

Presentation title: Epidemiology of penile cancer from the 20th to the 21st century: a literature review

Corresponding Author name: Rafael Campos Silva

Affiliation: Federal University of Maranhão

Ph. No:

Email ID's: rafaelcampossilva@gmail.com

WhatsApp No: +5598984257230

Any alternative number:

Other Authors if any:

Presentation type: Oral presentation

Abstract (250-300 words):

Background and Objective: Penile cancer (PC) is a disease with great potential for physical mutilation and psychological damage, which represents an important public health problem in underdeveloped regions. To reduce the incidence of PC, it is necessary to elucidate its causes and risk factors, as well as to understand the epidemiological profile of patients affected by this neoplasm. Therefore, the objective of this study was to evaluate, through the literature, the epidemiological profile of PC over the 20th and 21st centuries. **Methods:** A literature review was conducted using as references the PubMed and Virtual Health Library (VHL) databases, using as descriptors the terms (penile) AND (neoplasms) AND (Epidemiology) AND (Risk Factors). For comparison, seven articles from the 20th century, published between 1963 and 1999, and eight articles from the 21st century published between 2000 and 2022 were selected, addressing the theme in an integrated manner without language restrictions. Those that addressed the descriptors in isolation were excluded. **Key Content and Findings:** This review shows that the sociodemographic profile of patients with PC remains unchanged when compared to studies conducted in the 20th century and first decades of the 21st century. It is possible to clearly verify that men with low income, low education, living in rural areas, and who work in farming characterize the public affected by PC over the two centuries. **Conclusions:** It is evident that risk factors have always been closely related to socioeconomic conditions and the spatial distribution of the disease remains a problem in underdeveloped regions.

Biography (150-200 words):

Graduation in Medicine by Federal University of Maranhão (2012). Medical Residencies in General Surgery at Health Home Santa Marcelina (2016) and in Urology at the Clinical Hospital of Federal University of Minas Gerais (2019). Fellowship in Uro-Oncology by National Cancer Institute (2019). Member of the Brazilian Society of Urology. Certified Robotic Surgeon. Assistant Urologist at the University Hospital of the Federal University of Maranhão (UFMA).

