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Development of Yin-Xu Body Constitution Questionnaire in Traditional Chinese Medicine

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Purpose: The purpose of this study is to develop a Yin-blood-Xu Constitution Questionnaire (BCQ-), and test its reliability and validity.

Methods: The questionnaire of BCQ- was developed using a step-by-step approach: 1) to form the research team and select a panel of 38 experts who had both MM and TCM educational background and professional training for Delphi method, to generate questionnaire items from literature review and Delphi process, refine these items to be colloquially acceptable, and evaluate their face and content validity by Delphi process again; 2) to evaluate the difficulty of answering these questions by pilot study with 81 subjects whose age were between 20-60; 3) eight hundred and twenty one eligible participants, aged between 20-60, no disease onset in the past month, and receiving health examination in teaching hospitals were recruited to test the reliability and validity; 4) criterion-related validity was approval by 150 subjects.

Results: Nineteen out of the 22 items from BCQ- were developed. Exploratory factor analysis identified 5 domains that represent and correspond to the manifestations of the diminishing material level in 5 different body areas: Yin-blood-Xu in the head, four limbs, gastrointestinal tract, body surface, and abdominal cavity. The Cronbach’s coefficient alpha (α) ranged from 0.57-0.77 and the intraclass correlation coefficients were greater than 0.7 for most of the 19 questions. The concurrent validity for BCQ- in TCM physiscian and Hemoglobin showed consistent agreements.

Conclusion: Five domains with 19 items in BCQ- were developed. BCQ- is a valid and potentially useful tool for evaluating the Yin-blood-Xu constitution in clinical practices and researches.

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Abstract Describes: Completed Work/Project

Preferred Presentation Format: Either poster or podium

Learning Objectives #1: The learner will be able to known a new tool to evaluate Ying-Xu body constitution in Traditional Chinese Medicine.

Learning Objectives #2: The learner will be able to understand the measurement items in Ying-Xu body constitution in Traditional Chinese Medicine.

Purpose/Target Audience: The purpose/target audience of this presentation is the people who are interested in Alternative Medicine, or the people who are seeking a measure tool in body constitution.

Keywords: Body constitution, Questionnaire and Traditional Chinese Medicine


Topic Selection: Surveys and Questionnaires to Enhance Patient Care
Slot: 12: Thursday, 25 July 2013: 3:15 PM-4:30 PM

Scheduled Time: 3:15 PM

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