FAO UF*m*G
FACULDADE DE ODONTOLOGIA

EMENTA

TITLE OF THE ACADEMIC CURRICULAR ACTIVITY:	CODE: **OSP834**	CARGA HORÁRIA		
APPLIED BIOSTATISTICS AND EPIDEMIOLOGY IN DENTISTRY I		Theoretical	Practical	Total
		90h		90h
NATURE ( ) MANDATORY (X) OPTIONAL	MASTER			

PROFESSORS:: Mauro Henrique Nogueira Guimarães de Abreu, Cristiane Baccin Bendo Neves, Fabiana Vargas Ferreira, Renata de Castro Martins, Raquel Conceição Ferreira

SYLLABUS:

General concepts in epidemiology; sequence of epidemiological thinking; study designs and sampling plan. Descriptive statistics. Probability elements. Statistical inference: confidence interval and hypothesis testing. Classic statistical tests: chi-square, "t" for one and two samples, simple linear regression, and correlation. Analysis of variance.

OBJECTIVES:

BIBLIOGRAPHY

Basic Bibliography:

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ALMEIDA FILHO, N.; BARRETO, M.L. Epidemiologia & Saúde: fundamentos, métodos, aplicações. Rio de Janeiro: Guanabara Koogan, 2011.

BONITA R. et al. Epidemiologia básica. 2.ed. WHO/Santos: São Paulo, 2010. Disponível em https://apps.who.int/iris/bitstream/handle/10665/43541/9788572888394_por.pdf?sequence=5&isAllowed=y

DAKHALE G.N. et al. Basic biostatistics for post-graduate students. Indian J Pharmacol. 2012 Jul-Aug; 44(4):435–442. doi: 10.4103/0253-7613.99297. Disponível em https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3469943/

GOMEZ R.S. et al. It is about time to stop misusing the p-value?. J Oral Pathol Med. 2016;46:81. Disponível em https://onlinelibrary.wiley.com/doi/abs/10.1111/jop.12509

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