

Relationship between psychological factors and nonulcer dyspepsia in Chinese

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Abstract

AIM: Non ulcer dyspepsia is an extremely common gastroenterologic disease. Quite a few factors are involved in its pathogenesis.

METHODS: In order to understand the role of psychological factors in the pathogenesis of nonulcer dyspepsia (NUD) in Chinese, we investigated 40 cases of NUD and 21 healthy controls with the

Minnesota Multiphasic Personality Inventory (MMPI).

RESULTS: It showed 72.5% subjects of NUD with abnormal MMPI, compared with 4.8% in controls ($P < 0.001$). Even though all clinical scale scores were significantly higher in NUD group than those in controls except the hypomania scale score were more evident. The curve of MMPI chart was elevated in NUD group and demonstrated 1, 3 pattern.

CONCLUSION: It supports the assumption that the psychological disturbance may play an important role in the explanation and consultation. And psychological treatment may be necessary in some cases.

Key words: Non-ulcer pepsia; Psychological disturbance

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