

**MEETING MINUTES
OF THE
CENTERS FOR MEDICARE AND MEDICAID SERVICES
MEDICARE COVERAGE ADVISORY COMMITTEE**

May 18, 2006

**Centers for Medicare and Medicaid Services
7500 Security Boulevard
Baltimore, Maryland**

Medicare Coverage Advisory Committee

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Attendees

Alan M. Garber, M.D., Ph.D.
Chairperson

Alexander H. Krist, M.D.
Vice-Chairperson

Michelle Atkinson
Executive Secretary

Voting Members

- Timothy M. Bateman, M.D.**
- Douglas D. Bradham, Dr.P.H.j**
- David J. Cohen, M.D., M.Sc.**
- Carole Redding Flamm, M.D., M.P.H.**
- Clifford Goodman, M.D.**
- Rita F. Redberg, M.D., M.Sc.**
- Deborah Shatin, Ph.D.**
- Richard L. Wahl, M.D.**

CMS Liaison

Steve Pharoough, M.D., M.P.A.

Consumer Representative

Charles J. Queenan, III

Guest Panel Experts

- Elliott Fishman, M.D.**
- David Lu, M.D.**
- Robert W. Peters, M.D.**

Thursday, May 18, 2006, 8:11 a.m.

The Medicare Coverage Advisory Committee met on May 18, 2006, to discuss the evidence, hear presentations and public comment, and make recommendations regarding the use of noninvasive imaging technologies versus cardiac catheterization in the diagnosis of coronary artery disease.

The meeting began with a reading of conflict of interest issues and an introduction of the Committee.

CMS Summary and Presentation of Voting Questions. A CMS representative presented the panel with the history of Medicare coverage for coronary artery imaging, and listed the questions to be considered by the panel.

CMS Clinical Background. The lead medical officer for this MCAC presented information about the U.S. population burden of ischemic heart disease, indications and limitations of coronary angiography, frequency of coronary angiography, and potential life-threatening complications and other contraindications of coronary angiography.

Presentation of the Technology Assessment. Dr. Daniel Mark, Dr. Manesh Patel, and Dr. Lynne Hurwitz presented a summary of the technology assessment performed by the Evidence-Based Practice Center at Duke University. Following the presentation, members of the panel asked clarifying questions of the presenters.

Other Presentations. The panel heard presentations from three speakers, including a clinician with extensive experience in CT angiography, a representative from the Society for Cardiovascular Angiography and Interventions, and a representative from the American College of Cardiology. After each presentation, the panel was given an opportunity to ask factual questions of the presenters.

Scheduled Public Comments. Five speakers, including representatives of the Society of Cardiovascular CT, the American Society of Nuclear Cardiology, the CEO of a large cardiology practice, and two other practicing cardiologists, addressed the panel.

Questions to Presenters. There was an extensive question period during which the panel posed questions to and heard responses from the presenters and other speakers.

Discussion and Voting. Prior to voting, Dr. Phurrough informed the panel they would not need to vote on sub-question d in Questions 1 through 4. The panel amended Questions 5a and 5b to read "incremental net benefit" instead of "incremental benefit or harm." The panel voted on Questions 1 through 6, with the results being recorded on cards and recorded by staff. During the voting procedure, a discussion was held among the panelists concerning each question voted upon.

Adjournment. The meeting adjourned at 2:20 p.m.

I certify that I attended the meeting of the Medicare Coverage Advisory Committee on May 18, 2006, and that these minutes accurately reflect what transpired.



Michelle Atkinson
Executive Secretary, MCAC, CMS

I approve the minutes of this meeting as recorded in this summary.



Alan M. Garber, M.D., Ph.D.
Chairperson