



# **2<sup>nd</sup> Annual Students' Research Session - 2020**

**"Enhancing Healthcare Through Innovative Research"**

## **BOOK OF ABSTRACT**

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# **Knowledge, Attitude and Practice towards Standard Precautions among nurses in the Teaching Hospital Batticaloa**

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## **Abstract**

**Introduction:** Hospital Acquired infection (HAI) is a major health problem globally and standard precautions (SP) are recommended to prevent the HAI. As part of the health care team, nurses play vital role in controlling HAI.

**Methodology:** A descriptive cross-sectional study was conducted among nurses in the Teaching Hospital Batticaloa. A pretested, structured self-administered questionnaire was used to assess core elements of Knowledge, Attitude and Practice of SPs. Descriptive analysis was done using SPSS software v.25. Ethical clearance was obtained by Ethical Review Committee, FHCS, EUSL.

**Results:** A total of 367 nurses participated in the study and majority (41.1%) were in the age group of 21-30 years with male: female ratio of 1:3.8. Only 13.4% received training on SP while 3.3% of participants were unaware about SP. Majority (53.1%) had heard of SP mainly from infection control unit. Among the participants 73.8% had good knowledge, 49.9% had a good attitude and 94.6% had good practice. Knowledge score was significantly associated with place of work ( $p = 0.018$ ) and work experience ( $p = 0.007$ ).

**Conclusion:** Majority, had good knowledge, good attitude and good practice. The knowledge was significantly associated with working

experience and working place. Educational programs concerning various aspects of SPs should be implemented in order to aware nurses on SP.

**Keywords:** Standard Precaution (SP), Knowledge, Attitude, Practice, Nurse, Hospital Acquired Infections (HAI)