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Effects of simple measures to reduce the occupational solar UV exposure of outdoor workers

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Abstract

Taking sun-sheltered meal and tea-breaks around solar noon can reduce occupational exposure to solar erythematous ultraviolet (UV) radiation by outdoor workers. The research presented in this article has quantified the reductions in solar UV exposure to be expected in summer and winter for different scenarios of break times for this high UV exposure occupational group of the population.

Author keywords

Outdoor workers; Personal protective equipment; Solar ultraviolet radiation; Ultraviolet radiation

Indexed keywords

EMTREE medical terms: article; human; occupational exposure; radiation dose; solar radiation; summer; ultraviolet radiation; winter

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