I. Call to Order

Chairperson Brooks called the meeting to order at 1:01 p.m.

A. Members Present:

Rod J. Zapolski, Mid Michigan Health
Anthony L. Alcantara, MD, St. John Providence Health System
Bradford W. Betz, MD, Spectrum Health (arrived at 1:32 pm)
Robert M. Goodman, DO, Blue Cross Blue Shield/Blue Care Network
Michael Altman, MD, Marquette General Health System
Suresh Mukherji, MD, Vice-Chairperson, University of Michigan Health System
Sharon L. Brooks, DDS, MS, Chairperson, Michigan Dental Association
Lawrence Ashker, DO, Genesys Regional Medical Center
Stephen Meier, Xoran Technologies Inc.
David J. Kastan, MD, FSIR, Henry Ford Health System
Daniel Shumaker, MD, FA, Michigan Radiological Society
Abdalmajid Katranji, MD, Michigan State Medical Society (arrived at 1:28 pm)

B. Members Absent:

Renee K. Myers, Chrysler Group LLC
James R. Pedersen, International Union UAW

C. Michigan Department of Community Health Staff Present:

Jessica Austin
Irma Lopez
Brenda Rogers
Tania Rodriguez
Stan Nash
Matt Weaver
Bruce Matkovich
Larry Horvath
II. Declaration of Conflicts of Interests

Vice-Chairperson Mukherji stated he had been consulting with Phillips Medical Systems for the past couple of years and was a one time consultant for GE regarding their Gem Stone Technology, attending one advisory board meeting.

Mr. Meier stated that he is the general manager at Xoran Technologies which manufactures CT’s.

III. Review of Agenda

Motion by Dr. Altman, seconded by Vice-Chairperson Mukherji, to accept the agenda as presented.

Motion Carried.

IV. Review of Minutes July 22, 2010

Correction on Item III – Conflicts of Interest

Vice-Chairperson Mukherji stated he had been consulting with Phillips Medical Systems for the past couple of years and was a one time consultant for GE regarding their Gem Stone Technology, attending one advisory board meeting.

Mr. Meier stated that he is the general manager at Xoran Technologies which manufactures CT’s.

Motion by Dr. Kastan, seconded by Dr. Alcantara, to accept the agenda as modified.

Motion Carried.

V. Radiation Dose – Dr. Slovis Presentation

Dr. Slovis gave a written and oral presentation. (Attachment A)

Discussion followed.

VI. Portable Point of Care CT Scanners - Discussion

Chairperson Brooks gave an overview of the CT Report to Commission.

Public Comment:
Robert Meeker, Spectrum Health

Members discussed continuing and expanding the CT Pilot Project.

Public Comment:
Melissa Cupp, Weiner & Associates

Motion by Dr. Katranji, seconded by Dr. Shumaker, to extend the CT Pilot Project timeframe, and to allow other institutions to participate. Yes – 13, No – 0, AB – 0 Motion Carried.

Chairperson Brooks suggested that the discussion will continue regarding dates, and share reporting requirements at the next meeting.

Break at 2:43 p.m. – 2:55 p.m.

VII. Mini CT Scanners – Discussion
Members discussed access, safety, quality, cost, and accreditation.

Chairperson Brooks recommended that the utilization data from physicians will need to be defined for the CT Pilot Project before making any decisions.

VIII. Public Comments

Dennis McCafferty, Economic Alliance for Michigan

IX. Next Steps and SAC Workplan

The SAC will continue discussion on the CT Pilot Project, Reporting Requirements, and Mini CT Scanners. Presentations on the use of the dental CT scanners will be provided by Detroit School of Dentistry and the President of the Michigan Board of Dentistry.

Discussion followed.

X. Future Meeting Dates

September 29, 2010
October 27, 2010
November 17, 2010
December 9, 2010
January 13, 2011

XI. Adjournment

Motion by Vice-Chairperson Mukherji, seconded by Dr. Shumaker, to adjourn the meeting at 4:07 p.m. Motion Carried.
Figure 1. Alliance for Radiation Safety

Founding Organizations:
The Society for Pediatric Radiology
American Association of Physicists in Medicine
American College of Radiology
American Society of Radiologic Technologists

Affiliate Organizations:
Academy of Radiology Research
American Academy of Pediatrics
American Osteopathic College of Radiology
American Registry of Radiologic Technologists
American Roentgen Ray Association
American Society of Emergency Radiology
American Society of Pediatric Neuroradiology
Asian-Oceanic Society for Pediatric Radiology
Association of University Radiologists
Canadian Association of Radiologists
Conference of Radiation Control Program Directors
National Council for Radiation Protection and Measurements
Radiological Society of North America
Sociedad Latina Americana de Radiología Pediatría
The Society for Pediatric Interventional Radiology
Society of Computed Body Tomography and Magnetic Resonance
Society of Gastrointestinal Radiologists
The Society of Nuclear Medicine
Society of Radiologists in Ultrasound
Society of Uroradiology
Figure 3
Reprinted with permission of the National Council on Radiation Protection and Measurements, http://NCRPonline.org
Figure 4

Pierce et al. Rad Res 154 pg 183: 2000

Figure 5

Figure 5. Estimated attributable lifetime risk from a single small dose of radiation as a function of age at exposure [74]. Note the dramatic decrease in radiosensitivity with age. The higher risk for the younger age groups is not expressed until late in life.
Figure 6

Pierce, Preston, Rad Res 151 pg 178-186: 2000
Brenner Pediatric Radiology Apr 2002 pg 230
Figure 7

Little JB: Ionizing Radiation in Cancer in Medicine 2003
References

2. Willis CE. Conference on the ALARA (as low as reasonably achievable) concept in pediatric CT intelligent dose reduction. Pediat Radiol. 2004;34 Suppl 3.