

Faktor-Faktor yang Berhubungan Dengan Kematian Akibat Difteri di Indonesia Tahun 2018

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Deskripsi Lengkap: <https://lib.fkm.ui.ac.id/detail.jsp?id=131223&lokasi=lokal>

Abstrak

Diphtheria is a re-emerging disease caused by the *Corynebacterium diphtheria* bacteria and causes death. The death from diphtheria in the world has CFR of 5-10% while in Indonesia has CFR is 2% that make it becomes one of public health concerns. This study aims to determine the factors associated with diphtheria deaths in Indonesia in 2018 using surveillance data on routine reports of diphtheria cases in Indonesia in 2018. The study design used was cross-sectional with a unit of analysis of individuals suffering from diphtheria in Indonesia in 2018. In this study there were 817 cases with 2.8% of patients dying and mostly of them living in West Java province (211 patients). Sex factors, primary diphtheria immunization status, and Serum Anti Diphtheria (ADS) status were not statistically related to diphtheria deaths. Factors statistically associated with diphtheria deaths were age <15 years (OR = 7.863; 95% CI = 1,831 - 33,77) and diagnosis of diphtheria patients from laboratory confirmation (OR = 2,774; 95% CI = 1,000 - 7,693).

Key words: Diphtheria, Death, Factors, Indonesia, 2018