



east view

# CHINA RESEARCH GATEWAY

LCZL

Applied Medicine

临床诊疗知识库

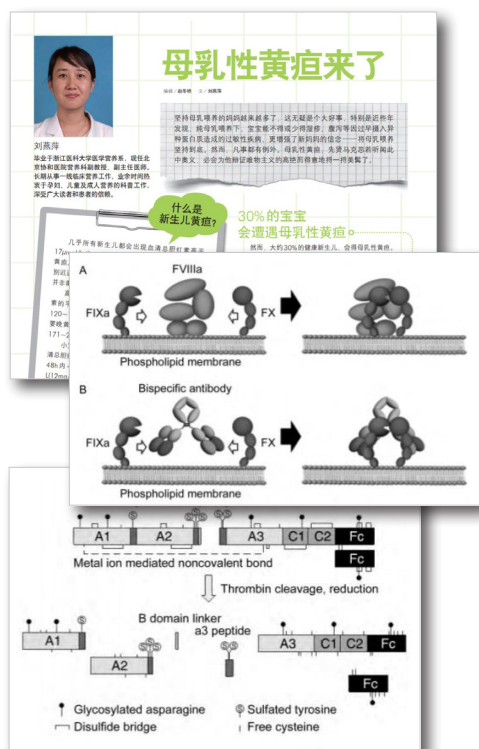
**Applied Medicine (LCZL)** is a comprehensive clinical diagnosis and treatment knowledgebase. Leveraging a massive collection of literature from CNKI databases, LCZL offers a complete collection of total clinical diagnosis and treatment knowledge resources. Supported by MCI intelligent search, users can explore a wide variety of resources and topics, including diseases, drugs, auxiliary diagnosis and treatment, clinical guidelines, operating specifications, evidence-based literature, nursing, and more. LCZL constructs diagnosis and treatment knowledge around specific diseases, and allows for the discovery of associations between diseases, drugs, guidelines, evidence-based literature, and more. Users can also enter in a patient's symptoms, examinations, and general conditions and LCZL will recommend the 10 most likely diseases based on intelligent clustering. With its focus on high-quality data, LCZL is a powerful tool to efficiently obtain relevant knowledge in the diagnosis and treatment process; provide extended reading of guidelines, evidence-based literature, case literature and related literature; expand clinical thinking; and support standardized diagnosis and treatment.

## Features

- **Disease-centric database structure:** Constructs diagnosis and treatment knowledge around specific diseases, with each disease following an objective diagnosis and treatment process, linking related drugs, operating specifications, inspections, etc.
- **Focus on the clinical perspective:** Search through 2.18 million cases, guidelines, evidence-based and clinical literature officially published in CNKI's Chinese Hospitals Knowledgebase (CHKD); discover associations between diseases, drugs, guidelines, evidence-based literature, etc. to achieve auxiliary diagnosis and treatment, and improve the efficiency of knowledge acquisition.
- **Platform supported by Intelligent Search:** LCZL makes use of MCI (Medical Specialties Subject Classification Intelligent System) subject terms vocabulary, which links all different expressions of the same concept, such as synonyms and similar words, into a single standard searching term (subject term). The result is standardized indexing of disease subject words and more accurate and complete search results.

## LCZL at a Glance

Language:	Chinese
Interface:	Chinese
Abstracts:	Chinese
Updates:	Monthly
Data Format:	Full text, reports
Producer:	Tongfang Knowledge Network Ltd. (TKN)
	 www.cnki.net 中国知识基础设施工程
Platform:	CNKI



# LCZL Applied Medicine

## More Features

- **Auxiliary diagnosis and treatment function:** Enter the patient's most prominent symptoms, signs and general conditions and LCZL will recommend the 10 most likely diseases based on intelligent clustering (the system automatically arranges them in order of relevance). Through the learning and review of disease knowledge, it helps doctors consider new possibilities or confirm their diagnosis, as well as reduce the occurrence of misdiagnosis.
- **Search** according to the classification of clinical disciplines, disease name, clinical manifestations, complications, laboratory examinations, other auxiliary examinations, diagnosis, differential diagnosis, treatment, etc. Perform secondary searches to further narrow results.

## Content

LCZL offers a complete collection of total clinical diagnosis and treatment knowledge resources:

- **Disease:** Over 6,800 articles; specific information on more than 9,000 diseases in 27 clinical disciplines; auxiliary diagnosis and treatment module can be used to suggest possible diseases.
- **Auxiliary Diagnosis and Treatment:** More than 310,000 articles; fragmented case literature improves the learning experience, with key information mined to improve searching and clustering of similar cases, diseases, diagnosis, etc.
- **Auxiliary Examination:** More than 1,200 articles; includes overviews, principles, reagents, operating methods, normal values, clinical significance, notes, etc.
- **Drugs:** More than 21,000 kinds of drugs; information from more than 5,000 types of books; based on pharmacological classification, drug information displays dosage form, pharmacological effects, pharmacokinetics, indications, contraindications, precautions, adverse reactions, drug interactions, usage and dosage, and expert commentary.
- **Clinical Guidelines:** More than 6,900 articles; timely publication of newly published guidelines and expert consensus included in CNKI's Chinese Hospitals Knowledgebase (CHKD) with direct searching of guidelines for diseases, drugs, etc.; grouping and clustering functions for categories, disciplines, times, and sources help guide standardized treatment.
- **Operating Specifications:** More than 2,250 articles; includes indications, contraindications, preparations, methods, result judgments, precautions, etc., to assist medical staff in the standardization of various clinical medical work.
- **Evidence-Based Literature:** More than 230,000 articles; provides reference for the standardization of diagnosis and treatment. The search results are grouped and clustered by category, time, subject, and source to improve the efficiency of result screening.
- LCZL also offers coverage of:
  - **Clinical Pathways:** More than 1,400 clinical pathways released by the Health Commission.
  - **Anesthesia:** More than 200 documents
  - **Nursing:** More than 1,800 documents



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