



REMEDIA TORTM

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REMIEDIATORTM

by DVR Consulting, Inc.

- * ICD-9 to ICD-10 Transition Experts!
- * We Provide ICD-9 / ICD-10 Business Services
- * We Provide ICD-9 / ICD-10 Technical Services
- * Authors of RemediatorTM tool set www.icdremediator.com



by DVR Consulting, Inc.

* ICD-9 to ICD-10 Business Services we Provide:

- * Planning
- * Education
- * Assessments
 - * Work Stream Identification
 - * Prioritization
 - * Complexity Assignment
 - * Remediation Strategy Assignment
- * Remediation Assistance



REMIEDIATORTM

by DVR Consulting, Inc.

- * ICD-9 to ICD-10 Technical Services we Provide:
 - * GEM Technical Training
 - * Custom Mappings ICD-9, ICD-10
 - * Sole Source offerings, unavailable elsewhere!
 - * RemediatorTM Toolset www.icdremediator.com
 - * RemediatorTM Customization
 - * Enterprise Integration via Web Services
 - * RemediatorTM tool enhancements

REMEDIATORTM

by DVR Consulting, Inc.

* The challenge: CMS Mandates ICD-10 by 10/1/2015

* Quantity of codes increased

* ICD-9 Dx 14,567	➡	ICD-10 69,823
* ICD-9 Proc 3,882	➡	ICD-10 71,924

* Dx and Procedure Code Format Differences





REMIEDIATORTM

by DVR Consulting, Inc.

- * A solution to the challenge: RemediatorTM
- * Developed as a result of Kaiser experience
- * Used for ICD-10 Code Remediation
 - * Benefits Configuration, KPIT Health Informatics, HPMG Business Analytics, PAS(28 Systems), KPHI HP Quality Reporting, OBGYN, DOTS, Optometry Assessments, Quality Reporting Metrics(QRM), Reporting/Analytics, Provider Contracting, Claims Data Warehouse(CDW), Claims Clinical Review, Benefits, Medical Services Contracting, Network Services Contracting, Corporate Services, FWACD(Fraud Waste), MSCC(Member Services Call Center), CCC(Clinical Call Center), Nurse Practice, Benefits Membership Administration, Quality Reporting, Reporting/Analytics, (DSS(Decision System Support) Cost Accounting
- * Used for ICD-10 GEM Technical Training
- * Used to create Test Data
- * 400 Users at Kaiser of the Remediator predecessor!



REMEDIATORTM

by DVR Consulting, Inc.

- * Industry is not prepared!

- * WEDI - 8/2014 Survey Results

- * **Provider** impact assessments: About **50 percent** of the providers indicated they have completed their impact assessment—essentially the same number as in the October 2013 survey.
- * **Health plan** testing: More than **50 percent** of health plans have already begun external testing compared to less than 25 percent in the prior survey.
- * **Vendor product** availability: **More than 25 percent** of vendors responded that their products would **not be ready until 2015 or responded 'unknown'**.
- * “Based on the survey results, all industry segments appear to have made some progress since October 2013, but the lack of progress by providers, in particular smaller ones, remains a cause for concern as we move toward the compliance deadline,” said Jim Daley, WEDI chairman and ICD-10 Workgroup co-chair. “Delaying compliance efforts reduces the time available for adequate testing, increasing the chances of unanticipated impacts to production. We urge the industry to accelerate implementation efforts in order to avoid disruption on Oct. 1, 2015.”

Source: <http://www.wedi.org/news/press-releases/2014/09/25/Results-from-WEDI-ICD-10-Industry-Readiness-Survey-Released>

The latest survey results are based on responses from 514 respondents, consisting of 324 providers, 87 vendors and 103 health plans.



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- * Unparalleled ICD-9 / ICD-10 Technical Services
- * Authors of Remediator™ tool set www.icdremediator.com
- * Contact us Today! info@icdremediator.com,
(925) 829-9484



REMIEDIATORTM

by DVR Consulting, Inc.

- * Unparalleled ICD-9 to ICD-10 Technical Experience!
- * Authors of RemediatorTM the only toolset built from the ground up for ICD-10 Remediation
- * RemediatorTM Web Services Integration
- * GEM Technical Training



REMEDIATORTM

by DVR Consulting, Inc.

* Unparalleled ICD-9 to ICD-10 Business Experience!

* Specific Work Stream Experience

- * Benefits Configuration, KPIT Health Informatics, HPMG Business Analytics, KPHI HP Quality Reporting, Performance Assessment HEDIS, Pharmacy, Laboratory(Sunquest), HIMS, DSS, Continuing Care, Medicare, Home Health, OBGYN, Optometry Assessments, Quality Reporting Metrics(QRM), Laboratory (Standing/Future orders), Reporting/Analytics, Claims, Medicare Risk, Provider Contracting, Claims Data Warehouse(CDW), Claims Clinical Review, Benefits, Medical Services Contracting, Network Services Contracting, Corporate Services, Outside Referral(ORD), Emergency Prospective Review Program(EPRP), Outside Utilization Resources Tracker(OURS), Behavioral Health Utilization Management(BHCUM), Behavioral Health Hotline(BHCCM), PAS(28 Systems), FWACD(Fraud Waste), MSCC(Member Services Call Center), CCC(Clinical Call Center), Claims, Coding, Nurse Practice, Benefits Membership Administration, Customer Relations, Quality Reporting, Population Care Management, Reporting/Analytics, Laboratory Orders(SunQuest) (Standing/Future), Radiology, DSS(Decision System Support) Cost Accounting

DVR Consulting, Inc.

- * Founded 1986
- * Partial List of Clients: United Health Care, Kaiser, Apple Inc., Bank of America
- * Business Consulting, IT Consulting, Turn Key System Solutions



Use Cases



Where Codes have been found, Outside of EMR, HIMSS Coding

Tables(Spreadsheet or Programatic):

(Health Plan(Benefits), DSS, Disease Registries, Clinical Review)

SCRM ID	Description	Code From	Code Thru	Valid From	Valid Thru
2	AUTISM - ABA THERAPY	299.0	299.0		
3	AUTISM - ABA THERAPY	299.00	299.00		
4	AUTISM - ABA THERAPY	299.8	299.8		
5	AUTISM - ABA THERAPY	299.80	299.80		
6	CHEMICAL DEP NON PARITY	501229	501230		
7	CHEMICAL DEP NON PARITY	291	292		
8	CHEMICAL DEP NON PARITY	291.0	292.9		
9	CHEMICAL DEP NON PARITY	291.00	291.22		
10	CHEMICAL DEP NON PARITY	291.000	291.222		
11	CHEMICAL DEP NON PARITY	303	305		
12	CHEMICAL DEP NON PARITY	303.0	305.9		
13	CHEMICAL DEP NON PARITY	303.00	305.90		
14	CHEMICAL DEP NON PARITY	303.000	304.222		
15	CHEMICAL DEP NON PARITY	500071	50007		
16	CHEMICAL DEP NON PARITY	500548	500548		
17	CHEMICAL DEP NON PARITY	500563	500563		
18	CHEMICAL DEP NON PARITY	500936	500936		
19	CHEMICAL DEP NON PARITY	501426	501426		
20	CHEMICAL DEP NON PARITY	501549	501549		
21	CHEMICAL DEP NON PARITY	501572	501572		
22	CHEMICAL DEP NON PARITY	501594	501594		
23	CHEMICAL DEP NON PARITY	502286	502286		
24	CHEMICAL DEP NON PARITY	503218	503218		
25	CHEMICAL DEP NON PARITY	503298	503298		
26	CHEMICAL DEP NON PARITY	530.5	530.5		
27	CHEMICAL DEP NON PARITY	536.9	536.9		
28	CHEMICAL DEP NON PARITY	540.9	540.9		
29	CHEMICAL DEP NON PARITY	553.1	553.1		

Paper Sheets:

(Billing Sheets, "Help Sheets", Call Center Sheets, Contracts)

Maternal Consult Codes	Code	Fetal Codes	Code
Chronic oligohydramnios	658.03	Apnea	786.03
Pre-term labor	644.20	Atelectasis	518.0
Premature rupture of membranes	658.10	Croup	464.4
Twin pregnancy	651.03	Cystic fibrosis	277.0
Triplet pregnancy	651.13	Edema, cardiogenic pulmonary	428.1
Quadruplet pregnancy	651.23	Edema, pulmonary, acute, unspecified	518.4
Other:		ARDS	518.8
		BPD	770.7
		Examination, pre-op, respiratory (Primary Diagnosis)	V72.82
		Myopathy, congenital (muscular dystrophy)	359.0
		Pertussis/Whooping cough	033.9
		Specify organism:	
		Pleural effusion, empyema	510.9
		Pneumonia, organism, unspecified	511.9
		Pneumomediastinum	518.1
		Pneumonia, aspiration	507.0
		Pneumonia, bacterial, unspecified	482.9
		Pneumonia, organism, unspecified	486
		Pneumonia, RSV	480.1
		Pneumonia, viral, unspecified	480.9
		Pneumothorax, acute	512.8
		Respiratory arrest	799.1
		Respiratory failure, chronic	518.8
		Respiratory distress insufficiency/syndrome	518.8
		Respiratory failure, acute	518.8
		Stridor	786.1
		Tracheitis, acute	464.1
		Ventilator dependency (Secondary Diagnosis)	V46.1
		Cardiac arrest	427.5
		Cardiac failure, post-op	100.1

Software Programs/Queries:

(Reporting Analytics, Research, Fraud/Waste, etc. Report Queries)

```
where hspr.adt pat class name = 'Emergency'
AND hspr.prncpl dx icd9 code in ('292.89', '305.9', '305.90', '305.91', '305.93', '977.9', '977.90')
AND CAST(hspr.ed_adm_time as Date) > ('2010-01-01')
/*
And CAST(hspr.pat_class_effective_time as Date) BETWEEN ('2010-01-01') AND ('2010-12-31')
*/
```




ICD Code Findings

- Codes are typically in groups (sets), can be thousands!
- Invalid or Deprecated codes can exist within the sets!
- Partial codes typically imply “wildcarding”
ex. 250 implies all codes which start with 250
- Codes may or may not contain the decimal points!
- All findings above apply to code ranges!
(250-260, 250.01-250.13, 25001-25013)

Remediator™ can handle all of these challenges!

SCRM ID	Description	Code From	Code Thru	Valid From	Valid Thru
2	AUTISM - ABA THERAPY	299.0	299.0		
3	AUTISM - ABA THERAPY	299.00	299.00		
4	AUTISM - ABA THERAPY	299.8	299.8		
5	AUTISM - ABA THERAPY	299.80	299.80		
6	CHEMICAL DEP NON PARITY	501229	501230		
7	CHEMICAL DEP NON PARITY	291	292		
8	CHEMICAL DEP NON PARITY	291.0	292.9		
9	CHEMICAL DEP NON PARITY	291.00	291.ZZ		
0	CHEMICAL DEP NON PARITY	291.000	291.ZZZ		
1	CHEMICAL DEP NON PARITY	503	505		
2	CHEMICAL DEP NON PARITY	503.0	505.9		
3	CHEMICAL DEP NON PARITY	503.00	505.90		
4	CHEMICAL DEP NON PARITY	503.000	504.ZZZ		
5	CHEMICAL DEP NON PARITY	500071	500071		
6	CHEMICAL DEP NON PARITY	500548	500548		
7	CHEMICAL DEP NON PARITY	500563	500563		
8	CHEMICAL DEP NON PARITY	500936	500936		
9	CHEMICAL DEP NON PARITY	501426	501426		
0	CHEMICAL DEP NON PARITY	501549	501549		
1	CHEMICAL DEP NON PARITY	501572	501572		
2	CHEMICAL DEP NON PARITY	501594	501594		
3	CHEMICAL DEP NON PARITY	502286	502286		
4	CHEMICAL DEP NON PARITY	503218	503218		
5	CHEMICAL DEP NON PARITY	503298	503298		
6	CHEMICAL DEP NON PARITY	530.5	530.5		
7	CHEMICAL DEP NON PARITY	536.9	536.9		
8	CHEMICAL DEP NON PARITY	540.9	540.9		
9	CHEMICAL DEP NON PARITY	553.1	553.1		



1
Choose Mapping Type to Search

Diagnosis 9 to 10 - All GEM Matches

2
Enter ICD9 Code(s) to Search

327.23 496 250.00 781.2 493.90 428.0
174.9 434.91 715.90 V55.3 457.1 780.57
343.9

3
Search

Enter Keyword(s) to Search

-OR- Choose a Code File in txt format to Upload, then ----->click EXCEL Button

Choose File no file selected

Excel

Search found 1 ICD9 Diagnosis record(s) where:
 ICD9 Diagnosis Validated & Sorted
 Search Code(s) begin with: 174.9 250.00
 327.23 343.9 428.0 434.91 457.1 493.90
 496 715.90 780.57 781.2 V55.3

Show 5 entries

Basic Remediation

2 Total Mappings found, To Download Click the Excel button above

ICD9 Code	Code Description	Mapping Origin	GEM Flag Mapping Instructions, Source to Destination	ICD10 Code	Code Description	Mapping Origin	GEM Flag Mapping Instructions, Destination Back to Source
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	9 to 10 10 to 9	Scenario-0: E11.9	E11.9	Type 2 diabetes mellitus without complications	10 to 9	Scenario-0: 250.00
		10 to 9		E13.9	Other specified diabetes mellitus without complications	10 to 9	Scenario-0: (249.00 OR 250.00)

Basic Instructions: 1-2-3
 Step 1. Select Mapping type
 Step 2. Enter Search Codes or Keywords
 OR Enter Search Codes and Keywords
 Step 3. Click on Search Button
 After Search is performed you may click Excel button for a spreadsheet



1
Choose Mapping Type to Search
Diagnosis 9 to 10 - All GEM Matches

2
Enter ICD9 Code(s) to Search
327.23 496 250.00 781.2 493.90 428.0 174.9 434.91 715.90 V55.3 457.1 780.57 343.9
diab mell

3
Search
Search found 1 ICD9 Diagnosis record(s) where:
ICD9 Diagnosis Validated & Sorted
Search Code(s) begin with: 174.9 250.00 327.23 343.9 428.0 434.91 457.1 493.90 496 715.90 780.57 781.2 V55.3

-OR- Choose a Code File in txt format to Upload, then ----->click EXCEL Button
Choose File no file selected
Excel

Basic Remediation



nonclinical diabetes (790.29)
secondary diabetes (249.0-249.9)

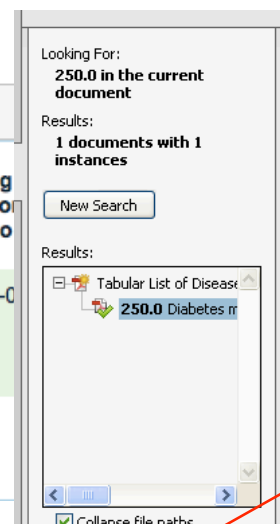
The following fifth-digit subclassification is for use with category 250:
0 type II or unspecified type, not stated as uncontrolled
Fifth-digit 0 is for use for type II patients, even if the patient
Use additional code, if applicable, for associated long-term (current) ins
1 type I [juvenile type], not stated as uncontrolled
2 type II or unspecified type, uncontrolled
Use additional code, if applicable, for associated long-term (current) ins
Fifth-digit 2 is for use for type II, adult-onset, diabetic patier
insulin
3 type I [juvenile type], uncontrolled

250.0 Diabetes mellitus without mention of complication
Diabetes mellitus without mention of complication or
250.1-250.9
Diabetes (mellitus) NOS
250.1 Diabetes with ketoacidosis
[0-3]
Diabetic

Show 5 entries

2 Total Mappings found, To Download Click the Excel button above

ICD9 Code	Code Description	Mapping Origin	GEM Flag Instruction Source to
250.00	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	9 to 10 10 to 9	Scenario-0 E11.9



Clicking on the Code will launch the Code book and find the Code



Bulk Query Codesets Feature

Choose Mapping Type to Search



Diagnosis 9 to 10 - All GEM Matches

1

-OR- Choose a Code File in txt format to Upload, then ----->click EXCEL Button



Excel

3

Choose File



Benefits-2-13t.txt

2

File of Code Sets

Instructions: 1-2-3

Step 1. Select Mapping type

Step 2. Attach file of Code sets

Step 3. Click on Excel Button

299.0	299.0	Codeset: AUTISM - ABA THERAPY
299.00	299.00	Codeset: AUTISM - ABA THERAPY
299.8	299.8	Codeset: AUTISM - ABA THERAPY
299.80	299.80	Codeset: AUTISM - ABA THERAPY
294.10		Codeset: AUTISM NON ABA
294.11		Codeset: AUTISM NON ABA
299.0	299.0	Codeset: AUTISM NON ABA
299.00	299.0	Codeset: AUTISM NON ABA
299.00	299.0	Codeset: AUTISM NON ABA
300.8	300.8	Codeset: AUTISM NON ABA
330.8	330.8	Codeset: AUTISM NON ABA
330.80	330.8	Codeset: AUTISM NON ABA
330.80	330.8	Codeset: AUTISM NON ABA
330.8		Codeset: AUTISM NON ABA
330.8		Codeset: AUTISM NON ABA
299.0	299.0	Codeset: AUTISM PT OT ST
299.00	299.0	Codeset: AUTISM PT OT ST
299.00	299.0	Codeset: AUTISM PT OT ST
299.00	299.00	Codeset: AUTISM PT OT ST
299.8	299.8	Codeset: AUTISM PT OT ST
299.80	299.8	Codeset: AUTISM PT OT ST
299.80	299.8	Codeset: AUTISM PT OT ST
299.80	299.80	Codeset: AUTISM PT OT ST
258.8		Codeset: BARIATRIC SURGERY-HOSP
278	278	Codeset: BARIATRIC SURGERY-HOSP
278.0	278.0	Codeset: BARIATRIC SURGERY-HOSP
278.00	278.01	Codeset: BARIATRIC SURGERY-HOSP
278.00		Codeset: BARIATRIC SURGERY-HOSP



Bulk Query Codesets Feature

	A	B	C	D	E	F	G
1	AUTISM - ABA THERAPY						
2	Query Description: ICD9 to ICD10 GEM Diagnosis Lookup						
3	Your selection contains 2 ICD9 Diagnosis record(s) where:						
4	ICD9 Diagnosis Validated & Sorted Search Code(s) begin with: 299.0-299.0 299.00-299.00 299.8-299.8 299.80-299.80						
5	Note: Description was not used to restrict selection						
6	Your selection contains 3 ICD10 Diagnosis GEM mapping record(s)						
7	Mapped with GEMs Version 2012v29 by CQT Version 2.0 08-30-2012 on Wed, 05 Sep 2012 16:43:42 GMT						
8	***CHECK ERRORS AT END OF LISTING***						
9	ICD9 Diagnosis	ICD9 Diagnosis Description	Map To	ICD10 Diagnosis GEM Flag Mapping Interpretation	Map To Details	ICD10 Diagnosis GEM	ICD10 Diagnosis Description
10	299.00	Autistic disorder, current or active state	>	Scenario-0: F84.0	>>	F84.0	Autistic disorder
11	299.80	Other specified pervasive developmental disorders, current or active state	>	Scenario-0: (F84.5 OR F84.8)	>>	F84.5	Asperger's syndrome
12			>		>>	F84.8	Other pervasive developmental disorders

[AUTISM - ABA THERAPY](#)
[AUTISM NON ABA](#)
[AUTISM PT OT ST](#)
[BARIATRIC SURGERY](#)

Each Code Set is Mapped independently of each other and separated by Tab



Bulk Query Codesets Feature

	A	B	C	D	E	F	G
1	AUTISM - ABA THERAPY						
2	Query Description: ICD9 to ICD10 GEM Diagnosis Lookup						
3	Your selection contains 2 ICD9 Diagnosis record(s) where:						
4	ICD9 Diagnosis Validated & Sorted Search Code(s) begin with: 299.0-299.0 299.00-299.00 299.8-299.8 299.80-299.80						
5	Note: Description was not used to restrict selection						
6	Your selection contains 3 ICD10 Diagnosis GEM mappings						
7	Mapped with GEMs Version 2012v29 by CQT Version						
8	***CHECK ERRORS AT END OF LISTING***						
9	ICD9 Diagnosis	ICD9 Diagnosis Description	Map				
10	299.00	Autistic disorder, current or active state					
11	299.80	Other specified pervasive developmental disorders, current or active state					
12							

Search

Looking For:
299.0 in the current document

Results:
1 documents with 1 instances

New Search

Results:

Tabular List of Disease

299.0 Autistic disc

Psychogenic psychosis NOS
Psychogenic stupor

Excludes: acute hysterical psychosis (298.1)

298.9 Unspecified psychosis
Atypical psychosis
Psychosis NOS
Psychotic disorder NOS

299 Pervasive developmental disorders

Excludes: adult type psychoses occurring in childhood, as:
affective disorders (296.0-296.9)
manic-depressive disorders (296.0-296.9)
schizophrenia (295.0-295.9)

The following fifth-digit subclassification is for use with category 299:
0 current or active state
1 residual state

299.0 Autistic disorder
(0-1)

Childhood autism
Infantile psychosis
Kanner's syndrome

Excludes: disintegrative psychosis (299.1)
Heller's syndrome (299.1)
schizophrenic syndrome of childhood (299.9)

Clicking on the Code will launch the Code book and find the Code



Use Case

Clinical Review



Clinical Review Use Case

Background: Clinical Review Claim triggers are defined with 3940 ICD-9 codes which are used by a Claim processing system to identify inbound claims which need to be routed to a queue for manual review.

The Problem: 3940 ICD-9 Clinical Review codes must be translated to ICD-10 (*Partial list of codes shown*)

00001 00002 00003 00004 00005 00006 0003 001 0019 0020 0029 0030 0031 0039 0043 0049 005 0050 0058 0059 0060 0061 0063 0069 0070 0071 0072 008 0080 00800 00801 00803 00804 00809 00843 00844 00845 00846 00847 00849 0085 0086 00861 00862 00863 00864 00865 00866 00867 00869 0088 0090 0091 0092 0093 010 0100 01000 0109 01090 01091 01092 011 0110 01100 01103 01104 01110 0112 01120 01123 0114 01140 01160 01183 0119 01190 01193 01200 0134 01390 01400 0150 01600 01690 01700 01720 0173 018 01890 01894 02013 021 0210 0229 0234 024 025 0270 030 0300 0301 0303 0309 031

Remediate Using www.icdremediator.com:

Remediation Time for 3940 Codes: **15 seconds!**

8400 ICD-10 unique codes mapped

10218 ICD-10 mappings found

84 Invalid codes found in grouping

Output Mapping in Excel

OR

Remediate Manually

using existing code books or online lookup tools, limited to one code at a time.

3940 codes x Code Lookup x Documentation

(2 models shown, remediation speed depending on coder)

Model1

1. Lookup Time = **30** seconds per code
2. Documenting time = avg. **60** seconds per code
3. Total Time = 90 x 3940 = 354600 seconds = 98.5 hours!

Model2

1. Lookup Time = **30** seconds per code
2. Documenting time = avg. **120** seconds per code
3. Total Time = 90 x 3940 = 354600 seconds = 164 hours!

	A	B	C	D	E	F	G	H	I	J
1	CodeSet									
2	Query Description: Diagnosis 9 to 10 - All GEM Matches									
3	Search found 3940 ICD9 Diagnosis record(s) where:									
4	ICD9 Diagnosis Validated and Sorted Search Code(s) begin with: 001 001.9 002.0 002.9 003.0 003.1 003.9 004.3 004.9 005 005.0 005.8 005.9 006.0 006.1 006.3 006.9 007.0 007.1 007.2 008 008.									
5	Note: Description was not used to restrict selection									
6	Search found 10218 ICD10 Diagnosis GEM mapping record(s)									
7	Mapped with GEMs Version 2014 by www.icdremediator.com Version 2.0 11-30-2013 on Fri, 22 Aug 2014 01:53:02 GMT									
8	***CHECK ERRORS AT END OF LISTING***									
9	ICD9 Diagnosis	ICD9 Diagnosis Description	Map To	Map To: ICD10 Diagnosis GEM Flag Mapping Instructions	Mapping Origin	ICD10 Diagnosis GEM	ICD10 Diagnosis Description	Map Back	Diagnosis GEM Flag Mapping Instructions	Select
10	001.0	Cholera due to vibrio cholerae	>	Scenario-0: A00.0	<>	A00.0	Cholera due to Vibrio cholerae 01, biovar cholerae	>	Scenario-0: 001.0	X
11	001.1	Cholera due to vibrio cholerae el tor	>	Scenario-0: A00.1	<>	A00.1	Cholera due to Vibrio cholerae 01, biovar eltor	>	Scenario-0: 001.1	X
12	001.9	Cholera, unspecified	>	Scenario-0: A00.9	<>	A00.9	Cholera, unspecified	>	Scenario-0: 001.9	X
13	002.0	Typhoid fever	>	Scenario-0: A01.00	<>	A01.00	Typhoid fever, unspecified	>	Scenario-0: 002.0	X
14			>		<<	A01.01	Typhoid meningitis	>	Scenario-0: 002.0	X



Sample Output



Analyzer Feature

ICD Analyzer

Query Description: Diagnosis 9 to 10 - GEM

Search found 40 ICD9 Diagnosis record(s) where:

ICD9 Diagnosis Validated and Sorted Search Code(s) begin with: 250

Note: Description was not used to restrict selection

Search found 92 ICD10 Diagnosis GEM mapping record(s)

Mapped with GEMs Version 2015 by www.icdremediator.com Version 3.0 2-1-2015 on Wed, 06 May 2015 04:03:09 GMT

Query Description:
ICD-9 codes beginning
with 250 were searched.

Analysis of codes found
within the search. In this
case ICD-9.

Analysis of the mapped
codes within the search.
In this case ICD-10.

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	ICD9 Diagnosis Codes Selected	ICD9 Diagnosis Codes Selected	Map To >>	ICD10 Diagnosis Codes Mapped	ICD10 Diagnosis Codes Mapped	
	Totals	Percentage		Totals	Percentage	Notes
GEM Analysis Summary for this SET						
Total Determinant Code(s)	30	75.00%	>>	45	48.91%	
Total Ambiguous Code(s)	10	25.00%	>>	47	51.09%	
Total Codes	40	100%	>>	92	100%	Total Unique ICD10 Diagnosis Codes = 47, Duplicate codes removed
Breakout of all DETERMINENT Maps	Totals	Percentage	Map To >>	Totals	Percentage	Notes
GEMS: 1 to 1 Code Mapping, GEM Equivalent Flag1 = 0	0	0.00%	>>	0	0.00%	
GEMS: 1 to 1 Code Mapping, GEM Approximate Flag1 = 1	15	37.50%	>>	15	16.30%	
GEMS: 1 to X Codes Maps, GEM Combination Flag3 = 1	15	37.50%	>>	30	32.61%	
Total Determinent Codes	30	75.00%	>>	45	49%	
Breakout of all AMBIGUOUS Maps	Totals	Percentage	Map To >>	Totals	Percentage	Notes
GEMS: 1 to 1 Code, must choose 1 from many , GEM Flag1 = 1	7	17.50%	>>	34	36.96%	
GEMS: 1 to X Codes, must choose many from many, GEM Flag3 = 1	3	7.50%	>>	13	14.13%	
GEMS: 1 to NONE, GEM NMap Flag2= 1	0	0.00%	>>	0	0.00%	
Total Ambiguous Codes	10	25.00%	>>	47	51%	



Estimator Feature

ICD Estimator

Query Description: Diagnosis 9 to 10 - GEM
 Search found 40 ICD9 Diagnosis record(s) where:
 ICD9 Diagnosis Validated and Sorted Search Code(s) begin with: 250
 Note: Description was not used to restrict selection
 Search found 92 ICD10 Diagnosis GEM mapping record(s)
 Mapped with GEMs Version 2015 by www.icdremediator.com Version 3.0 2-1-2015 on Wed, 06 May 2015 04:03:09 GMT

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Query Description:
ICD-9 codes beginning
with 250 were searched.

Analysis of codes found
within the search. In this
case ICD-9.

Estimate of effort to
review Remediator
Translator Mappings.

Estimate of effort to Map
codes Manually without
Remediator Translator.

GEM Analysis Summary for this SET	ICD9 Diagnosis Codes Selected	ICD9 Diagnosis Codes Selected	Map To >>	ICD10 Diagnosis Codes Mapped	ICD10 Diagnosis Codes Mapped	Remediator Review Estimate	Remediator Cost Estimate	Manual Review Estimate	Manual Cost Estimate	Notes
	Totals	Percentage		Totals	Percentage	in Hours	in Dollars	in Hours	in Dollars	
Total Determinent Code(s)	30	75.00%	>>	45	48.91%	0.69	37.95	2.75	151.25	
Total Ambiguous Code(s)	10	25.00%	>>	47	51.09%	1.09	59.95	4.13	227.15	
Total Codes	40	100%	>>	92	100%	1.78	97.9	6.88	378.4	Total Unique ICD10 Diagnosis Codes = 47, Duplicate codes removed
Breakout of all DETERMINENT Maps	Totals	Percentage	Map To >>	Totals	Percentage	in Hours	in Dollars	in Hours	in Dollars	Notes
GEMS: 1 to 1 Code Mapping, GEM Equivalent Flag1 = 0	0	0.00%	>>	0	0.00%	0	0	0	0	
GEMS: 1 to 1 Code Mapping, GEM Approximate Flag1 = 1	15	37.50%	>>	15	16.30%	0.19	10.45	0.75	41.25	
GEMS: 1 to X Codes Maps, GEM Combination Flag3 = 1	30	37.50%	>>	30	32.61%	0.5	27.5	2	110	
Total Determinent Codes	30	75.00%	>>	45	49%	0.69	37.95	2.75	151.25	
Breakout of all AMBIGUOUS Maps	Totals	Percentage	Map To >>	Totals	Percentage	in Hours	in Dollars	in Hours	in Dollars	Notes
GEMS: 1 to 1 Code, must choose 1 from many, GEM Flag1 = 1	7	17.50%	>>	34	36.96%	0.71	39.05	2.83	155.65	
GEMS: 1 to X Codes, must choose many from many, GEM Flag3 = 1	3	7.50%	>>	13	14.13%	0.38	20.9	1.3	71.5	
GEMS: 1 to NONE, GEM NOMap Flag2 = 1	0	0.00%	>>	0	0.00%	0	0	0	0	
Total Ambiguous Codes	10	25.00%	>>	47	51%	1.09	59.95	4.13	227.15	

Analysis of the mapped
codes within the search.
In this case ICD-10.



ICD Validator

Validator Search Code Errors:

Entry#:1 Code Not Valid=000.01 within Set=Translator
 Entry#:2 Code Not Valid=000.02 within Set=Translator
 Entry#:3 Code Not Valid=000.03 within Set=Translator
 Entry#:4 Code Not Valid=000.04 within Set=Translator
 Entry#:5 Code Not Valid=000.05 within Set=Translator
 Entry#:6 Code Not Valid=000.06 within Set=Translator
 Entry#:7 Code Not Valid=000.3 within Set=Translator
 Entry#:92 Code Not Valid=020.13 within Set=Translator
 Entry#:96 Code Not Valid=023.4 within Set=Translator
 Entry#:115 Code Not Valid=034.5 within Set=Translator
 Entry#:167 Code Not Valid=042.0 within Set=Translator
 Entry#:168 Code Not Valid=042.1 within Set=Translator
 Entry#:169 Code Not Valid=042.2 within Set=Translator
 Entry#:170 Code Not Valid=042.9 within Set=Translator
 Entry#:171 Code Not Valid=043.0 within Set=Translator
 Entry#:172 Code Not Valid=043.1 within Set=Translator
 Entry#:173 Code Not Valid=043.2 within Set=Translator
 Entry#:174 Code Not Valid=043.3 within Set=Translator
 Entry#:175 Code Not Valid=043.9 within Set=Translator
 Entry#:176 Code Not Valid=044.0 within Set=Translator
 Entry#:177 Code Not Valid=044.9 within Set=Translator
 Entry#:179 Code Not Valid=045.6 within Set=Translator
 Entry#:192 Code Not Valid=051.50 within Set=Translator
 Entry#:214 Code Not Valid=053.90 within Set=Translator
 Entry#:238 Code Not Valid=055.40 within Set=Translator
 Entry#:283 Code Not Valid=077.7 within Set=Translator
 Entry#:372 Code Not Valid=101.01 within Set=Translator
 Entry#:383 Code Not Valid=110.99 within Set=Translator
 Entry#:386 Code Not Valid=111.10 within Set=Translator
 Entry#:387 Code Not Valid=111.11 within Set=Translator
 Entry#:520 Code Not Valid=154.20 within Set=Translator
 Entry#:557 Code Not Valid=163.80 within Set=Translator
 Entry#:613 Code Not Valid=179.58 within Set=Translator

All Input Search Codes are Validated. Codes in Error are listed on the Search Code Errors Tab.

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ICD Validator

Validator All Search Codes:

Entry#:1 Code Not Valid=000.01 within Set=Translator
 Entry#:2 Code Not Valid=000.02 within Set=Translator
 Entry#:3 Code Not Valid=000.03 within Set=Translator
 Entry#:4 Code Not Valid=000.04 within Set=Translator
 Entry#:5 Code Not Valid=000.05 within Set=Translator
 Entry#:6 Code Not Valid=000.06 within Set=Translator
 Entry#:7 Code Not Valid=000.3 within Set=Translator
 Entry#:8 Partial Code Valid=001 within Set=Translator
 Entry#:9 Code Valid=001.9 within Set=Translator
 Entry#:10 Code Valid=002.0 within Set=Translator
 Entry#:11 Code Valid=002.9 within Set=Translator
 Entry#:12 Code Valid=003.0 within Set=Translator
 Entry#:13 Code Valid=003.1 within Set=Translator
 Entry#:14 Code Valid=003.9 within Set=Translator
 Entry#:15 Code Valid=004.3 within Set=Translator
 Entry#:16 Code Valid=004.9 within Set=Translator
 Entry#:17 Partial Code Valid=005 within Set=Translator
 Entry#:18 Code Valid=005.0 within Set=Translator
 Entry#:19 Partial Code Valid=005.8 within Set=Translator
 Entry#:20 Code Valid=005.9 within Set=Translator
 Entry#:21 Code Valid=006.0 within Set=Translator
 Entry#:22 Code Valid=006.1 within Set=Translator
 Entry#:23 Code Valid=006.3 within Set=Translator
 Entry#:24 Code Valid=006.9 within Set=Translator
 Entry#:25 Code Valid=007.0 within Set=Translator
 Entry#:26 Code Valid=007.1 within Set=Translator
 Entry#:27 Code Valid=007.2 within Set=Translator
 Entry#:28 Partial Code Valid=008 within Set=Translator
 Entry#:29 Partial Code Valid=008.0 within Set=Translator
 Entry#:30 Code Valid=008.00 within Set=Translator
 Entry#:31 Code Valid=008.01 within Set=Translator
 Entry#:32 Code Valid=008.03 within Set=Translator
 Entry#:33 Code Valid=008.04 within Set=Translator

All Input Search Codes both valid and invalid are listed on the All Search Codes Tab.

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