

Discipline MCP5898 
Multidisciplinary Scientific Bases for Studies on Smoking Cessation

Concentration area: 5131

Creation: 09/12/2021

Activation: 09/12/2021

Credits: 2

Workload:

Theory (weekly)	Practice (weekly)	Study (weekly)	Duration	Total
3	6	6	2 weeks	30 hours

Professors:

Jaqueline Ribeiro Scholz

Serena Tonstad

Objectives:

OBJECTIVE: Show students the current knowledge about smoking cessation treatment and the new forms of treatment that are currently under investigation, pointing out the difficulties found in the scientific method in this area. Encourage students to develop a critical sense in an area of knowledge in which well quality work is very deficient and encourage them to create possible research projects in the area.

Rationale:

RATIONALE: The technical approach to smoking cessation is very incipient and is restricted to a few centers of excellence in teaching and researching. Since cardiovascular diseases are the main cause of morbidity and mortality in the world, and smoking is the main cause of preventable death, their treatment plays a fundamental role in Public Health. The training of researchers interested in following this area of knowledge is extremely important for the advancement of treatment techniques.

Content:

CONTENT: - Critical analysis of the main tobacco treatment guidelines - Expert consensus: when and how to use - Use of gene polymorphisms in the smoking cessation: basic studies vs. clinical studies - New forms of tobacco and nicotine consumption and the intersection with marijuana

Type of Assessment:

EVALUATION: - Class presence - Research project creation and presented in the form of a seminar

Notes/Remarks:

NOTE: Minimum number of students: 6 Maximum number of students: 12

Bibliography:

1- ISSA JS, ET AL. EFFECTIVENESS OF COADMINISTRATION OF VARENICLINE, BUPROPION, AND SEROTONIN REUPTAKE INHIBITORS IN A SMOKING CESSATION PROGRAM IN THE REAL-LIFE SETTING. NICOTINE TOB RES. 2013 JUN; 15(6): 1146-50. 2- 2018 ACC EXPERT CONSENSUS DECISION PATHWAY ON TOBACCO CESSATION TREATMENT. JACC. 2018. 3- SCHOLZ JR, ET AL. CUE RESTRICTED SMOKING INCREASES QUIT RATES WITH VARENICLINE. TOB PREV CESSAT. 2021; 7:33.