Abstract

The economic, infrastructural, and manpower challenges peculiar to poor settings pose daunting obstacles to quality medical education and healthcare delivery in those settings. The purpose of the current study therefore was to determine from the perspective of students how to effectively incorporate information communication technology (ICT) in to the medical curriculum to help improve tuition and scale – up training in a Ghanaian Medical School, and concluded that blended instructional models may be more suitable.

References

J, Haileamlak, A, Iputo, J, Jacobs, M, Koumaré, AK, Mipando, M, Monekosso
GL, Olapade-Olaopa, EO, Rugarabamu, P, Sewankambo NK, Ross, H, Ayas H, Chale SB,
Cyprien, S, Cohen, J, Haile-Mariam T, Hamburger, E, Jolley, L, Kolars,, JC, , Neusy, AJ.
Medical schools in sub-Saharan Africa. The lancet i2011;377: 1113 - 1121.
- Ward JP GJ, Field MJ, Lehmann HP. Communication and information technology in
medical education. Lancet I 2001;357:: 792-96.
- Candler C, Andrews MD. Technology in medical education: how the OU College of
Medicine has used technology to enhance the medical education experience. J Okla State Med
Assoc I2004;97: 8-10.
- Murphy R, Gray SA, Straja SR, Bogert MC. Student learning preferences and teaching
- Steele DJ, Palensky JEJ, Lynch TG,Lacy NL, Duffy,SW. Learning preferences,
computer attitudes, and student evaluation of computerised instruction. MEDICAL
- Valcke M, De wever B. Information and communication technologies in higher

- Kosmahl H. Instructional use of computers for entry-level physical therapy education
- Mars M. Building the Capacity to Build Capacity in e-Health in Sub-Saharan Africa: The
amref-courses-training-programmes/elearning-programme-/ (last accessed July 15, 2011).
- Williams C, Pichforth E, Callaghan C. Computers, the internet and medical education in

Education I 2000;14:: 44-47.
- Kinney P, Keskula, D, Perry, J The effect of a computer assisted instruction program on
- Thompson E. Computer-assisted instruction in curricula of physical therapy assistants. .
- Greenhalgh T. Computer assisted learning in undergraduate medical education. BMJ
I2001;322: 40-4.
- Perlman C, Weston, C, Gisel, E A web-based tutorial to enhance student learning of
- McNulty J, Espiritu, B, Halsey, M, Mendez, M. Personality preference influences medical
- Sun P, Tsai , R, J, Fin., e G,, Chen , YY, Yeh , D. What drives a successful e -
- Scott CS, Schaad DC, Mandel LS, Brock DM, Kim S. Information and informatics
- Dorup J. Experience and attitudes towards information technology among first-year
medical students in Denmark: longitudinal questionnaire survey. J Med Internet Res I2004;6:
e10.

**Index Terms**

Computer Science  
Information System

**Keywords**

Computer Assisted Instruction  
Medical Education