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The Correlation Between The Internal Factors Of Village Midwives On The Effectiveness Of Use The Si-Cantik Software In The Trosobo Community Health Center On Taman District Sidoarjo

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**Abstract:**

**Background:** In Sidoarjo, Si-Cantik (*Sistem Informasi Sidoarjo Cegah Angka Kematian Ibu Dan Anak*) software has been created to reduce maternal mortality (MMR) and infant mortality (IMR) based on the indicators of the success of health services in a region according to Sustainable Development Goal (SDGs) and the National Medium Term Development Plan. **Purpose :** this study was to analyze the correlation between the internal factors of village midwives on the effectiveness of use the Si-Cantik software in the Trosobo Community Health Center on Taman district Sidoarjo in 2019. **Method:** This study was observational analytic using the cross sectional method. The population of the study were 20 village midwives with samples taken from the entire population with total sampling technique. Variables consist of internal village midwives as independent variables, and the effectiveness of using the Si-Cantik program as the dependent variable. **Results :** The results of this study based on Chi-Square test is  $p = 0,04$  ( $\alpha < 0,05$ ) and it shows theres significant correlation between internal factor of village midwives with effectiveness of the use of Si-Cantik software in the Trosobo Community Health Center on taman district in Sidoarjo. The results of Contingency coefficients test is  $C = 0,417$  (41,7%) which means the correlation between village midwife's internal factors and the effectiveness of the use of the Si-Cantik program are quite significant at 41.7%. **Conclusion:** This study shows that theres a correlation between the internal factors of village midwives and the effectiveness of use the Si-Cantik software.

**Keywords :** Si-Cantik Software, Internal Factors, Understanding Levels



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