

**Title :** The relationship between the severity of autism spectrum disorder and adaptive behaviors in daily life among children with abnormal electroencephalographic findings or comorbid seizures.

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## ABSTRACT

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This study aimed to investigate the association between the severity of autism spectrum disorder (ASD) in children presenting with abnormal electroencephalographic (EEG) findings or comorbid seizures and their adaptive behaviors. Secondary data were obtained from the research project entitled “*Indication of Severity of Symptoms among Children with Autism Spectrum Disorders Related to EEG Abnormalities.*” The study sample comprised 120 children aged 6–14 years.

Symptom severity was categorized into mild, moderate, and severe levels, with distinct characteristics and behavioral patterns observed across severity groups. Adaptive behavior was assessed using the Vineland Adaptive Behavior Scales (VABS). The findings indicated that the majority of participants were male, with a mean age of 9 years. The results demonstrated that children with mild symptoms achieved the highest adaptive behavior scores across all domains, whereas those with severe symptoms exhibited the lowest scores, particularly in the

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domain of daily living skills. In conclusion, the severity of autism accompanied by abnormal EEG findings or seizures is significantly associated with adaptive functioning in children. Increasing symptom severity is linked to greater impairments in adaptive behaviors, especially in communication skills.

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## Title name guide.

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Professor	ศาสตราจารย์
Associate Professor Dr.	รองศาสตราจารย์ ดร.
Associate Professor	รองศาสตราจารย์
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Assistant Professor	ผู้ช่วยศาสตราจารย์
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Lecturer	อาจารย์
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Microbiology	จุลชีววิทยา
Zoology	สัตววิทยา
Biochemistry and Biochemical Technology or Biochemistry and Biochemical Innovation	ชีวเคมีและชีวเคมีเทคโนโลยี หรือ ชีวเคมีและชีวเคมีนวัตกรรม
Chemistry	เคมี
Industrial Chemistry	เคมีอุตสาหกรรม
Materials Science	วัสดุศาสตร์
Physics	ฟิสิกส์
Computer Science	วิทยาการคอมพิวเตอร์
Data Science	วิทยาการข้อมูล
Mathematics	คณิตศาสตร์
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Geology	ธรณีวิทยา
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