

<b>ID</b>	3829
<b>Curricular Unit</b>	Clinical Epidemiology
<b>Regent</b>	Maria Filomena Araújo da Costa Cruz Carnide
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Knowledge of fundamental concepts and main types of studies in Epidemiology.</li> <li>2. Capacity to interpret the results of epidemiologic studies.</li> <li>3. Capacity to design an epidemiological study</li> </ol>
<b>Syllabus</b>	<ol style="list-style-type: none"> <li>1 - Introduction to Epidemiology: Concepts and objectives;</li> <li>2 - Measurement in Epidemiology: Prevalence; Cumulative incidence; Incidence density; Prevalence ratio - incidence</li> <li>3 - Sources of Information: Population; Mortality; Morbidity; Determinants</li> <li>4-Types of studies in epidemiology : Ratings; Study Design; Types of studies</li> <li>5 - classification studies</li> <li>6 - Descriptive Studies: Who? Where? • When Migrant Studies; Ecological Studies; Case reports or case series; Cross-Sectional Studies</li> <li>7 - Cohort Studies: competitor ; history ; Relative Risk</li> <li>8 - Case-control studies: Exploratory and Analytical; &gt;From hospital / institutional basis; Population-based ; "Odds Ratio" ; Bias - Basic Concepts</li> <li>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</li> <li>10 - Principles of causality</li> <li>11 - Systematic review</li> </ol>
<b>Evaluation</b>	<p>Continuous assessment :</p> <p>Theoretical-component - perform a writing frequency. The frequency must have a minimum grade of 9.5.</p> <p>- 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.</p> <p>Final evaluation :</p> <p>- 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.</p>

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