

The Characteristics and Key Issues in Electronic Medical Records (EMR) of Traditional Chinese Medicine (TCM)

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Abstract and Objective

This poster briefly introduces the characteristics of TCM data, significances of EMR of TCM, and several key factors in the establishment of EMR of TCM.

Keywords:

EMR of TCM, objectification of TCM, normalization, standardization.

Introduction

EMR of TCM is the medical record about TCM clinician diagnoses and treatments. EMR of TCM for the most urgent work completes the normalization and standardization of TCM clinical data, so that the clinical data of EMR of TCM become reliable and useful.

Methods

Characteristics and Significances of EMR of TCM

EMR of TCM is the foundation and main tool for modernizing Chinese medicine research. There are and therapeutic principles and therapeutic methods in dealing with clinical information of TCM, and traditional Chinese drug, acupuncture and moxibustion, manipulation, etc. In addition, during diagnoses there is some special consideration for season, diet, work scheduling, etc. In sum, there are characteristics in clinical doctor's advice of TCM.

Much attention on these differences and characteristics should be paid to while doctors are constructing the EMR of TCM.

The First Key Issue in EMR of TCM: Objectify the Acquisition Data

The data collected in TCM through ways including observing, smelling and feeling pulse should be done in an objective way with acquisition instruments.

The Second Key Issue in TCM-EMR: Standardized Diagnostic and Therapy Instruments

Clinical medicine treatment-related equipment must be standardized so that clinical treatment data in TCM EMR can be shared.

The Third Key Issue in TCM-EMR: Unification of Data and Data Processing Methods

Data is the foundation of information processing. In order to share information in electronic medical records, data must be standardized; treatment of TCM clinical data should be recorded according to standardized rules.

Conclusions

TCM electronic medical records, refers to the clinical data—complete detailed texts, symbols, charts, data, and images, which are produced during clinical Chinese medicine treatment. The data can be stored, managed, transferred and re-presented. It is a modern digital medical record form. In order to share the data in electronic medical records that are collected during clinical diagnoses and treatment, data collection should be standardized, and as objective as possible.

References

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