Challenges and Opportunities for Medical Education

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TRENDS

- Physician Pipeline
- Populations
- Research
- High Tech High Touch
- Health Care Reform
The physician pipeline

Updated from Eckhert NL Medical Education 2002;36:1-8.
Impact and Possible AHC Actions

• Insufficient Numbers
  – Recruit
  – Develop
  – Retain

• Possible AHC Actions
  – Sharing Faculty
  – Sharing Faculty Development
  – On line learning
  – Upgrading the current workforce
  – Peer to Peer teaching
Migration and urbanization
Impact and Possible AHC Actions

• Burden of Disease
  – Infectious
  – Chronic Diseases
  – Trauma
  – Mental Health

• Adequacy of Health Care Delivery

• Possible AHC Actions
  – Health facilities
    Configuration of services
  – Cost and payment
  – Curriculum for students
  – Post graduate medical education
Health System Reform

- Universal health care
- Flagship Framework-3 outcomes
  - Improving health status
  - Financial protection
  - Citizen satisfaction
- The Value Proposition

- Mena Region
  - Wide disparities
  - Less public spending on health care
  - More out of pocket
  - Multiple reform plans
Health System Reform

**IMPACT**
- Pressure to change
- Data driven with targeted outcomes and metrics
  - Access: cover more lives
  - Provide quality services
  - Reduce Cost
- Competitive Market

**ACTION for AHCs**
- Curriculum Change
- Training physicians for leadership in health reform
  - Health Systems
  - Data collection and analysis
  - Change management
  - Collaboration
High Tech  High Touch

The Doctor by Luke Fildes 1843-1927
• Impact
  
  • Very rapid change of information
  • AI understanding
  • Data Management
  • Citizen monitored health
  • Informed patient

• Curriculum Changes
  
  • Best resources
  • Data entry, management and analysis
  • Interpretation for patients
  • Team collaboration
Research and Scholarly Activity in Mena

UNESCO Science Report
Scientific Publications Arab States 2005-2014

Good News

Unesco Science Report 2017
Good News
AHC Action Steps  INVESTING in Research

• Increase research capacity- training of more and better qualified researchers, facilities,

• Research agenda coupled with needs of the nation

• Encourage more investment in research by governments, private enterprise health

• Collaboration with foreign universities, foundations and business

• Recognition and rewards for research
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