

# 58<sup>th</sup> World Advanced Nursing and Nursing Practice Congress

August 16, 2021 | Webinar

Volume: 10

## **The use of serious games during the COVID pandemic to ensure pedagogical continuity: what perception of students did or did not use them**

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During the global coronavirus pandemic (COVID-19), the real “face-to-face” was exchanged for the virtual “face-to-face”. Serious games (SG) was at the heart of the educational system to ensure continuity in the training of nursing students who were teleworking. How is this digital innovation perceived by nursing students?

A collection of 35 virtual care situations was set up free of charge by a French startup to ensure pedagogical continuity for all the French nursing training school that wanted. A free and anonymous online questionnaire was set up to assess the perception, the motivation to learn on SG and the satisfaction of the students who used or not this device during the confinement.

69% of nursing schools (n=220) used SG. 1363 students were included in the study (85%). Only 493 students declared using the SG (36.2%) and 91.2% were female. All the students were motivated to learn on SG: M=65.2% (SD=22.4), the satisfaction was M=75% (SD=18.8), independently of the students who tested F (1,950) = 2.49 P = .115 and F (1,1200) = 2.34 ; p = .126 reciprocally. 88% of the students declared “agree” to “totally agree” that the use of SG would reduce the stress before arriving at the clinical practice ( n=1199).

SG is well perceived as a pedagogical tool in nursing education independently of the students who tested during the confinement. A multicentric study on self-regulated learning with SG is underway with 10 nursing schools.

### **Biography**

Guillaume Decormeille has been a nurse for 15 years, trained in health simulation and completed his master’s degree in educational science in 2015. He is currently pursuing his PhD in cognitive psychology at the University of Toulouse Jean Jaures, France. My work focuses on the individual factors that influence the learning of nursing students on Screen-based simulators. I am a member of a critical care society to the research and epidemiology commission and a member of the editorial board of a French nursing research journal.

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