

CICAD Meeting with the Universities of the Americas Concerning the Drug Phenomenon Focusing on the Use of Scientific Evidence

Curricular changes in the related aspects to drugs in the Medicine School

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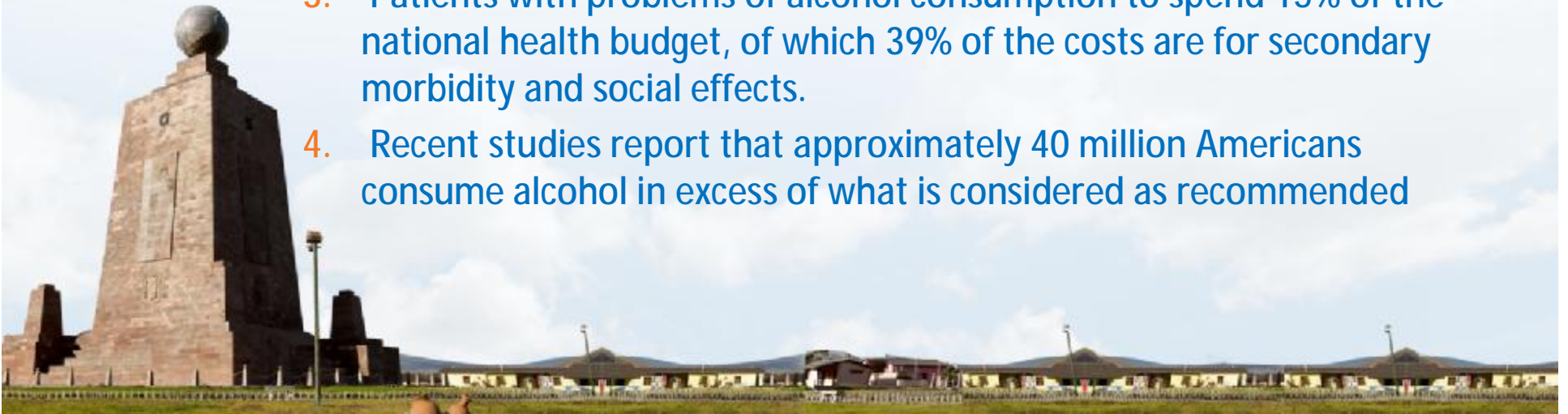


Sept. 12-14, 2012



Impact of Substance Abuse

1. Drug abuse is responsible for 25,000 deaths annually and 100 billion dollars in annual costs for their care in health in the USA.
2. THE consumption of alcohol in the USA is responsible for 100,000 deaths annually and costs \$ 185 trillion health care.
3. Patients with problems of alcohol consumption to spend 15% of the national health budget, of which 39% of the costs are for secondary morbidity and social effects.
4. Recent studies report that approximately 40 million Americans consume alcohol in excess of what is considered as recommended

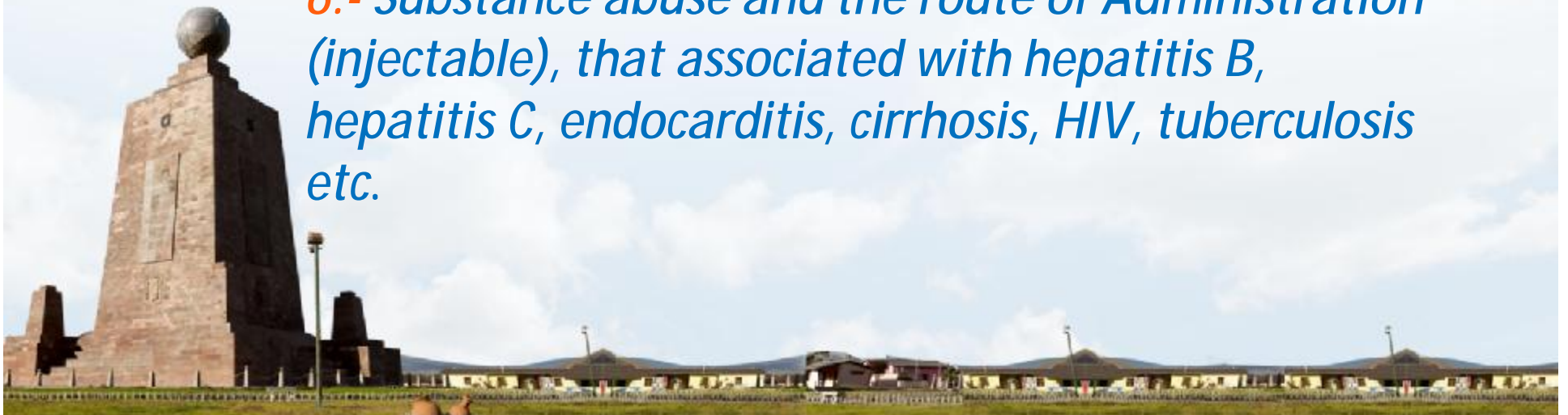




Impact of substance abuse

5.- The study of comorbidity in USA has found 29% to 37% prevalence of psychiatric patients with alcohol abuse.

6.- Substance abuse and the route of Administration (injectable), that associated with hepatitis B, hepatitis C, endocarditis, cirrhosis, HIV, tuberculosis etc.

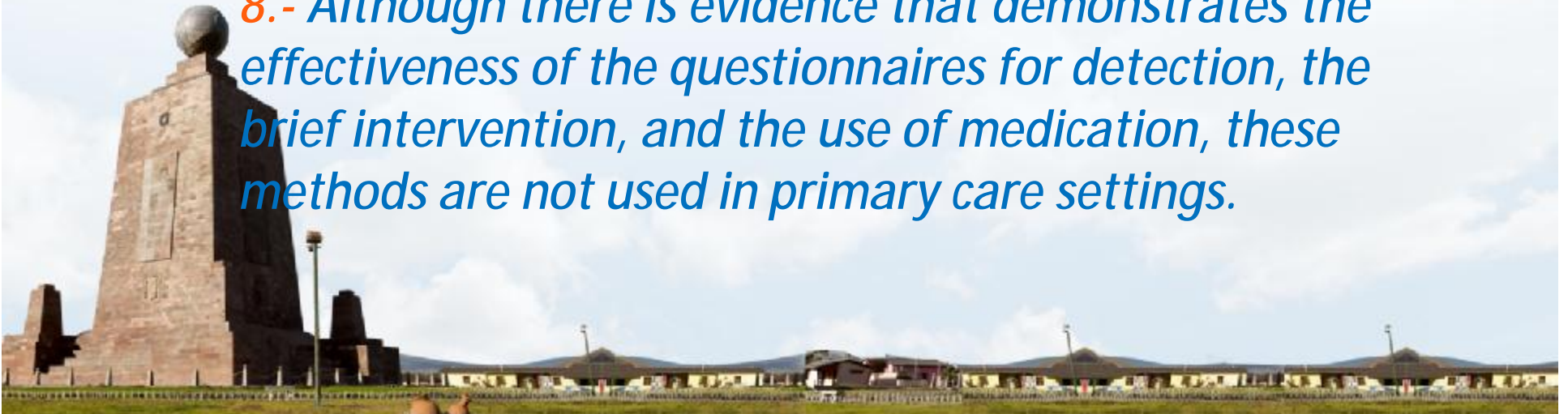




Impact of Substance Abuse

7.- In spite of these effects on health, the majority of people with problems of abuse or dependence on drug use, they do not receive treatment and remain unidentified, even when they receive medical attention

8.- Although there is evidence that demonstrates the effectiveness of the questionnaires for detection, the brief intervention, and the use of medication, these methods are not used in primary care settings.

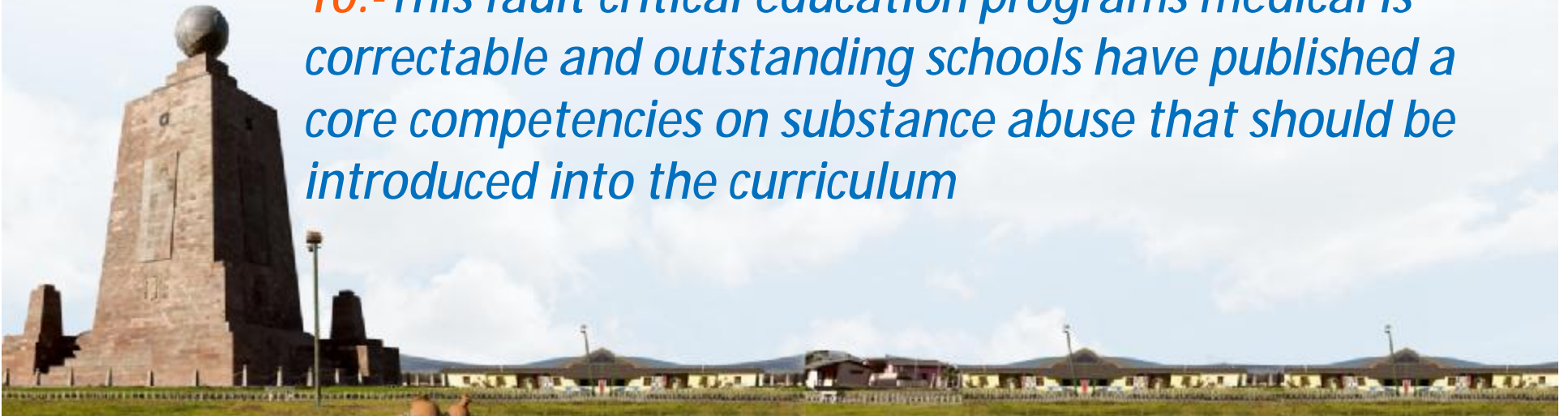




Impact of Substance Abuse

9.-The central element for this failure to provide proper care, is the lack of training on substance abuse in education programs medical

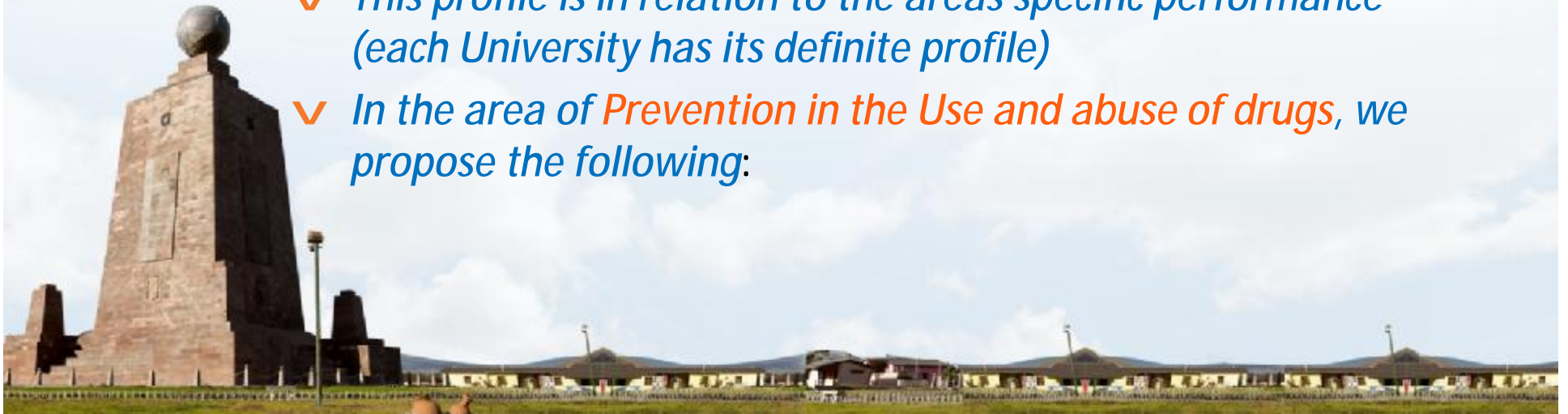
10.-This fault critical education programs medical is correctable and outstanding schools have published a core competencies on substance abuse that should be introduced into the curriculum





Medical Profile

- ✓ *The professional profile of the graduate of the career in medicine constitutes a set of projected competencies and/or capabilities of what a student should know (cognitive), know-how (procedural), know how to be and live (attitudinal); at the end of a training process.*
- ✓ *This profile is in relation to the areas specific performance (each University has its definite profile)*
- ✓ *In the area of **Prevention in the Use and abuse of drugs**, we propose the following:*





Competences

- ✓ *Medical with technical and human skills to provide comprehensive care: prevention, treatment, rehabilitation(At all levels).*
- ✓ *Physician-Educator - Communicator*
- ✓ *Medical doctor-teacher*
- ✓ *Medical - Researcher*
- ✓ *Medical- Administrator - Manager of health services*





General competence in the area of drugs

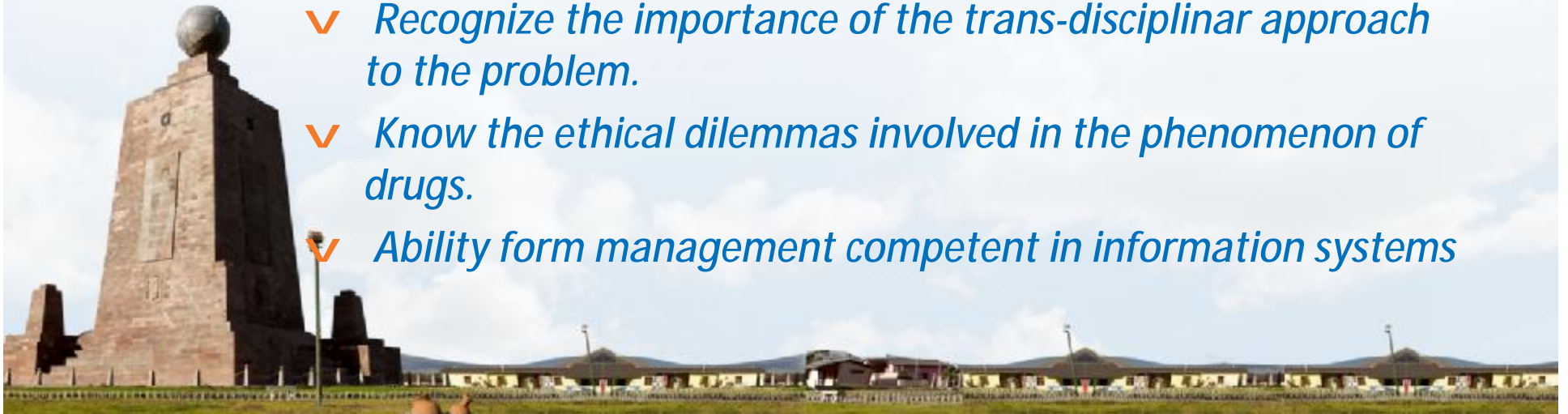
- ✓ *The graduate degree in medicine should be a professional with up-to-date knowledge, abilities, skills, and values, in the area of prevention, treatment and rehabilitation of the phenomenon of drug-related problems, so you can play with efficiency in health care service*





Competence in the area of drugs

- ✓ *Known about the phenomenon of drugs as a public health problem. Prevention, treatment and rehabilitation.*
- ✓ *Known the aspects of human dignity committed in the handling of the problem of drugs.*
- ✓ *Recognize the importance of the trans-disciplinary approach to the problem.*
- ✓ *Know the ethical dilemmas involved in the phenomenon of drugs.*
- ✓ *Ability form management competent in information systems*





Competences in the area of basic skills

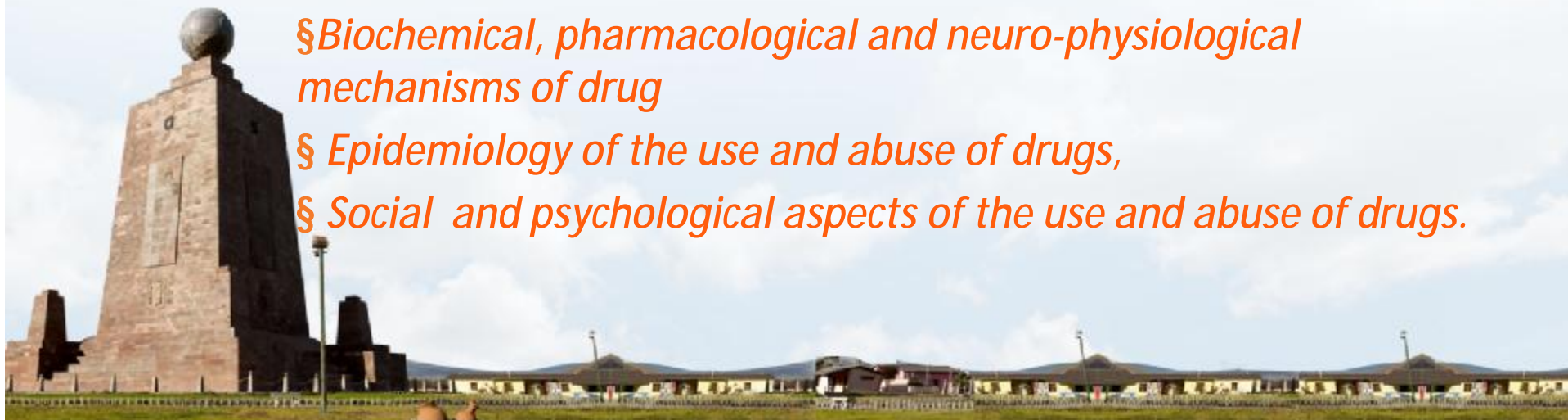
All competitions on biomedical basic sciences (molecular biology, genetics, Anatomy, Physiology, pharmacology, public health, etc.) that have direct application in the care of patients with use and abuse of drugs.

§ Structure and classification of drugs

§ Biochemical, pharmacological and neuro-physiological mechanisms of drug

§ Epidemiology of the use and abuse of drugs,

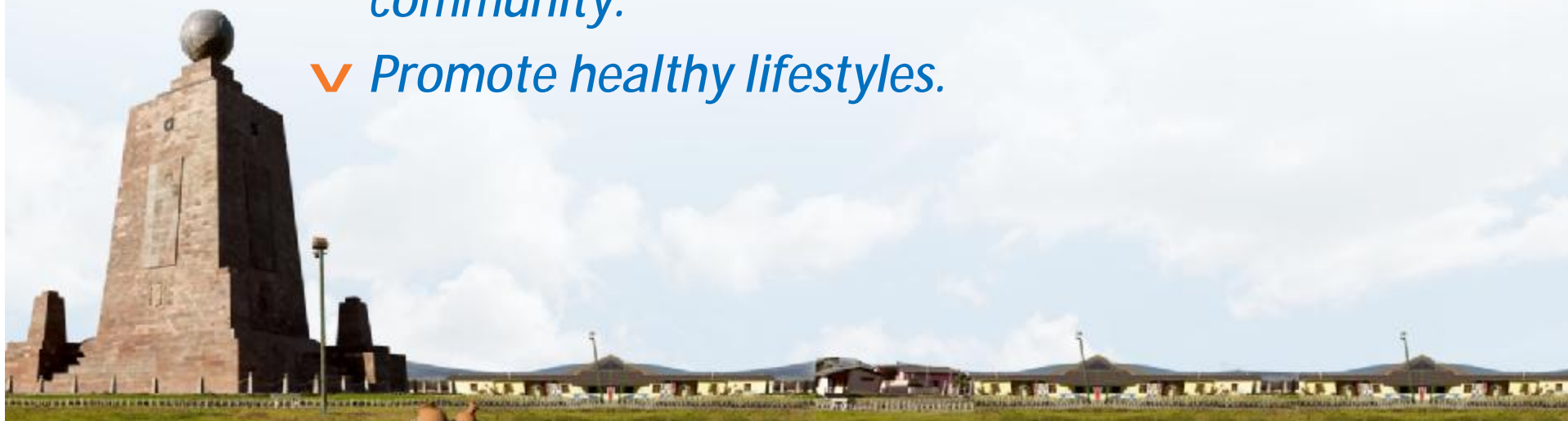
§ Social and psychological aspects of the use and abuse of drugs.





Competences in the area of basic skills

- ✓ *Participate in activities for the promotion of community health on the subject of drugs.*
- ✓ *Ability to transmit scientific knowledge to the community.*
- ✓ *Promote healthy lifestyles.*



Activities in the basic area on the theme of drugs



Curriculum

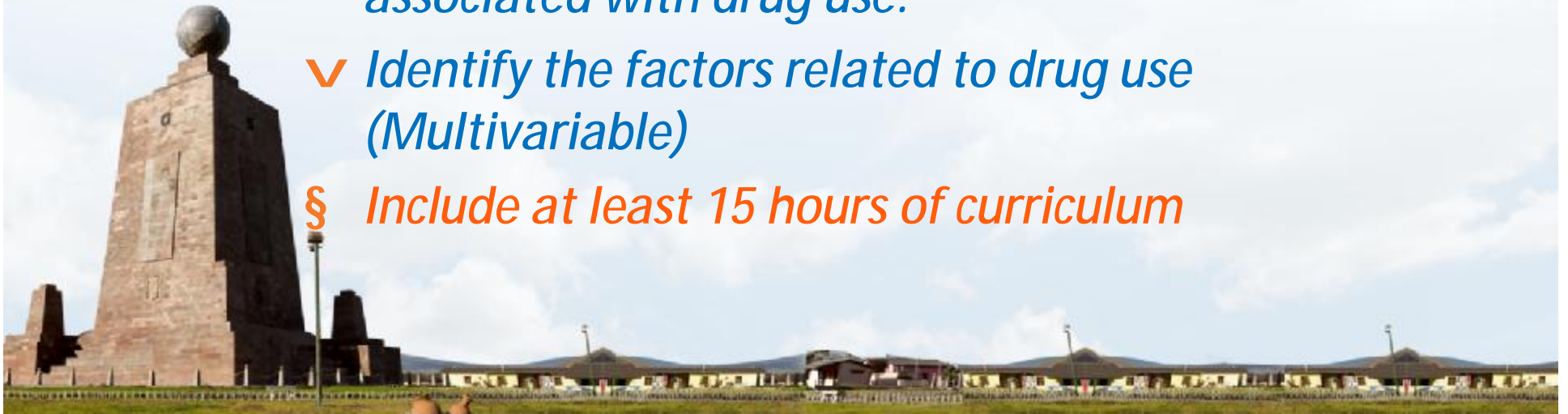
Dicipline	Contain	Año	Horas
✓ Physiology.	Tolerance neurophysiological mechanisms; Mechanism of action of the psychotropic drugs	1º	
✓ Fundamentals of medical practice	Use of psychoactive substances	1º	
✓ Biochemistry.	Receiving benzodiazepines, noradrenergic, dopaminergic and GABAergic and opioids	1º	
✓ Public Health	Epidemiology and impact do drug abuse	2º	
✓ Pharmacology.	Mechanism of action of drugs used in the treatment of chemical dependency	2º	
✓ Patology	Mechanisms of injury related to the use of drug recidual	2º	
✓ Psiquiatry	Clinical aspects das chemical dependencies	3º	

Include at least fifteen curricular



Pre-clinics Competences

- ✓ *Ability to identify the signs and symptoms of licit and illicit drug use.*
- ✓ *Identify signs and symptoms of diseases associated with drug use.*
- ✓ *Identify the factors related to drug use (Multivariable)*
- § *Include at least 15 hours of curriculum*

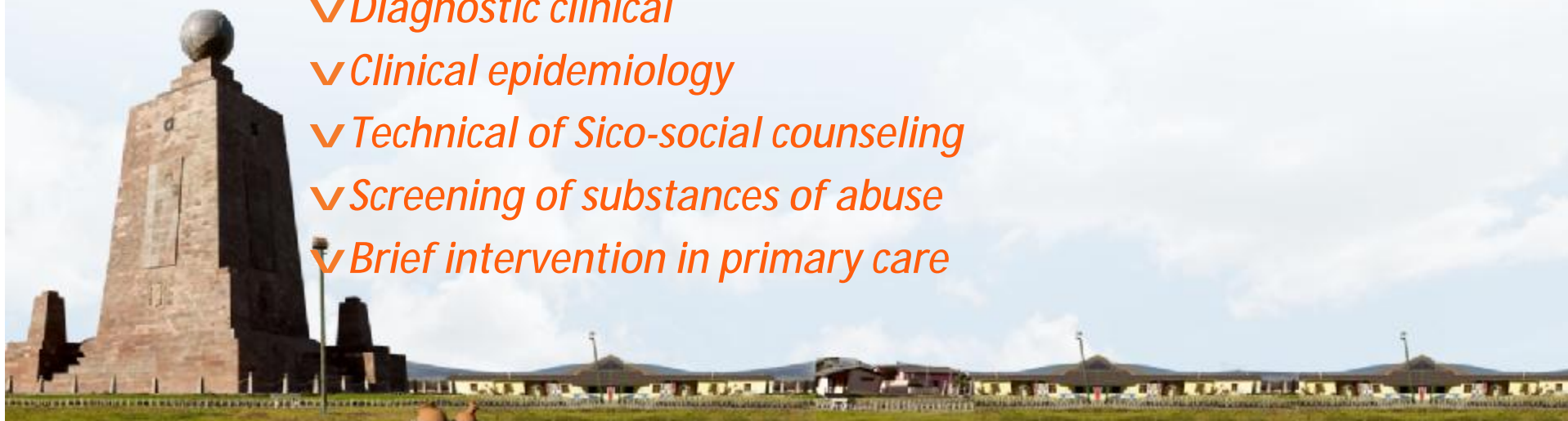




Clinics Competitions

Acquire the competitions of science clinics that have direct application in the care of patients who make use and abuse of drugs

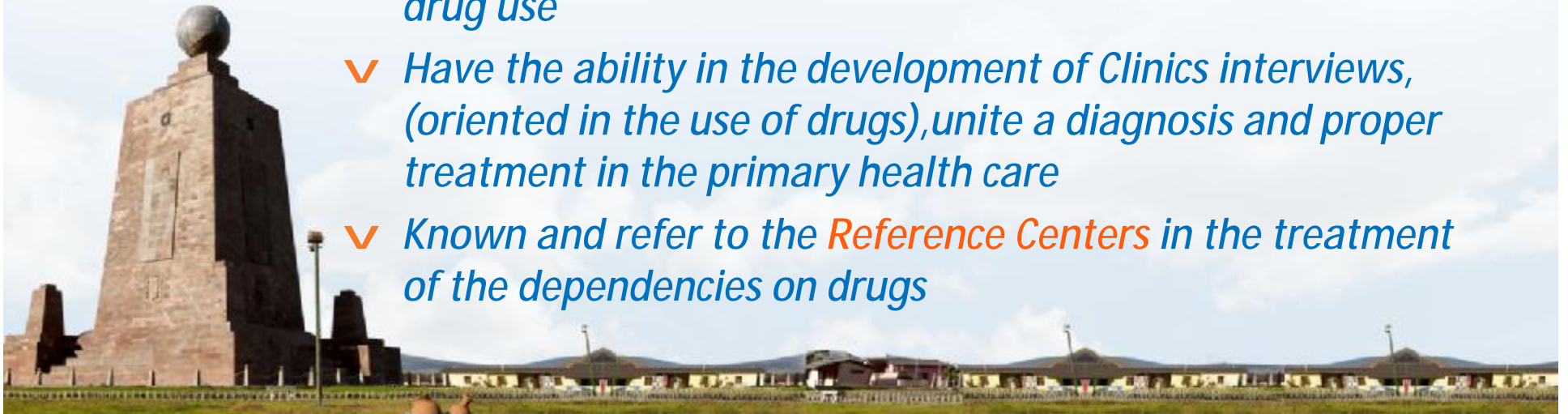
- ✓ *Interviews with patients*
- ✓ *Physical examination*
- ✓ *Diagnostic clinical*
- ✓ *Clinical epidemiology*
- ✓ *Technical of Sico-social counseling*
- ✓ *Screening of substances of abuse*
- ✓ *Brief intervention in primary care*





Clinics Competences

- ✓ *Learn to diagnose mental disorders associated with drug use*
- ✓ *Known diagnose the clinical disorders associated with the consumption of drugs (co-morbidity)*
- ✓ *Known, identify and intervene in a timely manner, on the individual and the family, the various factors associated with drug use*
- ✓ *Have the ability in the development of Clinics interviews, (oriented in the use of drugs), unite a diagnosis and proper treatment in the primary health care*
- ✓ *Known and refer to the **Reference Centers** in the treatment of the dependencies on drugs*



Activity Clínicas in the thematic of drugs



Discipline	Contain	Hours
Ø Public Health	Overview of the use of drugs in Peru and in the world, epidemiology and socio-economic impact of the use of controversial topics, psychoactive substances in drug addiction (marijuana, harm reduction)	
Ø Neumology	Tobacco (public health problem)	
Gastroenterology	Alcohol (of the social use dependency)	
Ø Cardiology and Endocrinology	Benzodiazepínics and moderates of apetit (of the use eventual to the dependency)	
Ø Medicine of Urgency	Cocaine/Crack (clinical effects and risk of overdose)	
Pathology, medical psychology and Psychiatry are present in all the activities of the modulo		



Activities in the thematic drugs (3)

CURRÍCULUM ELECTIVE		
Disciplines	Contain	Horas
Ø <i>Elective psychiatric emergency</i>	Practical course in an emergency service psychiatric clinical approach of patients with drug-oriented	
Ø <i>Multidisciplinary approach to drug abuse - Tabaquismo-alcoholism</i>	Theory course - practical focusing on problems related to the tabaco-alcohol and drug abuse and its treatment.	
<i>Introductory course of the activities of the societies of Alcoholics Anonymous and drug units and other units</i> <i>Include at least 30 hours curriculum</i>	Theory course - practical for the students who participate in the activities of the aid societies in different types of dependencies	