



Strategies to Cope with New Trends in Medical Education in Brazil: Faculty of Medicine of the University of São Paulo

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BRAZIL



Medical Education in Brazil

- Problems and Challenges
- National Curricular Guidelines
- The Role of the Ministry of Health
- The Role of the Brazilian Association of Medical Education (ABEM)
- Some contributions of the Faculty of Medicine of the University of Sao Paulo

Medical Education in Brazil: Problems and Challenges

- Continental size
- Regional differences
- Social contrasts
- Substantial increase in the number of Medical Schools in recent years
- The number of Residency Programs increases very slowly



Physical Map of the World, April 2004

Scale: 1:100,000,000
Projection: Robinson
Source: USGS, NOAA, and other sources



April 2004
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Brazil: Size

- Russia - 17,098,242 km²
- Canada - 9,970,610 km²
- USA - 9,629,091 km²
- China - 9,598,086 km²
- **Brazil - 8,514,877 km²**
- Australia – 7,741,220 km²
- India – 3,166,414 km²

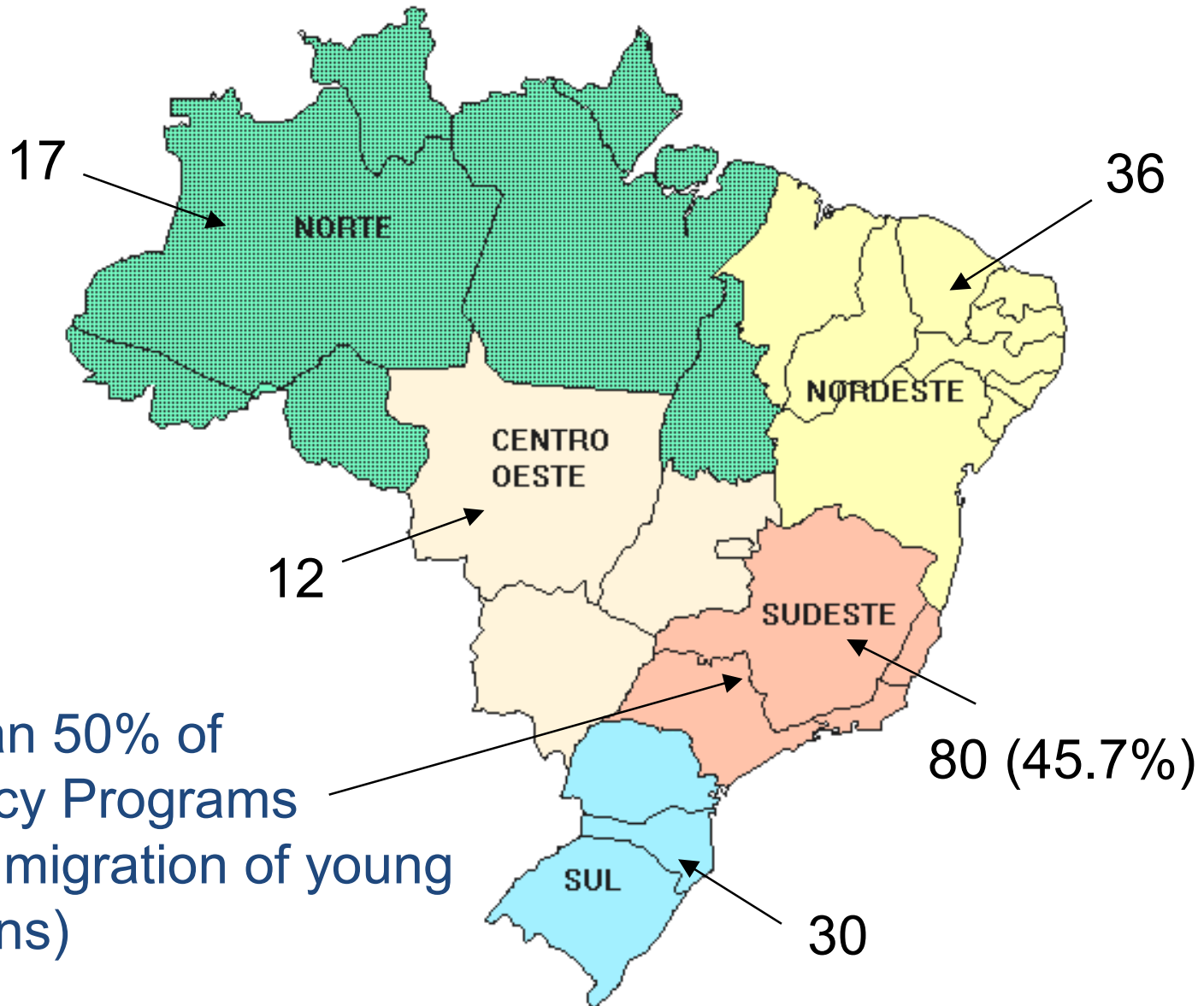
Brazil: Population

- China
- India
- USA
- Indonesia
- **Brazil – 185,000,000**
- Pakistan
- Bangladesh

Medical Schools in Brazil

- 85 medical schools in 1997
- 175 medical schools in 2008 (17,400 first year medical students)
- 90 new medical schools in the last 10 years
- 71 medical schools are public (40.6%)
- 104 medical schools are private (59.4%)

Medical schools in Brazil (n=175)



Medical Education in Brazil: National Curricular Guidelines

- The National Curricular Guidelines for Medical Education were approved by the Ministry of Education (“Diretrizes Curriculares”) in 2001.
- The Guidelines highlight professional competencies: self-directed learning, communication, leadership and empathy. It recommends curriculum integration and institutional partnerships to allow students to work in a variety of settings in Brazilian National Health Care System (SUS) network.
- All Medical Schools in Brazil have recently made or are making curricular reforms according to National Curricular Guidelines.

Medical Education in Brazil: The Role of the Ministry of Health

- Brazil's Ministry of Health top priority is to develop Primary Health Care, through of the Family Health Strategy, that was designed to reorganize primary care and reorient the health system.
- 27,000 Family Health Teams have been set in the last 15 years and each team takes care of 3,000 to 4,000 people (about 1,000 families). The purpose of the Ministry of Health is to reach 40,000 Family Health Teams.

Medical Education in Brazil: The Role of the Ministry of Health

- Each Team is composed by a doctor, a nurse, four health technicians and one health agent for every 200 families.
- The medical students in almost every Medical School have activities in Family Health Teams since the first year of Medical School



Medical Education in Brazil: The Role of the Brazilian Association of Medical Education (ABEM)

- The main objective of ABEM is to support Medical Schools to improve their curricula according to the National Curricular Guidelines.
- We want that Medical Schools form physicians competent, ethical, humane and prepared to meet the needs of the Brazilian society.

Medical Education in Brazil: The Role of the Brazilian Association of Medical Education (ABEM)

- We promote several regional and one national meeting on Medical Education every year.
- There were 2,200 people in 2007 National Congress of ABEM (half were medical students).
- There is an intense contribution of medical students to ABEM (they are the main driving force for curricular reform in many Medical Schools).

Faculty of Medicine of the University of São Paulo

- University of São Paulo is the major university of Brazil concerning scientific production



Faculty of Medicine - University of São Paulo – Curriculum Reform

- Patient-centered and community-oriented
- Early clinical contact
- Three years of integrated course
- Three years of internship
- Active methods of learning