ID	2638
Curricular Unit	Clinical Epidemiology
Regent	Maria Filomena Araújo da Costa Cruz Carnide
Learning Outcomes	1. Knowledge of fundamental concepts and main types of studies in Epidemiology. 2. Capacity to interpret the results of epidemiologic studies. 3. Capacity to design an epidemiological study
Syllabus	1 - Introduction to Epidemiology: Concepts and objectives; 2 - Measurement in Epidemiology: Prevalence; Cumulative incidence; Incidence density; Prevalence ratio - incidence 3 - Sources of Information: Population; Mortality; Morbidity; Determinants 4-Types of studies in epidemiology : Ratings; Study Design; Types of studies 5 - classification studies 6 - Descriptive Studies: Who? Where? • When Migrant Studies; Ecological Studies; Case reports or case series; Cross-Sectional Studies 7 - Cohort Studies: competitor ; history ; Relative Risk 8 - Case-control studies: Exploratory and Analytical; >From hospital / institutional basis; Population-based ; "Odds Ratio" ; Bias - Basic Concepts 9 - Measures of Association: Relative risk or risk ratio; Reason of possibilities or "odds ratio"; Attributable risk, Fraction Etiologically Risk; Population attributable risk; Fraction Etiologically Risk Population 10 - Principles of causality 11 - Systematic review
Evaluation	Continuous assessment : Theoretical-component - perform a writing frequency. The frequency must have a minimum grade of 9.5. - Practical component - making worksheets 2 of which must be evaluated. All entries must have a minimum grade of 9.5. The note of this component is 30% of final grade the discipline. Final evaluation : - Conducting an examination consisting of a written, practical and oral test. To access the oral exam is required obtain evidence in writing and practice a minimum grade of 9.5. The final grade is 70% of 30% theoretical component and the practical component.

Bibliography	Beaglehole R, Bonita R & Kjellström T (2003). Básica.Lisboa Epidemiology. National School of Public Health. Hulley, S., Cummings, S., Browner, W., Grady, D; Hearst, N., Newman, T. (2001). Designing Clinical Research: An Epidemiologic Approach. 2 nd edition. Philadelphia. Lippincott Williams & Wilkins, pp. 336 Last J. (1988.) Dictionary of Epidemiology. Lisbon. Gerald the Health Directorate