

**Harvard Medical School Department of
Continuing Education and the Cardiovascular
Division of the Department of Medicine,
Brigham and Women's Hospital**



Cardiology Rounds
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Cardiovascular Disease in the Developing World and its Cost-Effective Management

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Objectives:

In this issue of *Cardiology Rounds*, Dr. Gaziano reviews the epidemiological transition making cardiovascular disease (CVD) the number one cause of death worldwide. He reviews the cost-effectiveness analyses of multiple CVD interventions in developing countries. After reading the issue, readers will be able to:

- Discuss the various social and economic changes in developing countries leading to an increase in CVD
- Understand the regional differences in CVD throughout the world
- Review the mechanisms that can determine what is cost-effective in various countries
- Describe what CVD interventions are cost-effective in various regions of the world.

Test:

1. Rheumatic heart disease is major contributor to CVD mortality early in the epidemiological transition.
True False
2. The predominant cause of CVD mortality in developed countries is ischemic heart disease.
True False
3. CVD is the leading cause of death in all regions of the world except sub-Saharan Africa.
True False
4. Developing countries devote about the same proportion of their gross national income on health care as developed countries.
True False

5. The World Health Organization's Commission on Macroeconomics and Health recommends that a country should consider approximately 10 times its gross national income per capita as a reasonable threshold for the cost-effectiveness of an intervention.

True False

6. Treatment of acute myocardial infarction with generic aspirin, beta-blockers, and streptokinase appears cost-effective in most regions of the world.

True False

7. Treatment of CHF with metoprolol and enalapril is cost-effective even in settings where hospitals do not exist in developing countries.

True False

To receive AMA category 1 credit, you must correctly answer 60% of the test questions.

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This program was issued in February 2005. All tests must be returned by August 31, 2005.

Please send the completed test and a check for \$25 US. (Check made payable to: Harvard Medical School) to: Harvard Medical School/Department of Continuing Education, Box 825, Boston, MA 02117-825.

Please keep a copy of your test before submission. A certificate will be sent upon successful completion of the test, along with the answer key.

Name _____

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