The Current Situation and Prospects of Medical Education Accreditation in Mainland China

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Current Situation and Problems
in Medical Education
Medical Education in Mainland China

- Established National medical education systems
- Strengthen medical education systems reform
- Remarkable achievements
Medical Education in Mainland China

- 136 medical colleges or universities have undergraduate programs for clinical medicine
  - 5-year and 8-year programs: 13
  - 5-year and 7-year programs: 29
  - 5-year program only: over 80
Medical Education in Mainland China

- In 2011
  - Number of new enrolled medical students: 73,000
  - Number of Medical Graduates (clinical medicine): ~60,000
  - The number of enrollment of medical students is ordered by MOE.
Existing Problems of Medical Education in Mainland China

- Lack of scientific macro-guidance for school size and school classification, causing discrepancy between social demand and medical education.
- Lack of an access system and a powerful supervision and evaluation system for school quality.
- Teaching methods and course content lag behind.
- Unbalanced capacity-building: lack of capacity building for humanistic concern, team-work spirit, global consciousness, communication skills, and etc.
- The impact that medical school merging into comprehensive university on medical education should be evaluated.
- Oversize of student number of some schools, insufficient input.
Medical Education Accreditation

Background

• Internationalization of medical education
• Cross-border and trans-regional flowing of medical human resources
• Diversity of medical education
  – Teaching traditions, management mode, curriculum system, teaching methods
  – Evaluating principles, opportunities for clinical practice, available resources
“To the year of 2023, the graduate school of any foreign medical graduate applying for ECFMG certificate must pass the formal accreditation (with internationally recognized procedures or standards equal to LCME or WFME).”【2010-9-21】
Start and Development
of Medical Education Accreditation

Establish a Chinese medical education accreditation system
equivalent to the international one
Accreditation standards—“Undergraduate medical education standards: for clinical medicine”

• Supported by Medical Education Professional Committee under Chinese Association of Higher Education, MOE, a research team for “quality control system studies on Chinese medical education” was set up.(2002)

• The research team drafted “Undergraduate medical education standards: for clinical medicine” (2005)
Medical Education Accreditation
Mainland China’s Track

• Standards for Basic Medical Education (for trial Implementation)” published by MOE and MOH in 2008

• Guidelines for the Accreditation of Medical Education published in 2009
Standards for Basic Medical Education  
(for Trial Implementation)

- Attributes of Basic Medical Graduates (outcome)
- Education Standards for Basic Medical Education (procedure)
Attributes of Basic Medical Graduates

- **Professionalism and ethics** (11 items)
- Objectives relating to knowledge (10 items)
- Objectives relating to skills (12 items)
Education Standards for Basic Medical Education

1. Mission and objectives
2. Educational programme
3. Assessment of students
4. Students
5. Academic staff
6. Educational resources
7. Programme evaluation
8. Research
9. Governance and administration
10. Reform and development

10 items
44 sub-items
Accreditation Organizations

- Expert Committee for the Accreditation of Medical Education
- Working Committee for the Accreditation of Medical Program
- Secretariat
Medical Education Accreditation

Procedures

1. Schools apply for accreditation
3. Site inspection of expert group: 6-8 experts (including a secretary), 3-7 days
4. Accreditation report
   - Report of preliminary opinions (announced at the end of site inspection)
   - Final accreditation report (submitted to accreditation authority months after site inspection)
5. Accreditation conclusions
6. Timely progress reports
<table>
<thead>
<tr>
<th>WFME</th>
<th>China</th>
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<tbody>
<tr>
<td></td>
<td>Before 2011</td>
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<td>After 2011</td>
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<tr>
<td>Full accreditation</td>
<td>Full accreditation</td>
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<tr>
<td>Conditional accreditation</td>
<td>Conditional accreditation (3~8yrs)</td>
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<td>Denial or withdrawal of accreditation</td>
<td>No accreditation</td>
</tr>
<tr>
<td>Public announcement</td>
<td>10 days of public announcement</td>
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<tr>
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<td>Pass accreditation</td>
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Pilot Accreditation for Medical Education

2006   WFME’s Global Standards for Undergraduate Medical Education:  Harbin Medical University

2008   Undergraduate Medical Education Standards in China:  Tongji Medical College of Huazhong University of Science and Technology

2009-2011   Pilot accreditation:

1. Shantou University Medical College
2. Xiangya Medical College of South Central University
3. Bethune Medical College of Jilin University
4. China Medical University
5. Guangxi Medical University
## Accredited Schools in Mainland China

<table>
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<tr>
<th>University</th>
<th>Time of Accreditation</th>
<th>Accreditation conclusion</th>
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<tbody>
<tr>
<td>Harbin Medical University</td>
<td>2006.5</td>
<td>Full Accreditation (8yrs)</td>
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<tr>
<td>Huazhong University of Science and Technology</td>
<td>2008.3</td>
<td>Full Accreditation (8yrs)</td>
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<td>Shantou University</td>
<td>2009.11</td>
<td>Conditional Accreditation (6yrs)</td>
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<tr>
<td>South Central University</td>
<td>2010.11</td>
<td>Conditional Accreditation (6yrs)</td>
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<td>Jilin University</td>
<td>2011.4</td>
<td>Pass accreditation (5yrs)</td>
</tr>
<tr>
<td>China Medical University</td>
<td>2011.12</td>
<td>Pass accreditation (6yrs)</td>
</tr>
<tr>
<td>Guangxi Medical University</td>
<td>2011.12</td>
<td>Pass accreditation (6yrs)</td>
</tr>
</tbody>
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Prospect of Medical Education Accreditation
Medical Education Accreditation

Prospect

• Problems to be solved
  – Localization and Internationalization of the standards
  – Relationship between the accreditation outcome and the development of university
  – International reorganization of the accreditation
  – Give policy support by MOE
  – Medical colleges and universities should pay attention to medical accreditation, the regular external quality assurance means
Medical Education Accreditation

Prospect

- Push medical education accreditation forward
- International collaboration and communication
- Sponsorship for the new World Directory of Medical Schools (*the Avicenna Directory merging with the IMED directory held by the US Foundation for the Advancement of International Medical Education Research (FAIMER)*).
Thank You for your attention