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## Creating, implementing and sustaining an inter-professional education for stroke: A link towards collaborative and integrated patient care

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**Introduction:** The incidence of stroke in the KSA is expected to be higher in the next decades. The creation of the stroke model of KAMC-Riyadh, as a novel care approach of admitting patients directly to the High Dependency Unit (HSDU), is aimed to improve patient's functional outcome following a stroke. Prior to the launch, a Specialized Stroke Nursing Program (SSNP) using an inter-professional approach was developed and implemented in order to address the nurse's learning needs in stroke care.

**Aim:** The aim of the project is to recount the structuring of the SSNP and continuously sustaining it toward collaborative and integrated stroke care.

**Method:** A collaborative team model (CTM) is utilized in order to design, implement and sustain a SSNP. The CMT, consisting of nurse specialist, clinical resource nurses and stroke therapists, work cohesively and regularly meet in order to continuously improve the program components and restructuring the learning objectives focusing on patient safety and outcome. The SSNP is up and running since August 2014 and is consistently evaluated after each run. All participants' feedback from the course evaluation was collated and analyzed thematically. The findings of the course evaluation were discussed as a team and made some necessary adjustments if necessary.

**Results:** The SSNP has attended by more than 700 nurses from emergency, acute medical and stroke units. Six major themes have emerged using the evaluation feedback: The SSNP as a program focusing on patient safety; an inter-professional program promoting a collaborative stroke care; a sustainable program which is relevant not only to stroke patients but to all medical patients; a starting point to improve stroke care; and a well-structured program that tailored made to nurses' learning needs.

**Conclusion:** The creation of the SSNP is a showcase of dedication, passion and commitment of the team in order to provide an inter-professional learning education among nurses. The use of CMT promotes effective communication, coordinated and organized team work. Collaborative team has a direct impact on enhanced and comprehensive stroke care. It has a significant impact on the participant's learning experience and patient care through enhanced access to bedside care as well as improved quality and safety outcomes.

### Biography

Mr Elmer Catangui is a Filipino-British who obtained his stroke nursing expertise from the United Kingdom. He worked as a clinical nurse specialist in stroke and TIA in the UK for 12 years at Imperial College Healthcare NHS Trust, London. He graduated his Masters Degree in London South Bank University major in Nursing but with a background of specialist neuroscience, acute management in stroke, thrombolysis nursing and stroke prevention. He has published numerous articles and research in the UK's Nursing Standards, British Journal of Nursing and British Journal of Neuroscience Nursing and other international journal of nursing and practice. He has involved in the launching of the pan London Stroke Competencies. He has led and organized various stroke nursing initiatives such as nurse-led ward round and stroke support group. He has been nominated by the UK Health Service Journal Awards for his valuable contribution to stroke care. He has passion in the hyper-acute management of stroke including thrombolysis treatment for acute ischaemic stroke, inter-professional stroke education and secondary stroke prevention. He has been invited in many international conferences as external speaker. He is currently working as a Stroke Nurse Specialist and acting Director of Clinical Nursing at the King Abdulaziz Medical City, Kingdom of Saudi Arabia (Riyadh). He has developed the Specialized Stroke Nursing Program in the Kingdom with excellent feedback from his colleagues. His research interests include: Public health, Stroke epidemiology, stroke management, stroke nursing, thrombolysis, transient ischaemic stroke, Inter-professional learning in stroke, rehabilitation and hyper-acute management of stroke. He is currently an editorial board member of the Public Health Open Journal

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