



*Happy  
Holidays  
from all of  
us at CDM*

## CDM HOLIDAY HIGHLIGHTS

- *CDMMap<sup>®</sup> for AIS 2005*  
*by Skip Tinnell*
- *NTDS Submission Timeline for 2008*
- *CDM ICU and Bariatric Databases*
- *New Look for CDM Website*
- *Update on Version 7 Upgrades*
- *CDM Training Opportunities*

## Greetings Clients

Is time a continuum that actually speeds up as we age, leaving us with so little time to show appreciation for small wonders? I am certainly inclined to believe this as CDM approaches 25 years! It seems like our lives are so busy with important tasks that we often run out of time for the most important task of all, being grateful.

I am thankful for the wonderful amazing staff we have the pleasure of working with. They are the best of the best. Our CDM team is humorous, ethical, and caring; they care about every one of our clients.

We are thankful for every client call,

support call, research call, and update call. We are thankful for every client email, fax and letter. We are thankful for every training session, conference, WebEx, and tutor. We are thankful for the part of you that you share with us and for the opportunity to be a resource to your daily work.

Happy Holidays to each of you! Thank you for having confidence in Clinical Data Management products and staff. We appreciate each of you, and hope that next year you continue to utilize our services; we are here to serve.

Beverly Tinnell, CEO

## CDM Provides CDMMap to AAAM

**Skip Tinnell, RN, MSPH**

In collaboration with the Association for the Advancement of Automotive Medicine (AAAM), CDM has been chosen to provide the CDMMap<sup>®</sup> to all trauma registry vendors. The CDMMap<sup>®</sup> will be available in early 2008 and will be free to CDM clients who are licensed thru CDM for AIS 2005.

CDMMap<sup>®</sup> will provide a reliable and reportable AIS source for hospital, regional and state research projects as well as to national or international data organizations. It is an integration of AIS 2005 into CDM's Finder<sup>®</sup>, and is designed to offer a way for users of

ICD9 to obtain reliable links to specific AIS 2005 codes. From these specific AIS 2005 codes, an ISS range can be derived, similar to the ISS derived from the retired ICD Map for older AIS systems.

Through the AIS and ICD9 lookup and linkage feature, the Finder<sup>®</sup> takes an ICD9 code and finds relevant AIS codes. The Finder<sup>®</sup> is designed to provide a broad range of possible codes from which the trained AIS coder can choose. With valuable input from AIS experts, it became apparent

**(continued on Page 3)**

*Be sure to save the  
date for CDM's  
Annual Conference,  
June 22 – 24, 2008 in  
Breckenridge, CO*



**CDM Corporate Headquarters  
Evergreen, Colorado**





Happy New Year from CDM!

## NTDS Submission Timeline for 2008

Below is a great timeline to follow to be certain you will be meeting your ACS requirements (CD 15-2) "Green Book" page 87. American College of Surgeons, (2006). "Resources for Optimal Care of the Injured Patient 2006", Chicago, IL. *The CDM NTDS Update contains the changes from NTDS Version 1.2 released in December 2007.*

**NOW** – Go to [www.ntds.org](http://www.ntds.org) and create a submission account to receive your username and passwords. This will also add your email address to get the latest news from the NTDB.

**January 2008 to April 2008** - Install the Clinical Data Management NTDS Update for your Trauma Registry. This update will be released in January 2008. We will be emailing all clients several times to remind people to download it from our website and how to fully install it.

**February 2008** – NTDB will release the "Call for Data". This will state that you must submit your 2007 patient data by May 2, 2008 (subject to change by NTDB). CDM Highly recommends you plan to complete your data submission by April 15th.

**May 2nd, 2008** (subject to change by NTDB) – This is the absolute last day to submit data for the next year. **IF YOU DO NOT SUBMIT BY THIS DAY YOU RISK HAVING A CRITERIA DEFICIENCY ON AN ACS REVIEW BETWEEN MAY 2008 AND MAY 2009.**

**NEW**

## Bariatric and ICU Database Systems in the Queue for Release in 2008

The **CDM ICU Database** is an integrated system that works in concert with the TraumaBase® trauma registry. Designed to collect an expanded dataset on patients in intensive care, The **ICU Database** will provide the equivalent reporting capabilities available in TraumaBase®. The system has matured while being used in one of the major Trauma Centers on the East Coast where the users are pleased with the component's performance and their ability to use the collected data for research purposes.

CDM is also progressing with the development of a **Bariatric Database** as a separate, stand-alone system that operates in conjunction with the TraumaBase® trauma registry application. Since there are few or no overlapping patients with bariatrics and trauma, the Bariatric and Trauma Registry databases are not shared. However, since the two systems have the same language platform, the Bariatric database exists outside the trauma registry while utilizing the same network server module and user licenses available with the TraumaBase® system. As with the ICU Database system, the powerful reporting engine in TraumaBase® provides the reporting capabilities for the **Bariatric Database** system. The goal for the CDM bariatric registry product is to ultimately submit data to the National Bariatric Registry.

## CDM 2008 Training Opportunities

Please contact CDM Administration at extension 1 for more information about the variety of educational opportunities available and to schedule the training venue that will best fit your program's needs.

### WebBased Training Seminars

These 1-hour sessions cover a variety of topics and are conducted via the Internet by connecting through the CDM Website to WebEx. Sessions will be offered twice a month and listed on the training calendar posted at [www.c-d-m.com](http://www.c-d-m.com).

### Regional Training Sessions

This training is available if you would like to host training for trauma centers in your city, region or state. The sponsoring facility receives two free registrations. A minimum of 10 paying participants is required. Training topics are determined by the sponsoring facility. Advertisement/fee collection is handled by the CDM office.

**NEW**

### WebBased Regional Training

These 2-hour sessions are conducted via the Internet with a WebEx connection and will cover requested topics that are pertinent to your specific region. What a great opportunity for additional training for unlimited regional members to sit in on together at an extremely cost effective fee.

### Facility-Specific Training Sessions

This option is offered on an as-requested basis for an individual facility/organization with specific training topics.

### CDM Annual Conference

The 2008 annual conference will be held once again at Beaver Run Resort in Breckenridge Colorado. This 2 ½ day event will provide an excellent opportunity for hands-on software training, trauma-topic lectures and outstanding peer networking.

*"Learning is not attained by chance; it must be sought for with ardor and attended to with diligence." – Abigail Adams*



CDM 9<sup>th</sup> Annual  
Conference

## CODE GREEN

June 22 -24, 2008

Breckenridge, CO

CDM's 9<sup>th</sup> Annual Users Conference is going to be a **RENEWABLE** experience for one and all! We have facility-based codes that mean specific actions need to occur, such as a Code Red which typically means a fire. With Code Green we are going to focus on how each of us affects Planet Earth... Through quality trauma care, consistent data usage, recycling and conserving resources, we all make a difference by what we do.

Day 1 this year will feature three concurrent training tracks: Beginner, Intermediate and Advanced. Days 2 and 3 will offer more hands-on training for all levels as well as educational presentations, one-on-one sessions, networking opportunities, and labs.

Stay tuned for more information on topics, registration and fun!



*"Through quality trauma care, consistent data usage, recycling and conserving resources, we all make a difference by what we do."*

## New CDM Website is Launched

The recently upgraded CDM website is up and running! We've changed the look and layout and added a couple of new features.

**LINKS PAGE** → The Links page has been expanded to include state and region websites. More will be added in the future. If there are trauma related websites you use regularly and would like to share them, please let us know. We are also putting links to trauma conferences and seminars as we become aware of them. If you are hosting a conference or seminar, consider posting it at the CDM website for additional exposure. Just let us know.

**CLIENT LOGIN** → The client login pages have been combined into one main client login page. This page accesses the **KnowledgeBase, Updates** and a

**NEW** **Data Submittal Portal (see below for details).** KnowledgeBase has been redesigned and is still under construction. Look for new documents to be added. Updates have been categorized for easier access. Categories include System Updates that apply to all users and then State and Region Updates. Find your state or region, click on it and check for new updates. Each update will have its unique password. Emails from CDM Technical Support will be sent to applicable users after the updates have been posted to the website. The emails will contain the passwords to enter for the specific update page. If you see an update on the list and are not sure if you need it, call Support for assistance.

**SUBMITTAL PORTAL DETAILS:** (accessible through the Client Login Page) we are pleased to announce the new capability of uploading state or regional export data securely to our website through a data submittal portal. This feature is available to Colorado, New Mexico and North Dakota clients who send CDM their state or regional export data. Each facility has a unique username and password. Call Support for your access codes!

**NEW** **CDM VIDS:** Multi-media training and educational presentations are going to be available at the CDM website. What a great way for clients to stay up-to-date with regional-specific topics and additional training opportunities. Watch the CDM website for additional information about CDM VIDS to be coming soon!

## CDM Provides CDMMap to AAAM (continued from first page)

that a more narrow algorithm could be developed so that the less-likely AIS codes could be eliminated and AIS lookup would be simplified - so CDMMap<sup>®</sup> was born!

The full AIS 2005 codes will also be available and the linked codes will not be limited to a single body region, since some ICD9 codes span more than one AIS 2005 region. We will also make sure the CDMMap<sup>®</sup> is current with the most recent ICD9 codes. When ICD10 (or ICD11) is available, we will make sure CDMMap<sup>®</sup> is current.

The model for this approach was the ICD Map, a linkage used for earlier AIS versions (85 and 90) that was produced by Dr Ellen Mackenzie of Johns Hopkins University. The ICD Map gave a high and a low AIS severity number (the 1-6

number) and a body region for each ICD9 code. The ICD Map was useful in deriving an Injury Severity Score (ISS) from ICD9 codes, but the ICD Map was not updated for AIS 98 and was not planned to be updated to AIS 2005 and has not been updated with the annual ICD9 changes.

The CDMMap<sup>®</sup> will be available in early 2008 and will be free to CDM clients who are licensed thru CDM for AIS 2005. As always, we will stay current with corrections and improvements to the AIS, and we **always** welcome input from our clients on how we can better meet your coding needs.

## Upgrading to AIS05

Skip Tinnell, RN, MSPH

2007 was an exciting year for trauma information! In addition to the National Trauma Data Standard (newest Version 1.2 released 12/07), the new Abbreviated Injury Scale (AIS) 2005 version is getting more popular as people see firsthand the improvement it will make in coding accuracy.

We at CDM have been very fortunate to have worked closely with the Association for the Advancement of Automotive Medicine (AAAM) to become an official Vendor Partner for the AIS 2005 release, and to have had the opportunity to study the AIS 2005 closely as we implement it in CDM systems.

To allow maximum flexibility in moving to AIS 2005, the upgrade to AIS 2005 is designed to allow concurrent use of AIS 98 and AIS 2005, and to allow you to restore AIS 98 as your primary scoring even after you have installed AIS 2005. A major consideration in this process is whether your state or region is ready for you to use AIS 2005. We do not want to send the wrong AIS version code to the state or region, since analyses may be dependent on a particular version.

If you have questions about upgrading to AIS 2005, please give CDM Support a call. We will be happy to help you decide what the best upgrade method will be.

## Update on the Version 7 Upgrade

We are approaching the 1-year anniversary of the release of TraumaBase® Version 7 (January 2007) and the Version 7 features are generating unprecedented enthusiasm nationwide. Currently, 33% of CDM Trauma Registry clients are using Version 7 and 12% of CDM clients are in the queue to receive the upgrade. For more information about the upgrade and client reviews, please check the CDM website.



While you're at the CDM website, check out the CDM Multi-Media training **VIDS** of the Version 7 features. You can view it and/or download it for future reference.

Current Version 6 TraumaBase® clients will be placed into the Upgrade Pathway queue as soon as a signed proposal for Version 7 arrives at CDM. If you have a proposal, we encourage you to get a signed copy faxed to us as soon as possible so we can put your facility in the queue. If you don't have a Version 7 upgrade proposal, let us know and we'll provide one for you. Facilities that submit signed proposals this month can anticipate their upgrade to be shipped sometime in March. So don't delay! Also, remember that systems must be at the 32-bit level prior to upgrading to Version 7. Contact CDM directly for more information about how to upgrade your system with the CDM32 Bit Module and Version 7 upgrades.

## CDM Trauma Registry and Research

We are excited that so many clients are utilizing the robust reporting capabilities in the Trauma Registry for your research papers. Since we have received inquiries regarding the proper format for the formal citation notating the CDM Trauma Registry source, we are listing it here:

**Clinical Data Management, Inc., (2007). "TraumaBase® Trauma Registry", Evergreen, CO.**

For further assistance and information regarding Trauma Research using the Trauma Registry, please contact Bev Tinnell at 303 670-3331 extension 8.



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