

UNIVERSITE HASSAN I^{ER}



STRUCTURE DE RECHERCHE : SCIENCES ET TECHNOLOGIES DE LA SANTE

FORMATION DOCTORALE : BIOLOGIE, SANTE ET ENVIRONNEMENT

Etat D'avancement De Thèse : Première Année Doctorale 2019/2020

TITRE DE SUJET :

Assessment of vulnerability factors linked to the consumption of psychoactive products in schools and development of sensitivo-preventive protocols and nursing care for schoolchildren in the addiction phase.

Encadrant : ABDERRAOUF HLABI

**Co-Encadrant : CHAHBOUNE
MOHAMED**

DOCTORANTE : EL MOUBCHIRI CHAIMAA

Signature

Plan

- I. *Introduction*
- II. *Problématique de la recherche*
- III. *Matériels et méthodes*
- IV. *Travaux réalisés en 1^{ère} année*
- V. *Formations et activités scientifiques*

J'ai l'honneur de vous présenter ce rapport annuel sur les activités de la recherche scientifique de la thèse doctorale, durant l'année universitaire **2019-2020**.

- **Fiche descriptive du sujet :**

TITRE DU SUJET DE THESE :	Evaluation des facteurs de vulnérabilité liés à la consommation des produits psychoactifs en milieu scolaire et élaboration de protocoles sensitivo- préventif et de Prise en charge infirmière des écoliers en phase d'addiction.
LABORATOIRE DE RECHERCHE :	Sciences et technologie de la santé
ENCADRANT DE LA THESE :	HILALI Abderraouf
CO-ENCADRANT DE LA THESE :	CHAHBOUNE Mohamed
MOTS-CLES :	Facteurs de vulnérabilité ; produits psychoactifs ; écoliers
DATE D'ADMISSION DANS LA THESE :	Le 02 Décembre 2020

I. INTRODUCTION :

Our scientific research work deals with the problem of the consumption of psychoactive substances in young schoolchildren; it is a priority subject of public health among other subjects; Considering the situation of Morocco on the international roads of the traffic amplified this scourge of the consumption of Psychoactive Substances; Furthermore, this topic is apparently serious and has imminent consequences, given its complexity and overlap with other problematic topics.

On a national level ; there is already a slight increase in the prevalence figures between the MedSPAD (Mediterranean School Project on Alcohol and other Drugs) 2013 survey and MedSPAD 2017 for tobacco, alcohol, cannabis and sleeping pills, among schoolchildren between the ages of 15 and 17 years. The prevalence figures for psychotropic drugs appear to be increased compared to those found in 2009, mainly for girls. This observation is well confirmed during this investigation. Nevertheless, the experiment appears earlier compared to the previous MedSPAD survey

The global epidemiological situation is alarming. Drug use is responsible for over 400,000 deaths per year, related disorders represent 0.55% of the total global burden of disease, injecting drug use is responsible for 30% new HIV infections outside sub-Saharan Africa.

When it comes to the use of psychoactive products among young schoolchildren, the problem becomes worrying; the coincidence of the use of APS and adolescence must be considered as a state of alert for anyone involved in this circuit which affects the health of young people; this requires mobilization and multidisciplinary in planning as well as in the implementation of prevention and early detection actions; which targets the reduction and prevention of the consumption of psychoactive substances in this vulnerable category by default.

II. PROBLEMATIQUE :

- Global initiatives urge countries to prioritize quality in order to strengthen human rights-based approaches to health.
- Yet, evidence from high- and middle-income countries shows that services for adolescents are highly fragmented, poorly coordinated, and of uneven quality.
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- Everything indicates that adolescents face many obstacles in terms of access to health care, this is a major challenge to ensure democracy and societal equality in our country; The current care offer does not include structures specifically dedicated to the promotion of mental health in schools and early detection in other structures. In addition, there is nothing systematic, neither in the RSSP systems, nor in the skills of frontline workers: doctors from ESSP and NGO workers providing care for Substance Use.
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- The subject of the use of psychoactive substances among young people and specifically schoolchildren; who are in a vulnerable situation; questions the equitable distribution of health care provision; because any problem carried over from today will be a very heavy burden in the long run. Hence the interest in knowing what are the vulnerability factors linked to the consumption of psychoactive substances among schoolchildren? Or in other words: Why do some settle into a consumption, while others manage to escape this use? In order to develop prevention and nursing care protocols, the following objectives have been put forward:
 - The general objective: To assess the vulnerability factors linked to the consumption of psychoactive substances in schoolchildren with a view to developing a sensory-preventive protocol and nursing care for schoolchildren in the addiction phase.
 - ♣ Specific objectives:
 - • Determine the factors favoring tobacco consumption among young schoolchildren / psychoactive substances among young schoolchildren.
 - • Evaluate awareness-raising interventions on the subject of addiction intended for students in schools: colleges and high schools and even primary school.
 - • Suggest ways to improve these interventions

▪ **III. MATERIALS AND METHODS :**

▪ **3.1 Material:**

- To conduct this study, we will choose certain criteria specific to our Sample:
 - ♣ The Type of the study: Exploratory Study
 - ♣ The study period: 6 months to a year

☒ The population including the study:

According to literature research, early substance use in adolescence; is a major factor in the polyuse of psychoactive substances; which justifies the choice of these criteria:

☒ Inclusion criteria: Students aged 12 to 18

☒ Exclusion criteria: Any student under 12 years old or over 18 years old

2.1 Méthodes :

1.

2. ☒ **NIDA Clinical Trials Network Fagerstrom Test for Nicotine Dependence (FND):**

3.

4. **The Fagerström test is a test that quantifies the patient's level of dependence on tobacco.**

5.

6. ☒ **DEP-ADO:**

7.

8. **is a tool for tracking the consumption of psychoactive substances for adolescents aged 13 to 18 (To be adapted)**

9.

10. **III. Work carried out in the 1st year of the thesis:**

11.

12. **The first year of the thesis was devoted to:**

13.

14. ☒ **bibliographic research, development of the literature review**

15. ☒ **research into tools and working methods.**

16.

17. **IV. Transversal And Specific Training:**

18. **During the first year, the training courses followed were:**

19.

20. **1. (December 13/14, 2019): the 41st day of the league for mental health, Faculty of Medicine and Pharmacy of Casablanca - the league for mental health**

21.

22. **2. (January 06, 2020): 7th L'AMG doctoral training seminar "Methods of data analysis under SPSS"; at the ENSET of MOHAMMEDIA; Hassan li University of Casablanca;**

23.

24. **3. (February 01, 2020): L'enset DE RABAT, UM5 RABAT:**

25. **- Seminars: "Methodology of scientific research" and "MY THESIS FROM A to Z"**

26. **-Workshops: "Writing tools - Bibliographic management of articles - Predatory journals - Indexing of journals-anti-plagiarism"**

- 27. (February 22, 2020): Ibn Tofail Kenitra University - ENSA Kenitra: " Exploratory study and analysis of interviews with NVIVO " " Quantitative study and validation of the AFE Questionnaire " " Modeling with AFC structural equations "**
- 28. (April 07, 2020): Elsevier Researcher Academy How To Collaborate With Authors? How To Find Financing Means?**
- 29. (April 07, 2020): Moroccan Institute for Scientific and Technical Information IMIST "How can I refine my research on ScienceDirect to accelerate the discovery of relevant literature? "**
- 30. (April 16, 2020): Moroccan Institute of Scientific and Technical Information (IMIST) " What are the different metrics of the author, article and journal? (60MIN) "**
- 31. (April 13, 2020) - IMIST 'What can I do on ScienceDirect other than download PDFs of articles that interest me? "**
- 32. (April 21, 2020) - Cell Press- "Best Practices In Submitting Research For Highly Selective Journals"**
- 33. (May 13, 2020) - IMIST " Supporting the development of scientific research - Part (90 minutes) "**
- 34. (MAY 12, 2020) - Web of science Group: " Literature Review "**
- 35. (MAY 14, 2020) - Web of science Group: 'Collaboration and Funding' '**
- 36. (MAY 19, 2020) Web Of Science Group: " Manuscript Preparation "**
- 37. (MAY 20, 2020) - Ibn Tofail Kenitra University " interview, questionnaire; Sampling and Reliability Analysis "**
- 38. (MAY 20, 2020) - IMIST CNRST, Elsevier Researcher Academy: Supporting the development of scientific research - Part II (90 minutes)**
- 39. (MAY 21, 2020) - Web of Science Group: " Journal selection "**
- 40. (April 28, 2020) - Elsevier Researcher Academy " Introduction to science Direct Mendeley and researcher Academy (1,5 hours) "**

27. (MAY 31, 2020) The Cancer Research Institute- "TOBACCO and COVID-19"

28. (From MAY 29 TO JUNE 26, 2020) The Moroccan Institute of Advanced Studies-IMEA, Mohammed V University of Rabat " Research methodology in human and social sciences ' "

29. (Nov 11, 2020) - Elsevier Researcher Academy: "How Elsevier Supports Open Access"

30. (June 3, 2020) - Elsevier Researcher Academy: 'The Book Publishing Process: An Elsevier Author Workshop (120 minutes)

31. (November 18, 2020) - Elsevier Researcher Academy: 'Mendeley Reference Manager' ' "

Référence :

- PLAN STRATEGIQUE NATIONAL DEPREVENTION ET DE PRISE EN CHARGEDES TROUBLES ADDICTIFS 2018-2022
- DEP-ADO | Version 3.2a | Octobre 2013 (Grille de dépistage de consommation problématique d'alcool et de drogues chez les adolescents et les adolescentes)
- L'usage de drogues auprès des élèves Marocains Enquête Scolaire, Medspad Maroc 2017 Fatima El Omari, Maria Sabir, Jallal Toufiq
- Rapport Annuel 2014 de l'Observatoire National des Drogues et Addictions
- Test Fagerstrom : <http://test-addicto.fr/tests/tabac/fagerstrom.html>