

ABSTRACT

FACTORS RELATED TO THE INCIDENCE OF COMPUTER VISION SYNDROME ON COMPUTER OPERATORS AT PT. BANK LAMPUNG, LAMPUNG PROVINCE

By

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Computer usage leads to various health problem including eye discomfort. The complex of eye and vision problems related to prolonged use of Visual Display Terminal (VDT) has been termed as *Computer Vision Syndrome* (CVS). CVS is the ocular sign collection that emerge after working in front of the computer screen. Symptoms of CVS like astenopia, hazy vision, dry eye, headache, back pain, neck strain, eye irritation, and juicy eye. We conduct research on CVS for the purpose of this study was to determine factors related to the incidence of CVS on computer operators at office PT. Bank Lampung, Lampung province.

This research was on September until December 2015. The study design was observational – analytic with cross-sectional approach and involved 76 respondents.

The results showed a significant relation to the sex factor ($p = 0,010$ and $OR = 4,190$), rest breaks frequency ($p = 0,004$ and $OR = 0,0129$), glasses user ($p = 0,013$ and $OR = 0,105$), and eye distance towards computer screen ($p = <0,001$ and $OR = 0,003$). At the age factor, long usage, and condition of lighting does not have a significant relation in which the value of $p = >0,05$.

Keywords: *computer vision syndrome*, computer operators