

ABSTRACT

RISK FACTOR AFFECTING MILD MENTAL RETARDATION IN SLB SCHOOL AT SURABAYA ACADEMIC YEAR 2019-2020

Background: Mental retardation is disorder of intellectual function and adaptive ability that is demonstrated in aspects of conceptual, social, and adaptive practice skills in children under the age of 18 and characterized by an IQ of less than 70. Based on etiology or causes, mental retardation can be divided into socio-cultural and biological causes. Knowing the etiology of mental retardation is important because disability in children can be prevented by knowing the cause

Objective: This study aims to analyze risk factors for students with mild mental retardation in special schools in Surabaya in the academic year 2019-2020.

Method: This study was an observational analytic study with a cross-sectional approach that took primary data in the form of a questionnaire on patients. The data is then analyzed through univariate to display the characteristics of respondents and descriptive research variables and bivariate analysis with a chi-square test to determine the effect of risk factors on mild mental retardation.

Result: In this study, there were 50 case samples and 50 control samples. Factors obtained by the length of baby care in the post-natal hospital ($p=0.010, OR=0.318, 95\%CI=0.131-0.775$), the baby cries immediately at birth ($p=0,000, OR=0.052, 95\%CI=0,007-0,417$), antenatal care ($p=0.014, OR=0.107, 95\%, CI=0.013-0.889$), LBW ($p=0.002, OR=0.820, 95\%CI=0,7200-0,934$), prematurity ($p=0,007, OR=0,148, 95\%CI=0,031-0,706$), family income ($p=0,000, OR=0.077, 95\%CI=0.028-0.207$), father's education ($p=0.001, OR=5.310, 95\%CI =1,913-14,745$) affect mild mental retardation.

Conclusion: Factors that influence mild mental retardation consist of perinatal factors (length of baby's stay in the hospital, baby crying at birth, antenatal care, premature, LBW) and environmental factors (family income and father's education)

Keywords: *mild mental retardation, risk factor, developmental delay*

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DAFTAR SINGKATAN

AAIDD	: <i>American Association on Intellectual and Developmental Disabilities</i>
AGB	: Anemia Gizi Besi
AHA	: American Heart Association
ANC	: <i>Antenatal care</i>
ASI	: Air Susu Ibu
BBLR	: Berat badan lahir rendah
CDC	: <i>Centers for Disease Control and Prevention</i>
DSM	: <i>Diagnostic and Statistical Manual</i>
GPPH	: Gangguan Pemusatan Perhatian dan Aktivitas
HIV	: Human Immunodeficiency Virus
IDAI	: Ikatan Dokter Anak Indonesia
IQ	: Intelligence Quotient
KDRT	: Kekerasan Dalam Rumah Tangga
KEK	: Kurang Energi Kronis
KIA	: Kesehatan ibu dan anak
KPSP	: Kuisisioner Pra Skrining Perkembangan
NICU	: <i>Neonatal Intensive Care Unit</i>
PERMENKES	: Peraturan Kementrian Kesehatan
PPDGJ	: Pedoman Penggolongan dan Diagnosis Gangguan Jiwa
RS	: Rumah Sakit
RM	: Retardasi Mental

SD	: Sekolah Dasar
SDIDTK	: Stimulasi, Deteksi dan Intervensi Dini Tumbuh Kembang
SDKI	: Survey Demografi dan Kesehatan Indonesia
SLB	: Sekolah Luar Biasa
SMA	: Sekolah Menengah Akhir
SMP	: Sekolah Menengah Pertama
TB	: Tuberculosis
TDD	: Tes daya dengar
TDL	: Tes daya lihat
TORCH	: Toxoplasmosis, rubella, cytomegalovirus dan herpes
UMK	: Upah Minimum Kabupaten/Kota
USG	: Ultrasonografi
WHO	: <i>World Health Organization</i>