



# Construction of Teaching Resource Database for Classical Cases of TCM Nursing

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**Abstract:** Classic cases of Traditional Chinese Medicine (TCM) nursing are the core carrier connecting TCM nursing theories with clinical practice. The construction of a teaching resource library for classic TCM nursing cases aims to solve problems existing in current TCM nursing education, such as the disconnection between theory and practice, fragmented inheritance of classic knowledge, and homogenization of teaching resources. With classic TCM nursing works as its foundation and clinical practice needs as its orientation, this resource library integrates multi-dimensional case resources and combines a structured framework with modern information technology, thus forming a teaching support system that features both inheritability and innovation.

**Keywords:** traditional Chinese medicine nursing; classic cases; teaching resource bank; education reform

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## 1. Introduction

TCM nursing is an important component of Traditional Chinese Medicine (TCM). Its inheritance and development rely on the in-depth understanding of classic theories and the effective transformation of clinical experience. At present, TCM nursing education faces dual challenges: First, the traditional teaching model focuses on theoretical lectures and lacks the systematic exploration and application of classic cases, making it difficult for students to transform the nursing concepts from classic works such as *Huangdi Neijing* (Yellow Emperor's Inner Canon) and *Qianjin Fang* (Essential Prescriptions for Emergencies) into clinical practical abilities. Second, most of the existing teaching resources focus on modern nursing content, while TCM nursing classic case resources are scattered and lack standardized organization, which cannot meet the needs of high-quality teaching. For this reason, the construction of a TCM nursing classic case teaching resource database has become a key measure to connect the inheritance of classics and modern education.

## 2. The core value of building a teaching resource bank of classical cases of nursing in TCM

The construction of the teaching resource library for classic cases of TCM nursing holds significant core value. On one hand, it enables the inheritance of the classic wisdom of TCM nursing. Classic works are key carriers for the inheritance of the discipline. Currently, inheritance relies on individual teachers' experience and lacks standardized support, with some cases at risk of being lost. The resource library takes classic works as the core data source, conducts verification, demonstration, sorting, and digital preservation of classic cases. This not only prevents the loss of classic nursing knowledge but also ensures the accurate inheritance of classic nursing concepts, laying a solid theoretical foundation for the sustainable development of the TCM nursing discipline. On the other hand, it adapts to the needs of modern nursing education reform. Under the reform of vocational education, TCM nursing education has shifted towards competence cultivation. Existing resources focus more on theory, while the resource library establishes a multi-dimensional and hierarchical case system. It provides teachers with new types of teaching materials and offers students personalized learning paths, promoting the transformation of the education model towards modernization.

## 3. Content structure design of teaching resource database for classical cases of nursing in TCM

### 3.1 Screening and classification criteria of case resources

Case selection must adhere to three fundamental principles: classicism, clinical relevance, and pedagogical applicability. Classicism requires cases to originate from authoritative texts like the *\*Huangdi Neijing\** (Yellow Emperor's Inner Canon) and be rigorously authenticated. Clinical relevance demands alignment with real-world clinical settings, prioritizing nursing cases for common conditions in internal and surgical departments[2]. Pedagogical applicability ensures compatibility

with educational objectives across different academic levels, including secondary vocational, higher vocational, and undergraduate programs. The classification system employs a three-dimensional framework: categorizing cases by disease systems (internal/surgical), nursing techniques (acupuncture, emotional care), and complexity levels (basic, comprehensive, innovative) to meet diverse learning and research needs.

### **3.2 Integration and construction of multi-dimensional resources**

The resource library integrates four core modules to form a multidimensional system. Case studies feature four key components: background context, original classical texts, nursing protocols, and outcome assessments. Supporting materials include pathophysiological analysis, protocol derivation, and difficulty breakdowns. Visual aids comprise technical operation videos and acupoint diagrams. Extended resources encompass classical excerpts, contemporary literature, and protocol comparisons, all designed to enhance in-depth learning and critical thinking development.

### **3.3 Building a structured database**

The database adopts a three-tier architecture design. The data storage layer utilizes distributed storage technology to standardize multi-format resource storage, with a device-sharing mechanism ensuring security. The functional service layer provides keyword search, personalized recommendations, case collection, and teaching statistics. The user interaction layer is compatible with multiple terminals, supporting resource preview and download, featuring a simple and intuitive interface.

## **4. Implementation path of teaching resource bank of classical cases of nursing in TCM**

### **4.1 Mechanism for cross-subject collaboration**

The development of teaching resource repositories for classic TCM case studies requires establishing a collaborative framework involving universities, TCM hospitals, and research institutions, as this initiative spans multiple domains including classical text research, clinical practice, and educational pedagogy. Universities, serving as lead institutions, are responsible for defining instructional requirements, establishing construction standards, coordinating application scenarios, and organizing educational experts to participate in case selection and analysis to align with teaching principles. TCM hospitals, acting as clinical support units, provide clinical cases, organize expert reviews to validate their clinical applicability, contribute to case analysis and documentation, and integrate clinical experience to ensure practical value. Research institutions, functioning as classical text support units, provide archival resources and organize experts to authenticate the historical origins of case-related texts.

### **4.2 Integration and application of modern information technology**

Modern information technology is crucial for improving the construction quality and application effect of the teaching resource library for classic cases of Traditional Chinese Medicine (TCM) nursing, and it is necessary to focus on integrating three major technologies: big data, VR, and cloud technology. Big data technology can analyze data such as students' search keywords and learning duration to identify their learning needs and weak points. For example, if it is found that students search for emotional nursing cases frequently but spend little time learning them, supplementary analysis resources for emotional nursing cases can be provided targeted. It can also optimize the case recommendation and teaching statistics functions by analyzing teachers' case usage data. VR technology can create immersive learning scenarios, such as simulating the rehabilitation nursing of stroke patients. Through VR devices, students can intuitively observe patients' symptoms and simulate nursing operations like acupoint massage and emotional counseling, which enhances the sense of immersion and practicality in learning and makes up for the shortage of practical opportunities in traditional teaching.

## **5. Conclusion**

The teaching resource library of classic TCM nursing cases serves as the core platform bridging the inheritance of TCM nursing classics with modern education. Its development not only addresses the disconnect between theory and practice in traditional teaching but also ensures the living transmission of classic nursing wisdom through a systematic and standardized resource system. In the future, the library will continue to rely on cross-organizational collaboration mechanisms and modern information technology, dynamically incorporating new clinical advancements and research findings from classic texts, while continuously optimizing its content structure and application models. It is believed that through ongoing refinement, this resource library will become a crucial support for the connotative development of TCM nursing disciplines, injecting lasting momentum into the inheritance of TCM culture, the cultivation of high-quality TCM nursing professionals, and the

service of the Healthy China strategy.

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