
SUMMARY REPORT

ICD-9-CM COORDINATION AND MAINTENANCE COMMITTEE

March 9-10, 2011

PROCEDURE DISCUSSIONS

Introductions and Overview

Pat Brooks welcomed the participants to the ICD-9-CM Coordination and Maintenance (C&M) Committee meeting. The purpose of this meeting is to discuss updates to the ICD-9-CM and ICD-10 coding systems. Approximately 250 participants registered to attend the meeting. CMS was able to provide phone lines on a first come, first serve basis for callers to listen to the presentations. It was announced that there would not be any written or audio transcripts of the meeting. Fortunately, we were able to provide an audio file of the entire meeting that will be posted on CMS' ICD-9-CM website under the ICD-9-CM Coordination and Maintenance Committee meeting page.

The agenda and handouts were posted on CMS' and CDC's websites in advance of the meeting to allow listeners to follow the discussions. Callers were in listen only mode and not be able to make comments or ask questions during the meeting. Everyone was encouraged to send their written comments after the meeting.

CMS and CDC have "gone green" for this meeting beginning with the March 2010 C&M meeting. We no longer prepare paper handouts of the proposal package. Those who wish to have a copy of the handouts will need to print their own copies prior to the meetings.

The morning meeting began with ICD-9-CM procedure code topics. Following the ICD-9-CM procedure code topics we discussed ICD-10 updates. The procedure section of the meeting was conducted by staff from the Centers for Medicare & Medicaid Services (CMS). The ICD-9-CM diagnosis portion of the meeting that began on Thursday, March 10, was conducted by staff from the Centers for Disease Control and Prevention (CDC).

ICD-9-CM procedure code issues discussed at the March 9, 2011 C&M meeting are being considered for implementation on October 1, 2011. The participants were encouraged to refer to

the timeline for future meeting information and the deadline for receipt of public comments. Important dates include the following:

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| April 1, 2011 | There will not be any new ICD-9-CM codes implemented on April 1, 2011 to capture new technology. |
| April 1, 2011 | Deadline for receipt of public comments on proposed code revisions discussed at the March 9-10, 2011 ICD-9-CM Coordination and Maintenance Committee meetings for implementation on October 1, 2011. |
| June 2011 | Final addendum posted on web pages as follows:
Diagnosis addendum at –
http://www.cdc.gov/nchs/icd/icd9cm_addenda_guidelines.htm
Procedure addendum at –
http://www.cms.gov/ICD9ProviderDiagnosticCodes/04_addendum.asp |
| July 15, 2011 | Those members of the public requesting that topics be discussed at the September 14 – 15, 2011 ICD-9-CM Coordination and Maintenance Committee meeting must have their requests to CMS for procedures and NCHS for diagnoses. |

The C&M Committee meetings serve as a public forum to discuss proposed revisions to the ICD-9-CM and ICD-10. The public is given a chance to offer comments and ask questions about the proposed revisions. **No final decisions on code revisions take place at the meeting.**

The public is offered an opportunity to make additional written comments by mail or e-mail through April 1, 2011. Email comments are preferred since this avoids delays in mailroom screenings and deliveries.

Comments on the **procedure** part of the meeting should be sent to:
Pat Brooks
Patricia.brooks2@cms.hhs.gov

Comments on the **diagnosis** part of the meeting should be sent to:
Donna Pickett
Dfp4@cdc.gov



CMS ICD-9-CM home page

CMS has information on several ICD-9-CM related issues at the following web address:
<http://www.cms.hhs.gov/ICD9ProviderDiagnosticCodes> .

Registration for the ICD-9-CM Coordination and Maintenance Committee Meetings

CMS utilizes an online registration for the ICD-9-CM Coordination and Maintenance Committee Meetings. A link to the registration site is provided on the ICD-9-CM Coordination and Maintenance Committee meeting homepage, under the Related Links Inside CMS section, at the following web address: http://www.cms.gov/ICD9ProviderDiagnosticCodes/03_meetings.asp

Process for requesting code revisions

The process for requesting a coding change was explained, and detailed information is also provided on the homepage of the ICD-9-CM CMS website. The request for a procedure code change should be sent to Pat Brooks at least two months prior to the C&M meeting. The request should include detailed background information describing the procedure, patients on whom the procedure is performed, any complications, and other relevant information. If this procedure is a significantly different means of performing a procedure than is already identified in ICD-9-CM, this difference should be clearly described. The manner in which the procedure is currently coded should be described along with information from the requestor on why they believe the current code is not appropriate. Possible new or revised code titles should then be recommended.

CMS staff will use this information in preparing a background paper to be presented at the C&M meeting. The CMS background paper includes a CMS recommendation on any proposed coding revisions. The background paper is posted on the ICD-9-CM webpage for discussion at the C&M meeting and remains posted on the website for viewing after the meeting.

A presentation is made at the C&M meeting, which describes the clinical issues and the procedure. CMS staff will coordinate a discussion of possible code revisions. The participants at the meeting are encouraged to ask questions concerning the clinical and coding issues at the meeting as well as submit comments in writing after the meeting. Comments concerning proposed code revisions are taken for consideration. Final decisions on code revisions are made through a clearance process within the Department of Health and Human Services. No final decisions are made at the meeting.

April 1 code updates

It was announced that there will be no new procedure codes implemented on April 1, 2011.

Final decisions on new ICD-9-CM codes

As indicated in the timeline, the public is informed of approved ICD-9-CM code title updates through the inpatient prospective payment system (IPPS) proposed rule. This proposed rule is anticipated to be published in April 2011. Any codes approved after the March 9-10, 2011 ICD-



9-CM Coordination and Maintenance Committee meeting will be included in the IPPS final rule published by August 1, 2011. A complete copy of the addendum will be published on CMS and CDC's websites listed above by early June 2011.

ICD-9-CM TOPICS:

1. Cardiac Valve Replacement: Transcatheter Aortic, Transapical Aortic, and Pulmonary
Craig Smith, MD, and Doff McElhinney, MD, facilitated a clinical presentation on recently developed transcatheter techniques that allow certain heart valves to be replaced without conventional open heart surgery. Ann Fagan led the coding proposal discussion. An issue paper on this topic begins on page 9 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

2. PTCA/Atherectomy: Proposed revision of code 00.66
Jeffrey Chambers, MD, presented a clinical discussion on the differences between an angioplasty and an atherectomy and why each procedure should be differentiated within the current classification. Ann Fagan led the coding proposal discussion. An issue paper on this topic begins on page 13 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

3. Temporary Therapeutic Endovascular Occlusion of Vessel
J. Neal Rutledge, MD, conducted a clinical presentation regarding the CoAxia NeuroFlo™ Catheter device that is indicated for the treatment of cerebral ischemia. The procedure described involved one in which the abdominal aorta is partially occluded via an endovascular balloon catheter. Ann Fagan led the coding proposal discussion. An issue paper on this topic begins on page 16 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

4. Implanted Vascular Coils
Michael J. Alexander, MD, presented a clinical discussion on cerebral (or intracranial) aneurysms and noted that because the size and type of an aneurysm may vary, the number of coils placed may vary also. Ann Fagan led the coding proposal discussion. An issue paper on this topic begins on page 18 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

5. Implantation of an Anti-Microbial Envelope
Daniel Lerner, MD, facilitated a clinical presentation on the AIGISRx™ Antibacterial Envelope and its intended use with cardiovascular implantable electronic devices (CIED),

such as pacemakers and defibrillators, to assist in combating complications, including infections. Pat Brooks led the coding proposal discussion. An issue paper on this topic begins on page 20 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

6. Implantable Ischemic Detection System

Kevin Bentley presented a clinical discussion on the AngelMed-Guardian®, an implantable ischemic detection system, which is designed to provide early detection and patient monitoring for ischemic events in ambulatory patients. Ann Fagan led the coding proposal discussion. An issue paper on this topic begins on page 22 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

7. Insertion of Aqueous Drainage Shunt

Mady Hue conducted a discussion on the Ex-PRESS™ Mini Glaucoma Shunt, a device designed to relieve intraocular pressure in patients with glaucoma who have failed medical and surgical therapy. Ms. Hue also led the coding proposal discussion. An issue paper on this topic begins on page 24 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

8. Four-Port Rechargeable Spinal Cord Neurostimulator

Marshall Bedder, MD, facilitated a clinical discussion on an upcoming spinal cord stimulator (SCS) technology that includes a rechargeable implantable pulse generator with four ports. The SCS technology is used as a late or last resort therapy to treat patients with intractable chronic pain who have failed conservative treatment. Mady Hue led the coding proposal discussion. An issue paper on this topic begins on page 26 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

9. Cardiac Lead Extraction

Laurence Epstein, MD, conducted a clinical discussion on the complexities associated with lead extraction when infection, chronic pain, thrombosis, or non-functioning leads are present. A comparison of simple and complex lead extractions versus lead abandonment was also presented. Pat Brooks led the coding proposal discussion. An issue paper on this topic begins on page 29 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

10. Oxidized Zirconium Ceramic Hip Bearing Surface

Robert Bourne, MD, presented a clinical discussion on the use of oxidized zirconium as a type of ceramic hip bearing surface. Pat Brooks led the coding proposal discussion. An issue paper on this topic begins on page 33 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

11. Sling Operation for Stress Incontinence

Celeste Beauregard facilitated a discussion on the insertion of sling/tape for correction of urinary stress incontinence for males and females. Ms. Beauregard also led the coding proposal discussion. An issue paper on this topic begins on page 35 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

12. Sleeve Gastrectomy

Dan Duvall, MD, conducted a clinical discussion on laparoscopic and open approaches to vertical (sleeve) gastrectomy procedures. Celeste Beauregard led the coding proposal discussion. An issue paper on this topic begins on page 37 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

13. Electromagnetic Navigation Bronchoscopy

Alexander Chen, MD, presented a clinical discussion on a new procedure in which a solitary pulmonary nodule (SPN) also referred to as a peripheral lung lesion, is visualized and accessed through the patient's airway using an electromagnetic tip tracked series of instruments while the patient continues to breathe normally. Celeste Beauregard led the coding proposal discussion. An issue paper on this topic begins on page 39 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

14. Ultrasound-enhanced Thrombolysis

Dilip Worah facilitated a clinical discussion about a stroke treatment device specifically designed to delivery therapeutic ultrasound energy to known regions of stroke occurrence.

Celeste Beauregard led the coding proposal discussion. An issue paper on this topic begins on page 41 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

15. External Ventricular Drainage

Dan Duvall, MD, conducted a clinical discussion on the differences in terminology that have occurred over time with regard to ventriculostomy, ventricular drainage and ventricular shunt procedures and how they are classified in ICD-9-CM. Mady Hue led the coding proposal discussion. An issue paper on this topic begins on page 44 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

16. Embolization of Uterine Artery

Mady Hue facilitated a discussion on the coding challenges that have been associated with uterine artery embolization procedures. Ms. Hue also led the coding proposal discussion. An issue paper on this topic begins on page 47 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

17. Occlusion of Left Atrial Appendage

Adam Saltman, MD, presented a clinical discussion about the LAAx, Inc. TigerPaw® System Technology that consists of a series of evenly spaced individual connectors embedded in a silicone housing which has a “U” shaped connector at one end of the delivery jaws and is used for the treatment of atrial fibrillation. Ann Fagan led the coding proposal discussion. An issue paper on this topic begins on page 49 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

18. Left Atrial Appendage Exclusion Femoral/Epicardial

Randall Lee, MD, facilitated a clinical discussion on a stand-alone procedure for percutaneous left atrial appendage (LAA) exclusion using epicardial and femoral access. Ann Fagan led the coding proposal discussion. An issue paper on this topic begins on page 51 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

19. Ultrasonic Wound Debridement

Vickie Driver, MD, conducted a clinical discussion about the Misonix SonicOne™ Ultrasonic Wound Debridement System which utilizes an ultrasonic metallic probe and water irrigation system to debride wounds. Pat Brooks led the coding proposal discussion. An issue paper on this topic begins on page 53 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

20. Hydrosurgery/VersaJet

Paul Kim, MD, presented a clinical discussion on the VersaJet™ Hydrosurgery System, a high-pressure, high velocity water jet that assists in the removal of devitalized tissue in the treatment of certain wounds. Pat Brooks led the coding proposal discussion. An issue paper on this topic begins on page 55 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

21. Non-excisional debridement

Mady Hue facilitated a discussion regarding a proposal to create new codes for nonexcisional debridement of deeper tissue layers (soft tissue, fascia, muscle and bone). An issue paper on this topic begins on page 57 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

22. Cerebral and Tissue Oximetry

Harvey Edmonds, Jr, Ph.D., conducted a clinical discussion regarding the Somanetics INVOS® Cerebral/Somatic Oximeter that is utilized for monitoring of oxygen saturation using near-infrared spectroscopy. Celeste Beauregard led the coding proposal discussion. An issue paper on this topic begins on page 58 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

23. Ultrasound Accelerated Thrombolysis

Douglas Hansmann, Ph.D., presented a clinical discussion about a new catheter based system that combines a drug delivery catheter with an ultrasound core wire to augment drug-induced thrombolysis. Celeste Beauregard led the coding proposal discussion. An issue paper on this topic begins on page 58 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

24. Addenda

Ann Fagan discussed an addenda item that was the subject of a topic presented at the September 2010 meeting. A discussion of this item begins on page 62 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

Mady Hue led the addenda proposal discussion. The addenda begin on page 63 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

ICD-10 TOPICS:

Pat Brooks reviewed information on ICD-10 update activities as shown on pages 65-68 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

Information on ordering the **MS Grouper with Medicare Code Editor ICD-10 Pilot Software**, distributed on **CD-ROM (V28.0)** is posted at the following link:

<http://www.ntis.gov/search/product.aspx?ABBR=PB2011500013>

Information on ordering the **Documentation** for MS Grouper with Medicare Code Editor ICD-10 Pilot Software (V28.0) is posted at the following link:

<http://www.ntis.gov/search/product.aspx?ABBR=PB2011101123>

For details on this presentation and discussion, please listen to the audio file of the meeting.

ICD-10-PCS Code Requests

1. Bearing Surface of Total Ankle Replacement

Roger Mann, MD, conducted a clinical presentation and comparison for cemented and uncemented implant designs that are available for total ankle replacement procedures and why a request to distinguish between the two designs is being proposed for ICD-10-PCS. Pat Brooks, CMS, and Rhonda Butler, 3M, led the coding proposal discussion. A discussion of this item begins on page 69 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

2. Interspinous Process Internal Fixation- Dynamic Stabilization vs. Static Distraction

Reginald Davis, MD, presented a clinical discussion and comparison of dynamic stabilization and static distraction interspinous process internal fixation devices of the spine and why a request to distinguish between the two devices is being proposed for ICD-10-PCS. Mady Hue, CMS, and Rhonda Butler, 3M, led the coding proposal discussion. A discussion of this item begins on page 72 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

3. Spinal Fusion

Mady Hue, CMS, and Rhonda Butler, 3M, facilitated a discussion regarding the proposal to delete a current device value (internal fixation device) which is included in the ICD-10-PCS Fusion table. A discussion of this item begins on page 74 of the agenda and

handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

4. Intra-operative Monitoring

Mady Hue, CMS, and Rhonda Butler, 3M, facilitated a discussion regarding the proposal to expand the body parts and approaches available for coding monitoring procedures of the nervous system in ICD-10-PCS. A discussion of this item begins on page 76 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.

5. Cerebral and Tissue Oximetry

Celeste Beauregard, CMS, and Rhonda Butler, 3M, facilitated a discussion regarding the proposal to distinguish invasive intracranial oxygen saturation monitoring from non-invasive external monitoring of regional brain oxygen saturation using near-infrared spectroscopy. A discussion of this item begins on page 77 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

The second part of the proposal was to create unique codes for monitoring oxygen saturation in the soft tissue of various body regions using near infrared spectroscopy. A discussion of this item begins on page 79 of the agenda and handouts document found on the ICD-9-CM Coordination and Maintenance Committee webpage mentioned previously.

For details on this presentation and discussion, please listen to the audio file of the meeting.