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Life style and environmental factors-influence the IQ in children and adolescents- A study in Malaysia

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Intelligence quotient (IQ) is widely used to assess different aspects of mental ability. Development in mental ability initiates from conception and continues through adulthood. Various environmental factors affect IQ.

Objectives: The aim of this study was to assess the correlation between IQ and environmental characteristics on cranial capacity in children and adolescents in Malaysia.

Methods: This cross sectional study was performed on primary

and secondary school students in Kuala Terengganu, Malaysia. Students, who were aged between 6 to 16 years and did not have any mental or physical disabilities, participated in this study. Measurements including weight, height, body mass index and cephalometry were performed for each subject. The Wechsler Abbreviated Scale of Intelligence-second edition (WASI-II) questionnaire was used for each subject to evaluate the subtests of IQ.

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