

## P02-20 - COMPARING THE INCIDENCE OF ANXIETY AND DEPRESSION BETWEEN TWO WARDS OF INTERNAL MEDICINE AND A&E (2005 —2006)

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**Introduction:** Negative emotions such as anxiety and depression have been related to increased mortality in both healthy individuals and medical patients. The method of treatment would be changed when the patients have psychological problems. In internal ward research, we observed many patients that they had shown psychiatric disorders such as depression and anxiety. Therefore, this study has been done for evaluation of prevalence of anxiety and depression and comparison with a control group.

**Materials & methods:** In this cross-sectional study, we checked 150 patients of internal medicine department and 150 patients, who have admitted to the A&E department as a control group. They were chosen by a purposive accessible sampling method. A questionnaire form, namely "SCL-R-90" was filled by a group of nursing students. This is known as a standardized questionnaire in Iran. Data have been computed and analyzed by SPSS V.13 and we used t-student, Mann-Whitney tests and logistic regression methods. The results have been considered significant when the two-tailed p-value was less than 0.05.

**Results:** In internal ward 69.3% and A&E department 42% of patients have had depression (OR=3.5, 95%CI=1.9—6.5). Anxiety was observed in 50.7% of internal medicine patients and 12% of A&E's patients (OR=1.94, 95%CI=5.1 —23.7).

**Conclusion:** Prevalence of depression and anxiety in internal ward patients was significantly higher in comparison to A&E's patients. Therefore, it's necessary to consider these patients in order to diagnose for the early treatment. Recommendations are made to further investigate by greater sample size and different settings in this field is warranted.

**Keywords:** Depression, Anxiety, Psychological disorder.