



## Core Measures Reporting Solution from Medisolv

Hospitals struggle to meet Joint Commission and CMS regulatory reporting requirements for Core Measures abstraction and submission. ENCOR automates many of the manual processes for Case Selection, Case Abstraction and Data Submission. ENCOR interfaces seamlessly with the MEDITECH Data Repository as a data source and IndiGO, another Medisolv application designed to support internal reporting and Balanced Scorecard automation.

## CMS/Joint Commission Measure Sets Supported

ENCOR supports all four mandatory Core Measure Sets including:

- Acute Myocardial Infarction
- Heart Failure
- Pneumonia
- SCIP

## Case Selection and Work List Generation

- Full integration with MEDITECH Data Repository to automatically select all Inpatient Discharges daily for Core Measures case selection
- Both Full submission and Sampling are supported
- Abtractor Work lists generated automatically or cases assigned to abstractors individually
- Management Dashboard to monitor overall Abstraction Status
- Reports for Abtractor Productivity



**Pneumonia Worksheet**

Pre Populated Data

- Admission date time at Hospital: 9/25/2008 5:43:00 AM
- Discharge date time from Hospital: 10/1/2008 2:16:00 PM
- Patient Birth Date: 12/13/1935 12:00:00 AM
- Duration of stay: 6
- Age: 73
- Discharge status: 01 - HOME
- ICD-9-CM principal diagnosis code(s): 486 - PNEUMONIA, ORGANISM NOS
- ICD-9-CM other diagnosis code(s):

Seq. ID	Diagnosis ID	Diagnosis Name
2	786.3	HEMOPTYSIS
3	428.0	CONGESTIVE HEART FAILURE NOS
4	427.31	ATRIAL FIBRILLATION
5	401.9	HYPERTENSION NOS
6	786.6	CHEST SWELLING/MASS/LUMP
7	786.09	RESPIRATORY ABNORM NEC
8	790.92	COAGULATION PROFILE, ABNORMAL
9	272.4	HYPERLIPIDEMIA NEC/NOS
10	715.89	OSTEOARTHRITIS-MULT SITE
11	794.31	ABNORM ELECTROCARDIOGRAM
12	278.01	MORBID OBESITY
13	V12.61	PERSONAL HISTORY, PNEUMONIA (RECURRENT)
14	V58.61	ANTICOAGULANTS,LT,CURRENT USE



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## Case Abstraction

- Smart abstraction worksheets are easy to use
- Automated population of key data
- Advanced skip logic speeds abstraction process
- In context help imbedded within questions
- Floating Tool bar tracks Status of all questions
- Future support for standardized Nursing Queries for Core Measures documentation at the point of care

## Data Submission

- Create XML ZIP submission files for each of the 4 measure sets with a single click
- Hospitals may submit files directly to CMS
- CMS submission through Medisolv is also an option
- Joint Commission Submission through Medisolv expected in 2009

## Internal Reporting and Balanced Scorecards

All report data flows to the IndiGO application designed to monitor hospital wide Key Performance Indicators (KPI's) in a Balanced Score Card with automated color coding for user defined goal tracking. Core Measures are an important component of any Hospital Balanced Scorecard in addition to other patient safety and quality indicators. Hospitals can monitor Core Measures performance on a more timely basis, permitting staff to make adjustments long before CMS sees results.



Release Notes:  
Measure Information Form  
Version 2.4

PNEUMONIA NATIONAL QUALITY MEASURES

Set Measure ID #	Measure Short Name
PN-1	Oxygenation Assessment
PN-2	Pneumococcal Vaccination
PN-3a	Blood Cultures Performed Within 24 Hours Prior to or 24 Hours After Hospital Arrival for Patients Who Were Transferred or Admitted to the ICU Within 24 Hours of Hospital Arrival
PN-3b	Blood Cultures Performed in the Emergency Department Prior to Initial Antibiotic Received in Hospital
PN-4	Adult Smoking Cessation Advice/Counseling
PN-5 <sup>2</sup>	Antibiotic Timing (Median)
PN-5a <sup>2</sup>	Initial Antibiotic Received Within 8 Hours of Hospital Arrival - RETIRED
PN-5b	Initial Antibiotic Received Within 4 Hours of Hospital Arrival

Quality	CMS	Financial Indicators	Board Of Directors	JCAHO Indicators	NY State Indicators	Nursing Dashboard													
						Trend	2007	2008	Dec 2007	Jan 2008	Feb 2008	Mar 2008	Apr 2008	May 2008	Jun 2008	Jul 2008	Aug 2008	Sep 2008	Oct 2008
CONGESTIVE HEART FAILURE MORTALITY RATE (IQI 16)	↘	4.44	3.03	0.00	0.00	0.00	14.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DECUBITUS ULCER (PSI 3)	↘	68.29	43.29	30.00	34.33	0.00	38.46	117.63	0.00	30.00	38.46	148.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOREIGN BODY LEFT DURING PROCEDURE (PSI 5 AND 21)	→	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GASTROINTESTINAL HEMORRHAGE MORTALITY RATE (IQI 18)	→	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIP APPROPRIATE PROPHYLACTIC ANTIBIOTICS - COLON SURGERY	↗	95.83	92.74	85.71	95.83	80.93	90.00	100.00	90.48	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIP APPROPRIATE PROPHYLACTIC ANTIBIOTICS - HIP & KNEE SURGERY (DRG 209)	↗	98.88	98.36	100.00	97.42	97.30	99.34	98.77	99.42	97.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIP APPROPRIATE PROPHYLACTIC ANTIBIOTICS - OTHER SURGERY	↗	98.80	99.05	96.77	93.94	97.83	98.04	99.01	99.50	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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