

Assessment of the hospital anxiety and depression scale for cancer patients [Adaptación y validación de la Escala de Ansiedad y Depresión Hospitalaria en pacientes chilenos con cáncer]

Villoria E.

Lara L.

Background: Depression and anxiety are common in patients with cancer. **Aim:** To adapt and validate the Hospital Anxiety and Depression Scale (HADS) for adult Chilean cancer patients, and to provide information about their prevalence of anxiety and depression. **Material and Methods:** Two hundred fifteen patients with cancer answered an adapted version of HADS for Chilean population. The language adjustment of the scale was carried out with the opinions of 10 expert linguists and with a pilot study on 17 cancer patients. The Depression and Anxiety subscales of the DASS-21 were also applied to verify the convergent validity of HADS: **Results:** The confirmatory factor analysis indicated that the data fits the model of two correlated factors (anxiety and depression), $\chi^2 = 98.608$; $df = 76$; $p < 0.05$; $\chi^2/df = 1.23$, $RMSEA = 0.037$; $CFI = 0.99$; $TLI = .98$. Reliability analysis showed an adequate internal consistency of both subscales (.76 for anxiety and .84 for depression) and the general scale (.87). Correlations between HADS and DASS-21 scores were significant for both anxiety ($r = .514$, $p < 0.001$) and depression ($r = 0.600$, $p < 0.001$). Prevalence rates were approximately 30% for depression (actual = 12%, possible = 22.8%) and approximately 20% for anxiety (actual = 7%, possible = 8.4%). **Conclusions:** We conclude that HADS is a reliable and valid instrument for screening clinically relevant anxiety and depression symptoms in Chilean cancer patients. © 2018, Sociedad Medica de Santiago. All Rights reserved.

Anxiety

Cancer

Depression

Psychometrics

adult

aged
anxiety
cancer staging
Chile
depression
female
human
male
middle aged
neoplasm
pilot study
psychological rating scale
psychology
quality of life
questionnaire
reproducibility
translating (language)
validation study
very elderly
young adult
Adult
Aged
Aged, 80 and over
Anxiety
Chile
Depression

Female

Humans

Male

Middle Aged

Neoplasm Staging

Neoplasms

Pilot Projects

Psychiatric Status Rating Scales

Quality of Life

Reproducibility of Results

Surveys and Questionnaires

Translating

Young Adult