

## **Introduction**

Nursing is a profession that requires intellectual and technical skills to provide quality patient care (**Hagag, 2001**). American nurses association defined nursing as the diagnosis and treatment of human responses to actual and potential health problems (**Elkin, Perry, and Potter, 2004**). Nursing involves the care of people throughout the continuum of life and provides an essential service to human kind (**Bozzo and Minaarik, 2003**). Nursing, is art and a science, a creative and occurs in a variety of setting, nursing involves the creation of a safe, nurturing, and healing environment emphasizing respect for the opinions, wishes, and goals of those receiving nursing care (**Smeltzer and Bare, 2000**). Nursing encompasses autonomous and collaborative care of individuals of all ages, families, groups and communities, sick or well and in all settings. Nursing includes the promotion of health, prevention of illness, and the care of ill, disabled and dying people. Advocacy, promotion of a safe environment, research, participation in shaping health policy and in patient and health systems management, and education are also key nursing roles. (**International Council of Nurses, 2010**).

The health workforce plays an important role in strengthening the health system. However, this workforce must be adequate in number, competent and motivated (**World Health Organization, (WHO), 2007**)

Nursing education is a prime candidate for the integration of multimedia as a teaching tool because nurse must learn as well as communicate complex issues to their patients (**Yehia, 2007**).

**Association of Applied Science in Nursing (AASN), (2009)**, declared a definition for technical nursing education as a process which

guides an individual in the acquisition of nursing knowledge, skills, attitudes, values, and preparation for entry level practice in structured sittings with the ever changing health system. Nursing education has become responsible for shaping practice, not merely responding to changes in the practice environment. Also it should prepare expert nurses and change agents who can participate as full in health care delivery and in shaping health policy. Therefore partnership between nursing education and nursing practice will be the key to quality nursing care. **(Annual Report of self study Nursing Faculty, Cairo University, 2005)**. One of the goals of education is to help student to learn and to become independent, self learning is one way to teach students to become self-sufficient **(Mohamed, 2001)**.

Teaching /learning process fosters intellectual growth, critical thinking, and lifelong learning. Teaching and learning are based on the beliefs that each of intellectual inquiry and is implemented through effective interpersonal relationships and communication **(AASN, 2009)**.

Learning is a dynamic and interactive process resulting in some modification relatively permanent in the way of thinking, feeling and doing of the learner **(Hagag, 2001)**.

Nursing students must be able to accurately observe close at hand and at a distance to learn skills and to gather data (e.g. observe an instructor's movements, a patient gait or verbal response, a chemical reaction, ect) students must possess functional use of the senses that permit such observation **(Jones, 2010)**.

Quality is subjective and is based on an individual's background, perspectives and standards. It is every one's wish or desire to have quality or to be well- qualified. The pursuit of quality is a continuous cycle which

involves the development of standards, the quality of audit, the quality of assessment, the quality assurance, the quality of improvement and accreditation (**Prakin, 2007**).

### **Significance of study**

In Egypt, the current nursing education system consists of three main programs level (1) Secondary Technical Nursing schools, there are (261) schools all over Egypt, (2) Technical Health Institutions are (17) and Nursing colleges (11) in addition to Mubarak- Koll Technical Institute (**MOHP, 2000**). Nursing schools are still constitute the majority of nursing manpower in Egypt, therefore, assessing the quality of educational process is important to enhance the strengths and improve the weakness in nursing schools start by Secondary Technical Nursing Schools in Qalyoubiah branch for health insurance.

### **Operational definition:**

**Teacher:** The person who teaches theoretical subjects, who earned Master degree as minimum requirement medical, nursing and social subjects, also it applied for teachers from Ministry of Education.

**Instructor:** Baccalaureate nurses, responsible for practical training in the school lab and clinical area.