人类指掌皮肤嵴纹与智力发育的相关性研究 A Study of Correlativity between Skin Ridge of Finger and Palm in the Human and Intelligence Development

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摘要　　本工作对120例遗传型智残者和60例非遗传型智残者的指、掌皮肤嵴纹数进行分析，并分别与相同例数的对照组同类资料进行比较，找出与智力发育相关的指端、指间区、指基部皮纹参数，据此将遗传型智残组按智商值的不同分为6个组，将不同智商组对应的各区嵴纹数进行分析处理。结果表明，指端皮肤嵴纹数与智商呈正相关，相关系数r＝0.8319，各指间区和指基部嵴纹数与智商值呈负相关，相关系数r＝-0.7392。

Abstract　Digital and palmar of 120 cases of hereditary mental deficiency and 60 cases of non-hereditary mental deficiency were analysed, and compared with the control group using the same cases and identical data, and then skin vein parameter interrelated with intelligence development for digital end, interdigital area, digital root were found. In the light of this we divided the hereditary mental deficiency group into 6 accorcding to IQ value, and analysed statistically every area ridge count corresponding to different IQ group. The result showed that ridge count of digital end was positively correlated with IQ value correlative coefficientr=0.8319; Whereas ridge count of interdigital area and digital root were negatively correlated with IQ value correlative cofficientr=0.7392.

关键词　　皮肤纹理　智商　相关性 Key word　Dermatoglyphics　Intelligence quatient(IQ)　Correlativity

分类号

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Key words

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