



1,027,015,246

Over one billion potential consumers

**Making the resources of the
Cochrane Collaboration
“of, by and for the people”
a developing country perspective**

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India



- 394,000 doctors
- 311,235 nurses
- 10,751 dentists
- 18,218 hospitals
- 229 medical colleges

Several thousand potential contributors

Health care scenario In India

Disease epidemiology

- Developing country problems
- Developed country problems
- Afflicted by natural disasters affecting large numbers

Health care

- Multiple systems: modern system
 alternate system
 unqualified practitioners
- Multiple sectors: Government sector
 Private sector
- Limited free services/ insurance cover
- Initial contact of patient often not with facility/
personnel offering optimum standard of care

Study Objective

- To estimate the awareness and utilization of the Cochrane Collaboration resources among health care personnel and consumers in India

Method

- Prospective, questionnaire- based survey
- Inclusion: Doctors 100
 - Tertiary care (27)
 - Private practice (58)
 - Government (15)
- Nurses 44
- Medical Research scientists 31
- Consumers 23

Semi-structured questionnaire starting with:

- Are you familiar with the terms:
 - Evidence based medicine
 - Cochrane Collaboration/ Library
 - Systematic review
- If yes, are you:
 - Just aware
 - Somewhat familiar
 - Practicing/ Utilizing

Followed by:

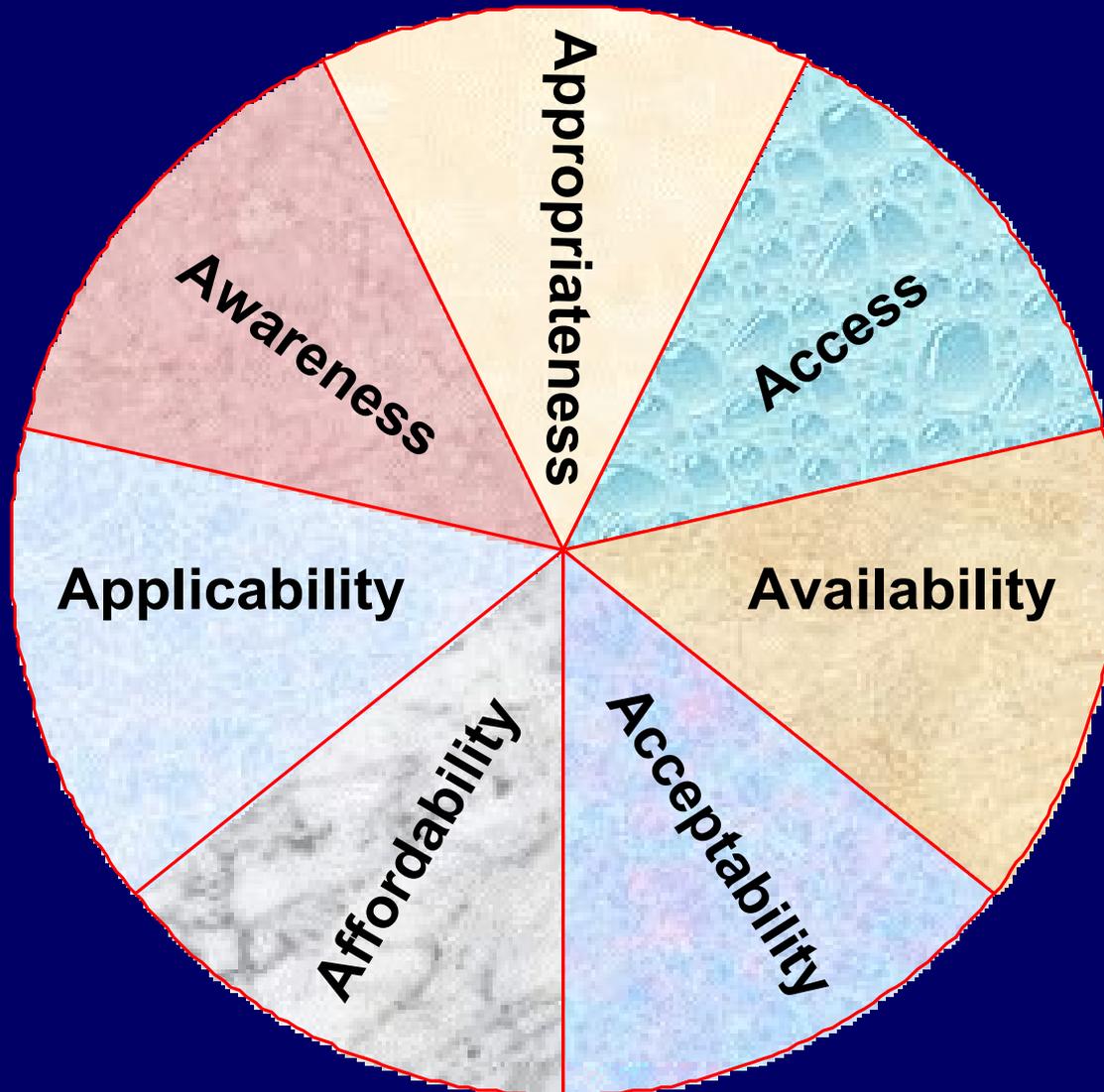
- Brief introduction to concept and practice
- Demonstration of resources
- Awareness workshop(s)

Results

	Doc (n=100)	Res (n=31)	Nur (n=44)	Cons (n=23)
Evidence based medicine	49 (49%)	14 (45%)	0 (0%)	0 (0%)
Cochrane Collaboration/ Library	34 (34%)	6 (19%)	0 (0%)	0 (0%)
Systematic review	15 (15%)	11 (35%)	0 (0%)	0 (0%)

	Doctors		
	Tertiary care centre (n=27)	Private practice (n=58)	Govt. sector (n=15)
Evidence based medicine	27 (100%)	16 (28%)	6 (40%)
Cochrane Collaboration/ Library	25 (93%)	6 (22%)	3 (20%)
Systematic review	11 (41%)	2 (3%)	2 (13%)

Barriers to utilization of Cochrane Collaboration resources



Barriers to utilization of Cochrane Collaboration resources

Access

- Not accessible at required site
- Lack of country-wide access
- Lack of free trial period



Barriers to utilization of Cochrane Collaboration resources

Affordability

- INR 16,000.00

Acceptability

- Resistance to change



Barriers to utilization of Cochrane Collaboration resources

Applicability

- Most reviews by, for and of developed countries
- Difficult to extrapolate



Availability

- Limited availability of local data

Barriers to utilization of Cochrane Collaboration resources

Appropriateness

- Conclusions often inconclusive
- Need for further research
- Questions highly focused
- Answers, “what is better than...?”

Making Cochrane Collaboration resources in developing countries...

Of the people

- Developing country concerns
- Data from local studies:
 - Postgraduate theses
 - Trials with negative results
- Sensitivity analysis of data from developing countries in systematic reviews

Making Cochrane Collaboration resources in developing countries...

By the people

- Increase awareness among contributors
- Increase awareness among consumers
- Increase awareness among 'funders'
- Training and mentorship of contributors
- Introduce 'contribution' as a full-time activity

Making Cochrane Collaboration resources in developing countries...

For the people

- Identify most appropriate rather than most effective intervention
- Hierarchy of interventions
- Identify which intervention(s) not to perform
- Increase access among consumers

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of developing countries**



make a good thing better