



Guideline Development in Turkey Where we are?

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Clinical Practice Guidelines

Clinical Practice Guidelines (CPGs) are systematically developed statements to assist practitioner and patient decisions about appropriate health care for specific clinical circumstances.

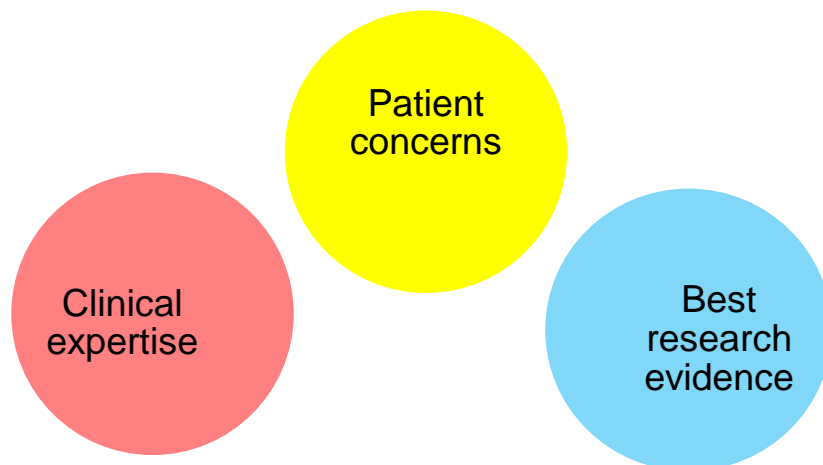
Lohr KN, Field MJ. A provisional instrument for assessing clinical practice guidelines. In: Field MJ, Lohr KN (eds). Guidelines for clinical practice. From development to use. Washington D.C. National Academy Press, 1992.

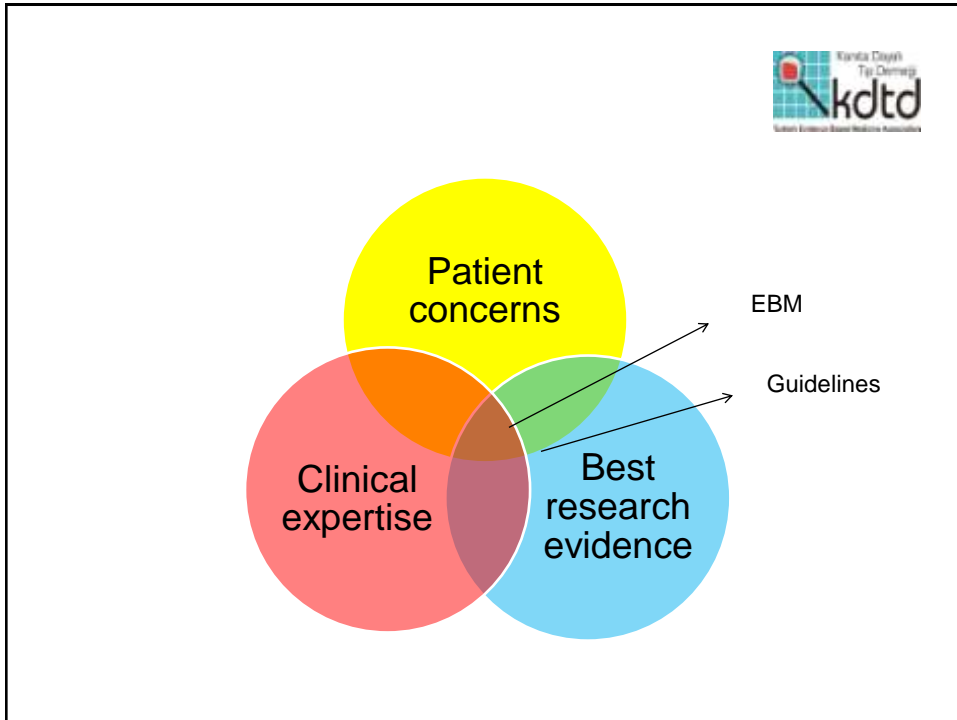


Evidence Based Medicine (EBM)

Evidence-based medicine is the integration of best *research evidence* with *clinical expertise* and *patient values*”

Dave Sackett





The Institutions which develop guidelines in Turkey

- Ministry of Health
- Non-governmental organizations

Ministry of Health



- Clinical Practice Guidelines for Primary Care (2003)
- Clinical Practice Guidelines for Poisoning in Primary Care (2007)
- “Health for Aging Population 2010”
Clinical Practice Guidelines for Primary Care Physicians
- Updated version of Clinical Practice Guidelines for Primary Care (2011?)

NGOs



1. Turkish Thoracic Society

- Original guidelines (14)
Pneumoniae (2009), Asthma (2009), COPD (2010), Lung Cancer (2006), Pulmonary Tromboembolism(2009)...
- Translations (1)
WHO Report on the Global Tobacco Epidemic, 2008 - The MPOWER package

2. Turkish Society of Cardiology

- National guidelines (21)
Treatment of Acute Myocardial Infarctus(1998), Treatment and Monitoring of Hypertension(2000), Prophylaxis and Treatment of Venous Tromboembolism(2010)-collaboration with the other associations....
- Translations (28)
European Society of Cardiology (ESC) Guidelines (2003-2010)

NGOs



3. The Society of Endocrinology and Metabolism of Turkey

- National Guidelines (7)
Pituitary Gland Diseases, Metabolic Syndrome, CPGs for Diabetes Mellitus and Complications...

4. Turkish Society of Gastroenterology

- Adapted Guidelines (1)
Clinical Application of Percutaneous endoscopic gastrostomy(PEG) (The European Society for Clinical Nutrition and Metabolism)

5. Turkish Society of Colon and Rectum Surgery

- Original Guidelines(1)
Medical and Conservative Therapy of Hemorrhoidal Disease

NGOs



6. The Society for Research and Education in Rheumatology

- National Guidelines(3)
Rheumatoid Arthritis, ankylosing spondylitis, II. Consensus Report of The Society for Research and Education in Rheumatology



Guideline Development Process

There is not enough information about guideline development process

Guideline Development Process Ministry of Health



Updated version of Clinical Practice Guidelines for Primary Care

- First version was published in 2003
- Updated in 2007? But not published on web or as a document
- Workshops for updating (2009)
 - **Participants:** Specialists from university departments and training and research Hospitals, local health authorities, NGOs, General Practitioners.
 - **Topics:** For all topics in the book (67)
- Receiving feed back (2010)
 - from specialists and GPs
- Evaluate feed back and finalize the guidelines (2010-2011)
- Planning to be published at the end of 2011



What about quality?



There is no enough study about quality assessment of guidelines

Quality of Guidelines in Turkey

- Quality Assessment of Primary Care Guidelines in Turkey (2008)
- AGREE Instrument (translated into Turkish)
- 14 topics were chosen (Turkey Burden of Diseases Study 2004)



Guideline topics



- Acute Myocardial Infarction
- Angina Pectoris
- Iron Deficiency Anemia
- Depression
- Diabetes Mellitus
- Routine Obstetric Care
- Hyperlipidemia
- Hypertension
- Congestive Heart Failure
- Chronic Obstructive Pulmonary Disease
- Osteoarthritis
- Pneumonia (children)
- Community Acquired Pneumonia (adults)
- Management of Patients with Traumatic Injury

Results of the study



Mean scores;

- scope and purpose: 87.9%
- stakeholder involvement: 62.2%
- rigour of development: 51.2%
- clarity and presentation: 66.4%
- applicability: 57.2%
- editorial independency: 54.5%

Details(I)



Clinical Practice Guidelines	Scope and Purpose (%)	Stakeholder Involvement (%)	Rigour of Development	Clarity and Presentation (%)	Applicability (%)	Editorial Independence (%)
Acute Myocardial Infarction	80	60	41	66	58	54
Angina Pectoris	80	62	48	62	58	58
Iron Deficiency Anemia	88	64	58	70	66	54
Depression	83	62	50	60	55	54
Diabetes Mellitus	88	62	55	72	61	54
Routine Obstetric Care	83	62	38	52	38	54
Hyperlipidemia	94	62	53	72	63	54
Hypertension	94	62	51	75	69	54

Details(II)



Clinical Practice Guidelines	Scope and Purpose (%)	Stakeholder Involvement (%)	Rigour of Development	Clarity and Presentation (%)	Applicability (%)	Editorial Independence (%)
Congestive Heart Failure	77	62	57	70	63	58
COPD	91	64	55	77	52	54
Osteoarthritis	94	62	55	62	50	54
Pneumonia(ch ildren)	94	62	54	68	55	54
Community Acquired Pneumonia	94	64	52	66	61	54
Hyperlipidemia	94	62	53	72	63	54
Management of Patients with Traumatic Injury	91	62	51	58	52	54

Details(III)



- Six of the fourteen guidelines had the lowest score from the domain of rigour of development
- two guidelines, from applicability
- two guidelines from editorial independence;
- one guideline from both applicability and editorial independence
- one guideline, from both rigour of development and applicability
- one guideline from both rigour of development and editorial independence

Conclusion



- The quantity and quality of guidelines are inadequate in Turkey
- lack of experience and expertise in guideline development
- need for improved methodology and quality in guidelines

Recommendations



- An independent organization for guideline development
- Human resources planning about guideline development
- Collaboration with national and international partners
- Provide continuity of efforts and personnel

What KDTD has done?



- in 2007...established
- 23-25th March, 2008....organized EBM symposium
- 23-25th May, 2008.....EBM and Methodology of HTA; Fundamental Principles Course
- 27-28th November, 2008..... Evaluation of Evidence in HTA Reports (How to Read Cost effectiveness analysis) and "Cost of Illness" course
- 4-6 March 2009... International meeting for HTA-Emerging Countries
- 7th March 2009...1st National HTA Forum
- 4-5th March 2010... 2nd National HTA Forum
- Published 4 book chapters about EBM and HTA, 9 articles on evidence based health care, clinical practice guidelines and HTA
- Translated AGREE Instrument to Turkish
- Translated EUnetHTA Adaptation toolkit to Turkish
- Working on guidelines for primary care
- Preparations about translation of some reports and books from English to Turkish



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***Thank you for your
attention...***