**Moroccan nursing students’ use and acceptance of Information and Communication Technologies and Social Media for learning[[1]](#footnote-1)**

The recent advancements in ICT has made it possible for teaching and learning to be conducted outside the four walls of an institution. Furthermore, the recent COVID-19 pandemic that has shut down all activities including physical conventional education in all nations of the world has further revealed the urgent need for academic institutions to embrace and implement alternative modes of teaching and learning via social media platforms and other emerging technologies.

This survey attempts to elicit information about **moroccan nursing students** awareness and intention to use these alternative modes of teaching and learning. Face to face as well as open and distance learning nursing students are the major respondents in this study. We will appreciate your sincere opinion about the questions asked.

Thanks.

**Consent**

This survey is anonymous and participation is voluntary. You are asked to answer an anonymous online questionnaire. All information will be kept confidential and its publication for research purposes will be anonymous.

After reading the purpose of this study, I agree to participate by answering the questionnaire :

* Yes

1. **Demographics**

Please select

Your gender

* Male
* Female

Your age (in years)

* 17- 18
* 19- 20
* 21- 22
* 23- 24
* 24 +

Your level of study

* 2nd year
* 3rd year

Your ISPITS

* Rabat
* Kenitra
* Casablanca
* Settat
* Agadir
* Tiznit
* Marrakech
* Essaouira
* Safi
* Fes
* Meknes
* Taza
* Oujda
* Nador
* Tetouan
* Tanger
* Al Hoceima
* Laayoun
* Dakhla
* Errachidia
* Ouarzazate
* Beni Mellal
* Guelmim

1. **Social media awareness**

Please select all social media platforms for which you have a personal profile or account (You can choose more than one)

* Facebook
* Twitter
* Instagram
* WhatsApp
* Telegram
* LinkedIn
* YouTube
* Pinterest
* Snapchat
* Blogger.com
* Windows Live
* Google Plus
* Tumblr
* WeChat
* QQ
* GQzone
* Tiktok
* Other : …………………………………………………………

Select all the emerging technologies that you have used or participated in for academic purposes

* Zoom
* Facebook Live
* Google Classroom
* Massive Open Online Courses (MOOC) like Coursera, Udemy, EDX etc
* Microsoft's Team
* Learning Management System (Moodle, Talent, Docebo etc.)
* Mobile Learning via Mobile Apps (Sololearn, Simplilearn, Grasshopper...)
* Artificial Intelligence (AI) via AI tutoring system using Robots, Holographic
* teacher
* Augmented (Virtual) Reality & Simulations
* Gamification via Games-based learning (GBL)
* Web-based Elearning Platforms
* Other :…………………………………………………………………………………

How do you access your social media platforms ? (You can choose more than one)

* Laptop
* Desktop
* Smatphone
* Tablet or Ipad

How long have you been using social networking sites ?

* 1-11 months
* 1-2 years
* 3-5 years
* above 5 years

How often do you visit your Social Network accounts ?

* Daily
* Weekly
* Monthly
* Occassionally
* Never

On average, how much time do you spend daily on a social networking site ?

* Less than 1 hour
* 1 - 6 hours per day
* 7 - 12 hours per day
* Always online

How many of your classmates are your contacts/friends on your social networking sites ?

* Less than 20
* 20 - 50
* 51- 100
* Almost everyone

Why do you use social networks ? (You can choose more than one)

* To find information
* To play games
* To make professional and business contacts
* To keep in touch with family and friends
* To make new friends
* To get latest information/gist
* To share videos/ pictures/ music
* To share your experience
* For academic purposes
* To while away time
* Other:…………………………………………………

Did you use emerging technologies and social media during the clinical internship to learn ?

* Yes
* No

Do you intend to use emerging technologies and social media in clinical internship to learn ?

* Yes
* No

# **Benefits of Elearning**

Provide your honest opinions of the statements

Incorporating social media platforms and emerging technologies highlighted earlier will enhance my productivity as a Student

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

Social media platforms and emerging technologies highlighted earlier could help facilitate learning and engage students at educational institutions

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

Incorporating social media and emerging technologies as a teaching tool will increase my comprehension and assimilation as a student

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

Educational Learning via the social media platforms will be easy for me

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

Educational Learning via emerging technologies highlighted earlier will be easy for me

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

It will be beneficial for me to become skilful at using social media platforms and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

My colleagues think I should use social media and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

My family and friends will appreciate my use of social media and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

My privacy will be infringed if social media platforms and emerging technologies are proposed for teaching and learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

Internet availability and signal strength will be a problem in using the social media and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

Internet data bundles affordability will be a problem in using the social media and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

Power availability will be a problem in using the social media and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

I have the technical skills to use social media platforms and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

I will be willing to use social media platforms and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

I will be willing to devote the required time and energy for my learning activities via social media platforms and emerging technologies for learning

* Strongly Agree
* Agree
* Neutral
* Disagree
* Strongly Disagree

If you are not willing to use nor devote time to social media and emerging technologies for learning please comment.

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

**Present Participation**

Are you presently involved in e-learning using any social media platform or emerging technologies earlier highlighted?

* Yes
* No

Which elearning courses or platforms are you currently engaged in. ………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

1. This questionnaire was translated and adapted from that of the authors (Arulogun,Akande and Akindele et al.,2020) [↑](#footnote-ref-1)