THE UCH BLADDER MANIKIN

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ABSTRACT

Introduction and objectives

Emergency suprapubic catheterisation (ESPC) is an indispensable skill for medical practice. It may be done via open or closed techniques. In Nigeria, majority of the general medical practitioners and non-urological residents have no formal training in suprapubic catheterisation. A low-cost manikin was designed locally for the purpose of training doctors in ESPC. This paper describes the development of the manikin and assesses its usefulness in teaching ESPC.

Methods

A foundation of urology workshop was organised by the Ibadan PIUTA Centre, in March 2013, at which general medical practitioners and non-urological residents were given instruction in suprapubic catheterisation using the locally manufactured manikin. At the end, questionnaires were administered to evaluate the effectiveness of the manikin in SPC training. Six months later, questionnaires were administered to the surgical residents to evaluate the impact of the training on their practice.

Results

There were twenty-five medical practitioners in attendance, which included eighteen non-urological surgical residents. The others were family physicians and gynaecologists. All were taught the open and closed techniques using the manikin. At the end of the workshop, 100% of the participants stated that the manikin was an effective teaching aid.

Six months later, 67% of the surgical residents had independently performed successful ESPCs. The closed technique was used by 83%, while 17% used both open and closed methods.

Conclusion

The UCH bladder manikin is an effective, low-cost and easily manufactured aid for teaching doctors emergency suprapubic catheterisation. We recommend its use by other centers in low resource countries.

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