

# 汉、回、蒙古族拇指类型、环食指长、扣手、交叉臂及惯用手的研究 Study of Pollical Type,Palmar Digital,Formula,Hand ClaspngArm Folding and Handedness in Han,Hui and Mongol Nationalities

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**摘要** 作者于1996年在内蒙古调查了汉、回、蒙古族5项人类遗传学经典指标(拇指类型、环食指长、扣手、交叉臂、惯用手)。研究结果显示:(1)3个民族间拇指类型、扣手出现率存在显著性差异,交叉臂、惯用手出现率则无显著性差异,环食指长出现率蒙-汉、蒙-回间存在显著性差异;(2)拇指类型、扣手、惯用手出现率无性别间差异,环食指长出现率男女间存在显著性差异;(3)惯用手与扣手、惯用手与交叉臂间存在明显的相互关系,交叉臂与扣手之间则无关;(4)与国外人群比较,3个民族环指长出现率高,交叉臂R型出现率较高,扣手R型出现率较低,惯用手L型出现率高于印度的一些群体。

**Abstract:**Authors in vestigated 5 general indexes of anthrotogical genetics including pollical type,palmar digital formula,hand clasping,arm folding and handedness in Han,Hui and Mongol nationalities in 1996.The results showed as follows:(1)There were significant differences in the frequency of pollical type and hand clasping in 3 nationalities,but those of arm folding and handedness showed nosignificant difference and the frequencies of palmar digital formula between the Mongol and the Hui revealed significant difference. (2)There were no significant sexual difference in the frequency of pollical type,hand clasping and handedness while the long type (R) of ring finger revealed significant sexual difference. (3)There were obvious correlations between handedness and hand clasping,handedness and arm folding but no relation between arm folding and hand clasping. (4)In comparison with foreign ethnic groups,the 3 nationalities showed higher frequencies of long type (R) of ring finger and right-arm folding but the frequence right-hand clasping revealed slightly lower.The findings showed higher frequence of Left-Handedness than that of Indian population.

**关键词** [拇指类型](#) [环食指长](#) [扣手](#) [交叉臂](#) [惯用手](#) **Key words** [Pollical type](#) [Palmar digital formula](#) [Hand clasping](#) [Arm folding](#) [Handedness](#)

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