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#1784 Summary

SUMMARY REVIEW EDITING

Submission

Authors	Nur Ulfah, Siti Harwanti, Ngadiman Ngadiman
Title	Prediction Models for Decreasing Visual Acuity in Wig Makers
Original file	1784-4556-1-SM.DOCX 2017-10-07
Supp. files	1784-4557-1-SP.DOCX 2017-10-07 1784-6737-1-SP.JPG 2018-07-17 1784-6738-1-SP.JPG 2018-07-17 1784-6739-1-SP.JPG 2018-07-17
Submitter	Mrs nur ulfah
Date submitted	October 7, 2017 - 11:34 AM
Section	Articles
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Author comments	Yth. tim redaksi jurnal kesmas UIBerikut saya kirimkan artikel dengan judul analisis faktor risiko pekerjaan pada karyawan rambut palsu di Purbalingga Tim penelitiNur Ulfah dkk
Abstract Views	714

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Status

Status	Published	Volume 13, Issue 3, February 2019
Initiated	2019-02-04	
Last modified	2019-04-08	

Submission Metadata

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Bio Statement	—
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Title and Abstract

Title	Prediction Models for Decreasing Visual Acuity in Wig Makers
Abstract	One of the occupational diseases that can arise for workers with high accuracy is a decrease in their visual acuity. Therefore, it is necessary to study the risk factors of decreasing visual acuity in workers with high accuracy, such as in wig makers. This study aimed to examine the correlation between age, working period, lighting intensity, fatigue, and nutritional status with visual acuity, and to observe the main risk factors that can be used as a reference for predicting decreasing visual acuity. This study was an observational study that used a cross-sectional design. The population

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number for this study was 185 wig makers. A total of 85 samples were selected using simple random sampling. The study was carried out in January to March 2016 on wig makers in Purbalingga. The results showed that variables most closely associated with visual acuity were working period ($p\text{-value} = 0.000 < 0.05$), lighting intensity ($p\text{-value} = 0.000 < 0.05$), and fatigue ($0.013 < 0.05$). Variables that were not related to vision acuity were age ($p\text{-value} = 0.846 > 0.05$) and nutritional status ($p\text{-value} = 0.562 > 0.05$).

Indexing

Keywords Prediction model, visual acuity, worker
Language en

Supporting Agencies

Agencies —

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- References
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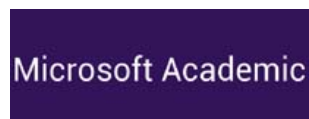
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