

# Medcin Data Update

Galen Education Series

Matthew Woodside

Embrace the new world of healthcare



## Questions answered...

- **What is Medcin? And what are Medcin Updates?**
- **What's typically included? And why?**
- **When are they published?**
- **How do updates make their way into our system?**
- **Who is responsible for applying updates?**
- **What actions are required prior to updating our Prod environment?**
- **Do we need to test? What should we look for? Assessing changes, building a test strategy**



# Who and What is Medcin?

- The Medcin Engine was developed by Medcomp Systems
- A system of standardized medical terminology, is a proprietary medical vocabulary. Medcin is a point-of-care terminology, intended for use in Electronic Health Record systems.
- It includes over 250,000 clinical data elements encompassing symptoms, history, physical examination, tests, diagnoses and therapy.
- Medcin Engine combines a robust database of medical concepts with methods for presenting and documenting relevant symptoms, history, physical findings, tests, diagnoses and therapy for virtually any patient presentation.

Source: <http://www.medcomp.com/medcin.html>



# What's included? Why? When?

- **CPT Updates**
- **Charge codes – deleted**
- **Medcin terminology – updates and retired findings**
  
- **Medcin Updates are available on a quarterly basis**
- **Quarterly updates information is made available here:**
  - **<ftp://ahsftp.allscripts.com>**

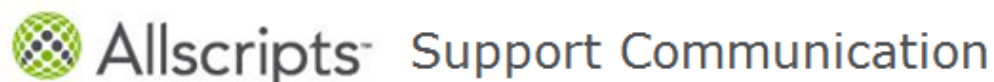


# Relevant Update documentation

- <ftp://ahsftp.allscripts.com>
  - 2011 CPT Update FAQ.doc
  - 4Q2010 Medcin Change Report\_v1.htm
  - 4Q2010 Medcin Change Report\_v2.htm
  - **4Q2010 Medcin Update Client\_Communication.doc**
  - Active charge codes with deleted 2010 cpt-4 codes.sql
  - Active items with deleted 2010 cpt-4 codes.sql
  - **Installing the TouchWorks Medcin Update\_1117SP1andForward\_4Q2010.doc**
  - Instructions to locate v11 Note Forms containing retired Medcin findings.doc
  - PLEASE READ.txt
  - Retired Medcin Terms Query.sql



# Medcin Update Client Communication



<b>Subject:</b>	4Q 2010 Medcin Data Update
<b>Product Line:</b>	Enterprise EHR
<b>Clients Affected:</b>	All
<b>Version Affected</b>	10.2.1 – 10.2.7, All 11.x
<b>Functionality Affected:</b>	Problem/ACI, v10 Note, E/M Coder, v11 Note Form Builder
<b>Summary:</b>	4Q2010 Medcin Data Update is now available to download.
<b>Actions Taken:</b> (Hotfixes, Release Plans, Availability, etc.)	<p>It is the customer's responsibility to apply this update. The update and installation instructions can be downloaded from the following site.</p> <p><a href="ftp://ahsftp.allscripts.com/4Q2010MedcinUpdate/">ftp://ahsftp.allscripts.com/4Q2010MedcinUpdate/</a></p> <p>There are two installers, one for clients on versions below 11.1.7 SP1 (includes 10.x), and a second for clients on 11.1.7 SP1 and higher. Please take the time to ensure that you are using the data update that is applicable to your installed version of EEHR.</p>
<b>Detailed Description/ Message:</b>	<p>Over 854 findings have been added, as well as updates and retirements of existing findings, in this release. The changes are detailed in the accompanying Change Reports as well as posted to the SFDC Knowledge Base in article # 6901 (4Q2010 Medcin Change Report). Please take the time to review these change reports prior to installing this update.</p> <p><b>Please note that the 2011 CPT Code Updates were effective on January 1<sup>st</sup>, 2011.</b></p>



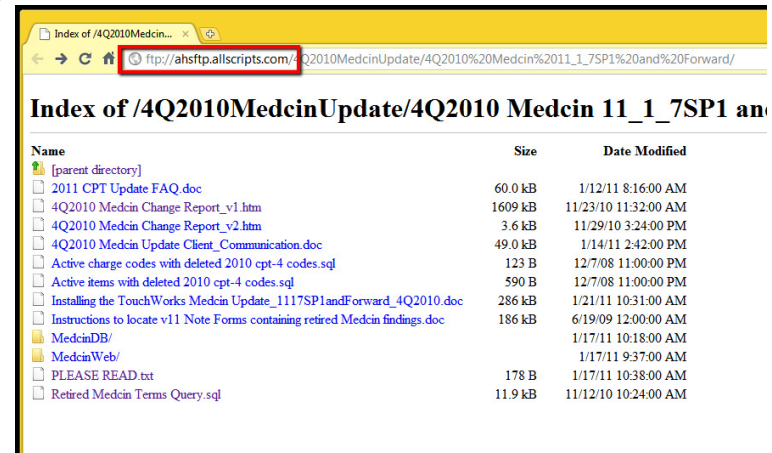
# Who is responsible for applying updates? How do we update?

- **Who?**
  - Client IT department
  - Allscripts or alternative Technical Team

- **How?**  
<ftp://ahsftp.allscripts.com>

4Q2010 Medcin 11\_1\_7SP1 and Forward/  
OR

4Q2010 Medcin\_BELOW\_11\_1\_7SP1 ONLY/



Name	Size	Date Modified
[parent directory]		
2011 CPT Update FAQ.doc	60.0 kB	1/12/11 8:16:00 AM
4Q2010 Medcin Change Report_v1.htm	1609 kB	11/23/10 11:32:00 AM
4Q2010 Medcin Change Report_v2.htm	3.6 kB	11/29/10 3:24:00 PM
4Q2010 Medcin Update Client_Communication.doc	49.0 kB	1/14/11 2:42:00 PM
Active charge codes with deleted 2010 cpt-4 codes.sql	123 B	12/7/08 11:00:00 PM
Active items with deleted 2010 cpt-4 codes.sql	590 B	12/7/08 11:00:00 PM
Installing the TouchWorks Medcin Update_1117SP1andForward_4Q2010.doc	286 kB	1/21/11 10:31:00 AM
Instructions to locate v11 Note Forms containing retired Medcin findings.doc	186 kB	6/19/09 12:00:00 AM
MedcinDB/		1/17/11 10:18:00 AM
MedcinWeb/		1/17/11 9:37:00 AM
PLEASE READ.txt	178 B	1/17/11 10:38:00 AM
Retired Medcin Terms Query.sql	11.9 kB	11/12/10 10:24:00 AM

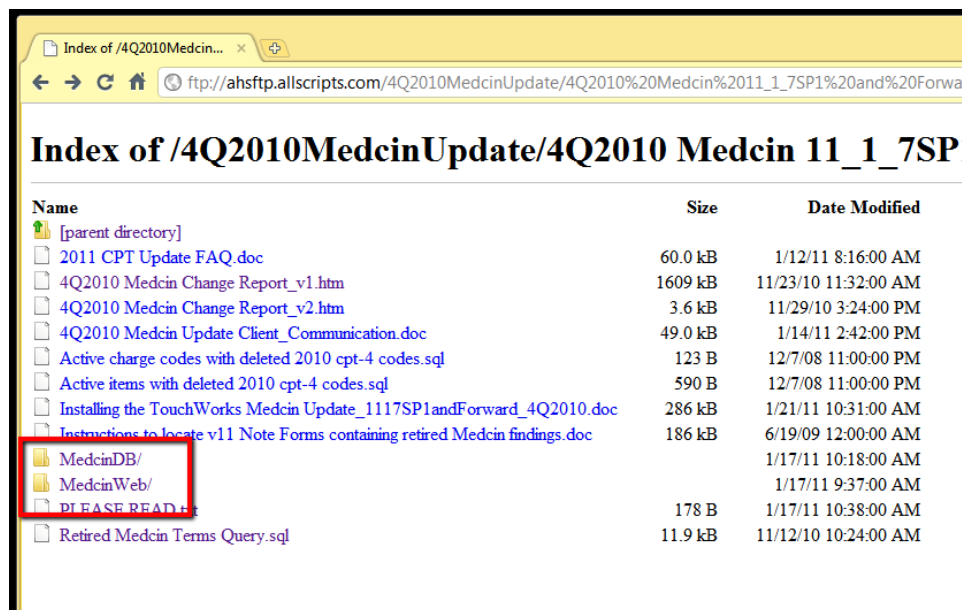


# Installation

Installing the TouchWorks Medcin Update\_1117SP1andForward\_4Q2010.doc

- **MedcinDB/**
  - MedcinDBQ410.exe
- **MedcinWeb/**
  - EnterpriseMedcinWebSetup.exe

Install in Test / QA first!



Name	Size	Date Modified
[parent directory]		
2011 CPT Update FAQ.doc	60.0 kB	1/12/11 8:16:00 AM
4Q2010 Medcin Change Report_v1.htm	1609 kB	11/23/10 11:32:00 AM
4Q2010 Medcin Change Report_v2.htm	3.6 kB	11/29/10 3:24:00 PM
4Q2010 Medcin Update Client_Communication.doc	49.0 kB	1/14/11 2:42:00 PM
Active charge codes with deleted 2010 cpt-4 codes.sql	123 B	12/7/08 11:00:00 PM
Active items with deleted 2010 cpt-4 codes.sql	590 B	12/7/08 11:00:00 PM
Installing the TouchWorks Medcin Update_1117SP1andForward_4Q2010.doc	286 kB	1/21/11 10:31:00 AM
Instructions to locate v11 Note Forms containing retired Medcin findings.doc	186 kB	6/19/09 12:00:00 AM
MedcinDB/		1/17/11 10:18:00 AM
MedcinWeb/		1/17/11 9:37:00 AM
PLEASE READ.txt	178 B	1/17/11 10:38:00 AM
Retired Medcin Terms Query.sql	11.9 kB	11/12/10 10:24:00 AM



# Test and Validation - Review

- Review the Medcin Change Report – locate v11 Note Forms containing retired Medcin findings

## 4Q2010 Medcin Change Report v1.htm

- Retired Findings
- Retired Symptoms
- Retired Physical Exam
- Tests, etc.

Medcin Knowledge Base Change Summary - Windows Internet Explorer

https://webmail.allscripts.com/Exchange/vaishnavi.mudrati/Inbox/TOUCHWORKS.v11%20-%20Defect%20%2322896%20-%20Provide%20a%20tool%20or%20query%20

File Edit View Favorites Tools Help

Microsoft Outlook Web Access Medcin Knowledge Base ... X

Live Search

### Retired Findings

The following findings have been retired and should no longer be used.

Medcin Id	Description
257	coughing up sputum mucoid, clear, or white

Contents

### Physical Exam

Medcin Id	Description
9444	Cognitive Mini-Mental Status Exam

Contents

### Tests

Medcin Id	Description
76569	Nuclear Medicine
322815	X-Ray Abdominal Flat Plate Erect View

Contents

### Diagnoses

Medcin Id	Description
97218	TUBERCULOSIS PULMONARY BRONCHUS STEM

Contents

### Therapies

Medcin Id	Description
303701	Prophylactic Antibiotics Not Within 4 Hours Prior To Surg Incis
303703	Prophylactic Antibiotics Not Given Intraoperatively
42758	Neonatal Intensive Subsequent Care, Under 1.5Kg BW - 1 Day
45426	Creation Of Lumbar-Subarachnoid-Peritoneal-Pleural Shunt
45427	Creation Of Lumbosubarachnoid-Pleural CSF Shunt With Laminectomy
45428	Creation Of Lumbosubarachnoid-Pleural CSF Shunt Percutaneous
76562	Brachyther Remote Afterload High Intens 1-4 Source Pos/Cath
76563	Brachyther Remote Afterload High Intens 5-8 Source Pos/Cath
76564	Brachyther Remote Afterload High Intens 9-12 Source Pos/Cath
76565	Brachyther Remote Afterload High Intens >12 Source Pos/Cath

Contents



# Test and Validation – Identify

- 2011 CPT Update FAQ.doc
- Retired Medcin Terms Query.sql
- Active charge codes with deleted 2010 cpt-4 codes.sql
- Active items with deleted 2010 cpt-4 codes.sql

Your tech will provide the outputs from each of these queries for the application team to review and take action with



# Production Updates and Go Live

- Make changes to Notes, Flowsheets, etc prior to running the Medicin Update
- Backup – always
- Off hours update
- Validate



# Communication

- **Most organizations will notify users of changes to their environment, same goes for Medcin Updates**
- **Super User channel, email, other training vehicles**



# Process Overview

- Review content of the latest Medcin Quarterly Update
- Update the TEST or QA Environment
- Review and Identify the impacts
- *Make the necessary changes – Updates in Test, Updates in Prod*
- Apply update to Production
- Communicate to end users



# Thanks!

- **Questions and feedback**  
Matt.Woodside@GalenHealthcare.com
- **Next Galen EHR Webcast Education presentation**
  - May 4<sup>th</sup>; Analytics - PBI Administration