclusions:** The PBL methodology could be used to develop soft-skills competencies as emotional competencies. Nursing students who attended the Serious Games for Nursing Students project, performed the two PBL. The strategies based on PBL had a positive impact on nursing students who declared that they would like more PBL about the emotional aspect and not only clinical ones.

**Palavras chave:** Problem Based Learning, emotional competencies, nursing student, Serious Games

## SGECHI-69687

### **Expression of Emotions in Musical Visits in a Palliative Care Unit**

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#### **Abstract:**

**Aim:** Recognize the emotions or feelings, and emotional expressions, expressed by hospitalized patients and family members, during a musical visit experience, in a Palliative Care Unit (PCU).

Methods: based on an action research with the implementation of a musical experience, an exploratory, phenomenological study was developed, through the qualitative analysis of discursive components, with a sample of 163 elements - patients and family members - in a UCP, in a socio-regional economic context in the North of Portugal.

Results: Emotional responses were obtained, associated with perceptions and physiological responses, such as changes in mood and affection. Of the overall sample, 75.4% (n=92) presented positive emotional expressions, 22.1% (n=27) a neutral attribution, and only three negative ones. Among the emotions identified, 71.4% (n=20) of respondents refer to "Joy", and 17.9% (n=5) refer to "Pleasure", but, interestingly, there are 7.1% (n=2) who referred to "Pain" and 3.6% (n=1) "Sadness".

Conclusions: The results present musical visits as a strategy with a therapeutic effect, in maintaining the well-being of users in UCP, whether in terms of the impact of musical sound on patients and families, or in terms of the relationships it triggers, in addition to the promoting socio-emotional health in general, and the inter-institutional synergies they develop.

**Palavras chave:** Palliative Care; Musical Visits; Expression of Emotions

## SGECHI-70848

### **Perfil dos Empresários do Distrito de Bragança e Competência Emocional - estudo correlacional**

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#### **Abstract:**

Objective: understand the relationship between the profile of the entrepreneur and the level of Emotional Competence. Thus, the specific objectives are: (i) to know the sociodemographic characterization of the sample, (ii) to know the Profile of the Entrepreneur of the sample; (iii) know the level of Emotional Competence of entrepreneurs; (iv) analyze the relationship between the level of Emotional Competence and the Profile as an Entrepreneur and; (v) identify the level of influence of each of the five dimensions of Emotional Competence on the profile of entrepreneurs.

Methodology: quantitative and correlational study, developed from the application of a questionnaire composed of three parts: (i) Entrepreneur Profile; (ii) Veiga Emotional Competence Scale - EVCEr33 and; (iii) Information about the Individual. This data collection instrument was applied to a sample of 53 entrepreneurs from the North of mainland Portugal.

Results: of the 53 participants, 22 are female and 31 are male, as well as the fact that the ages predominant were between 31 and 40 years old, between 41 and 50 years old and between 51 and 60 years old. Regarding the Businessman Profile, the Dynamic Profile and the Aggressive Profile are predominant. Regarding the Level of Emotional Competence, it is worth highlighting the Moderate Level and the High Level. Checked that:: (i) Total Emotional Competence presented a positive and significant correlation with the dimensions of self-awareness, emotion management, self-motivation and with empathy; (ii) a positive correlation between the "Dynamic Profile" and the "Moderate Level of Emotional Competence" and between the "Aggressive Profile" and the "High Level of Emotional Competence"; (iii) association between self-awareness, em-