

## Fourth research

### **Initiative on engaging the under-graduate medical students in implementing the 5S-KAIZEN at Faculty of Medicine, Fayoum University**

**Background:** Integration of 5S-KAIZEN concepts into the medical curriculum of Public Health prepares the medical graduates with meaningful contributions to the mission of Continuous Quality Improvement (CQI).

**Aims:** This paper aims to display the experience and impact of introducing the 5S-KAIZEN into the public health curriculum.

**Methods:** A horizontal integration model was used in teaching the students the basic theoretical part of 5S-KAIZEN within a finite period of time followed by the practical application. The students' achievements were evaluated with different methods included; written report, preparation of power-point presentation, a written exam, performance evaluation and MCQ.

**Results:** Students were able to evaluate the working environment; skillful in writing a report, clearly understood the required skills for a productive workplace.

**Conclusion:** Findings suggest that 5S-KAIZEN is needed to be aligned as a requirement for graduation from all the postgraduate medical programs.

**Keywords:** 5S, continuous quality improvement, public health, medical students, curriculum, Fayoum University.