



## Application form for use of ESPAD Databases

**Date:** 18 September 2013

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**Are you an ESPAD Principal Investigator or Contact Person?**  Yes  
 No

**Which database(s) do you apply for?**  2003  
 2007 (Non-ESPAD researchers from July 1, 2013)  
 2011 (Non-ESPAD researchers from July 1, 2015)

**List of authors (preliminary):**

Kokkevi, A., Fotiou, A., Richardson, C., Kanavou, E. ... others

**Working title of the project:**

Trends in nonmedical tranquiliser/sedative use and associations with medical use and the use of cannabis

**Work Plan:** (Please describe objectives, methods and specify the research question(s), maximum 250 words.)

Nonmedical use of tranquilisers/sedatives (TS misuse) among adolescents has become a key public health concern of late. Increases in the prevalence of TS misuse have been reported both in Northern America and in several European countries. TS misuse has been associated with illicit drug use. Because of this association, TS misuse has been typically explained as part of a broader pattern of problem behaviour, with the misuse of TS (as well as of other prescription psychotropic drugs) in some cases acting as substitute for the use of traditional illicit substances—most notably cannabis. TS misuse is nonetheless also associated with prescribed use—a pattern of behaviour that does not necessarily involve the use of illicit substances. No study has been conducted in Europe on cross-country trends in TS misuse in association with the corresponding trends in prescribed TS use and cannabis use and their associations. The present study will use international data from three waves (2003, 2007 and 2011) and will explore possible associations of TS misuse with past-prescription and cannabis, and examine the extent to which changes in TS misuse over time are related to changes in prescribed use and cannabis. Regression analysis will be employed with year as independent factor and its interaction by prescribed use and cannabis for a) each country separately and b) the total of countries (using country as strata level).

**Planned type of publication:**  Paper/article  Report  PhD  
 Other, which:

**Questions (see Questionnaire(s)) to be included in the analysis:** (Please indicate the question numbers.)

C1;C2; C23; C25; C28; C31

**Countries to be included in the analysis:**  All accessible countries

A more limited number of countries, namely:

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