# Using Facets of Midas+ Hospital Case Management to Support Transitions of Care

Barbara Craig, Midas+ SaaS Advisor







# What does Transitional Care Include?

Transitional Care is the smooth conversion of a patient from one care setting to another setting or to home. It involves patients moving from:

- Emergency Room to Hospital Observation
- Emergency Room to Hospital Inpatient
- Hospital Observation to Inpatient
- Inpatient to Skilled Care
- Inpatient to Sub-Acute Care
- Inpatient to Home Health
- Inpatient to Home
- Skilled Care to Acute Care Hospital
- Sub-Acute Care to Acute Care
- Sub-Acute Care to Home
- Skilled Care to Home



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# What is the impetus to do this right?

- Improved patient outcomes
- Appropriate patient placement
- Reduced length of stay
- Improved patient satisfaction
- Improved information flow between providers
- Financial dis-incentives
- Incomplete hand-offs of care are a patient safety issue







# What needs to be done?

- Assure patients are in an appropriate level of care
- Identify high-risk patients on admission and target risk-specific interventions
- Assess patients ability to provide self-care post discharge
- Educate patients and families on post-acute care
- Coordinate post-discharge care
- Follow up on at-risk patients
- Communicate with post-discharge providers





# **Current Models**

#### • BOOST - Better Outcomes for Older Adults through Safe Transitions

- Care Transitions Model
- Society for Hospital Medicine
- Care Transitions
  - 4 Pillars
  - Coleman Method

#### • STAAR - State Action on Avoidable Rehospitalizations

- IHI
- AHRQ
- Care Coordination Model IHI
- CGH2H -Common Ground Hospital to Home
- **SMART** Signs, Medications, Appointments, Results, Talk
- Transitional Care Model (TCM) Mary Naylor University of Pennsylvania
- GRACE Geriatric Resources for Assessment and Care of Elders Indiana University for Aging Research
- **Guided Care** Johns Hopkins University
- Bridge Program Illinois Transitional Care Consortium
- COMPASS Organized Medicine Provided Across a Seamless System



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# Midas+ Facets

- Preadmission Interventions
- Pre-discharge Interventions
- Post-discharge Interventions
- Outcome metrics









# **Pre-Admission Interventions**

Use of Midas+ Care Management in the Emergency Department



# Reason for ED Case Management

- Emergency Department as primary care source
- Appropriate patient placement
- Identification of social issues that lead to overuse of the ED
- Lack of coordination with outpatient providers
- Providing alternatives to hospitalization







# Identifying Frequent Users of Emergency Department Services

- Use Patient Explorer
- Patients with no identified PCP
- Patients with chronic Illness
- Patients with chronic pain
- Patients with drug-seeking behavior
- Patients with no insurance
- Patients with poor social support networks







# Use a Midas+ Tracking File to track and plan for frequent ED users

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# Use a Midas+ Patient-level Focus Study to create a plan track for these frequent fliers.

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4/8/2014				
Comments Patient will need dietary today. Cab arranged to	r counseling, a medical home, and shelter. XYZ Men's Shelter will assist. A o transport patient from XYZ Shelter to St. Martin's Clinic on 4/10/2014. P	ppointment scheduled for clinic. Cab arranged atient understands plan, and has been given wr	to transport patient from hospital ED to XYZ Shelter	





## **Using Concurrent Review**

# Concurrent Reviews can be done for ED patients for whom admission/observation is being considered.

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#### Using Screening Criteria - Milliman

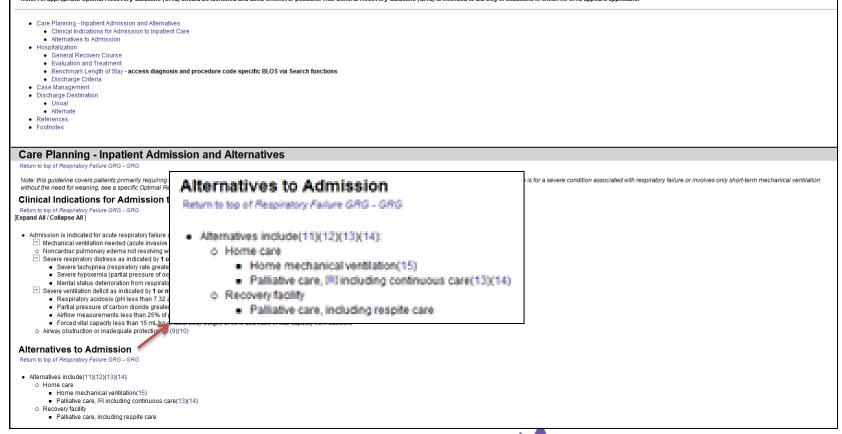
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GRG: PG-RF (ISC GRG)

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MCG™ General Recovery Care 17th Edition Medical Admission Case Management GRG ௴ GRG

Note: An appropriate Optimal Recovery Guideline (ORG) should be identified and used whenever possible. This General Recovery Guideline (GRG) is intended to aid only in situations in which no ORG appears applicable.





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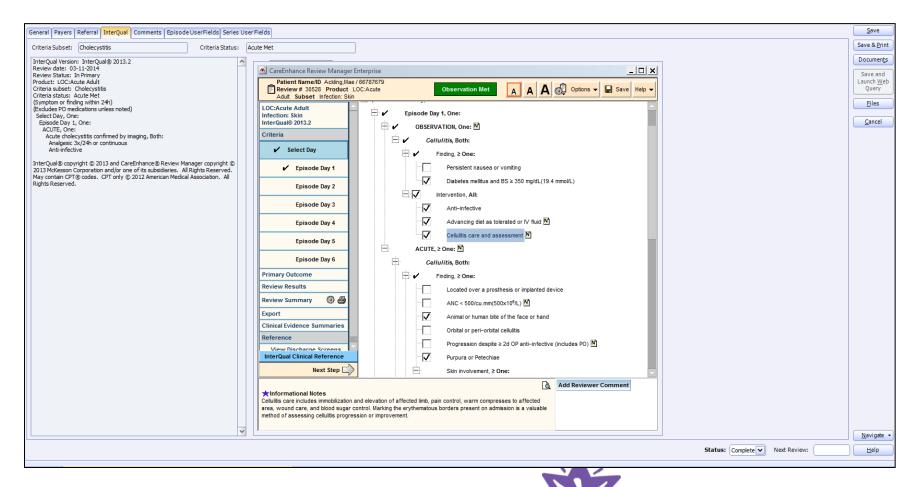
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## Use Criteria to assist with determining Observation vs. Acute Care Admissions





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### Using Screening Criteria - CERME

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Patient Name/ID Ackling,Mae / Review # New Review Prod Adult Subset Transition Plan	
LOC:Acute Adult Transition Plan	SUBACUTE CARE (SAC)
InterQual® 2013.2	Lower level of care inappropriate
Transition Plan	Outpatient or home care services unavailable or inappropriate due to clinical complexity
Risk factors for readmission	Patient or caregiver unable to manage care:
Expected Discharge	Skilled service required for assessment, treatment, monitoring, or education
Level of Care	Medical practitioner oversight at least 2 times per week
HOME	Nursing 4h or more per day or skilled therapy 2-3h per day at least 5d per week
HOME CARE	SAC facility available
HOME CARE	Provide information to patient or caregiver
SKILLED NURSING FACILITY (SNF)	Review site information or visit site
SUBACUTE CARE (SAC)	Complete prior to facility transfer
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## Tracking Actions and Alternatives to Hospital Admission

- Referral to Chronic Care Manager
- Referral to Primary Care Source
  - Internal Clinics
  - Community Clinics
- Homeless Shelters
- Prescriptions
- Transportation
- Home Health





## Using the Emergency Department Module

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### Create User Fields for the ED Module

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# **Pre-Discharge Interventions**

#### Use of Midas+ Hospital Case Management



### General Goals for Hospital Case Management

- Reduction in LOS
- Reduction in readmissions
- Prevention of additional complications
- Patient transfer to an appropriate level of post-discharge care
- Increased patient satisfaction
- Increased patient/caregiver understanding and competence managing disease
- Prevention of post-discharge adverse outcomes
- Improvement in patient safety
- Improved communication between hospital and postdischarge providers







# **Specific Pre-discharge Strategies**

- Assessment of patient for discharge risk
- Patient/family involvement care during stay
- Creation of an individualized discharge plan
- Teach-back Techniques
- Medication Reconciliation
- Discharge Case Manager/Planner
- Communication with post-discharge providers







# Focus on Patients

- With chronic illnesses (physical and mental)
- With no PCP or Medical Home
- With no primary caregivers/complex social needs
- With limited cognitive abilities
- With targeted/high-risk conditions
  - Acute Myocardial Infarction
  - Pneumonia
  - Congestive Heart Failure
  - COPD
  - Total Hip Replacement
  - Total Knee Replacement



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# Midas+ Modules to Assist with Pre-discharge Assessments

#### Hospital Case Management

- Concurrent Review
- Support Services
- Discharge Planning

**Encounter Subsystem** 

- Observation Module
- **Registration Subsystem** 
  - Medical History
  - Medical History Problem List







# **Patient Handout**

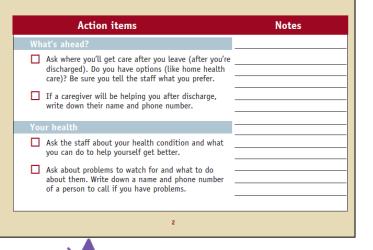
#### Your Discharge Planning Checklist:

For patients and their caregivers preparing to leave a hospital, nursing home, or other care setting



#### 

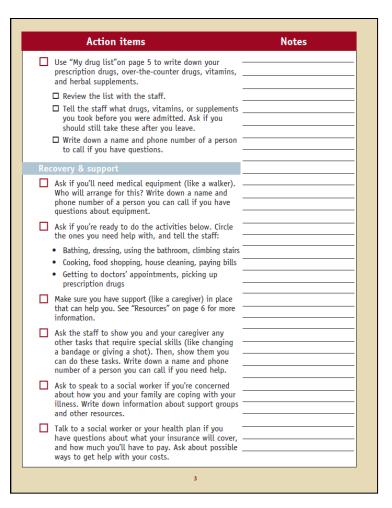
• Skip any items that don't apply to you.







## **Patient Handout**



Action items	Notes
Ask for written discharge instructions (that you can read and understand) and a summary of your current health status. Bring this information and your completed "My drug list" to your follow-up appointments.	
Use "My appointments" on page 5 to write down any appointments and tests you'll need in the next several weeks.	
For the caregiver	
Do you have any questions about the items on this checklist or on the discharge instructions? Write them down, and discuss them with the staff.	
Can you give the patient the help he or she needs?	
What tasks do you need help with?	
<ul> <li>Do you need any education or training?</li> <li>Talk to the staff about getting the help you need before discharge.</li> </ul>	
Write down a name and phone number of a person you can call if you have questions.	
Get prescriptions and any special diet instructions early, so you won't have to make extra trips after discharge.	

- Talk to the staff.
- Visit Medicare.gov to compare the quality of home health agencies, nursing homes, dialysis
  facilities, and hospitals in your area.
- Call 1-800-MEDICARE (1-800-633-4227). TTY users should call 1-877-486-2048.

If you think you're being asked to leave a hospital or other health care setting (discharged) too soon: You may have the right to ask for a review of the discharge decision by an independent reviewer called a Quality Improvement Organization (OIO) before you leave. To get the phone number for the QIO in your state, visit Medicare.gov/contacts, or call 1-800-MEDICARE. You can also ask the staff for this information. If you're in a hospital, the staff should give you anotice called "Important Message from Medicare," which contains information on your state QIO. If you don't get this notice, ask for it.

For more information on your right to appeal, visit Medicare.gov/appeals, or visit Medicare.gov/publications to view the booklet "Medicare Appeals."





#### **Universal Patient Discharge Checklist**



The 8Ps:

#### Assessing Your Patient's Risk For Adverse Events After Discharge

Risk Assessment: 8P Screening Tool (Check all that apply.)	Risk Specific Intervention	Signature of individual responsible for insuring intervention administered
Problems with medications (polypharmacy – i.e. ≥10 routine meds – or high risk medication including: anticoagulants, insulin, oral hypoglycemic agents, aspirin & clopidogrel dual therapy, digoxin, narcotics)	<ul> <li>Medication specific education using Teach Back provided to patient and caregiver</li> <li>Monitoring plan developed and communicated to patient and aftercare providers, where relevant (e.g. warfarin, digoxin and insulin)</li> <li>Specific strategies for managing adverse drug events reviewed with patient/caregiver</li> <li>Elimination of unnecessary medications</li> <li>Simplification of medication scheduling to improve adherence</li> <li>Follow-up phone call at 72 hours to assess adherence and complications</li> </ul>	
Psychological (depression screen positive or history of depression diagnosis)	<ul> <li>Assessment of need for psychiatric care if not in place</li> <li>Communication with primary care provider, highlighting this issue if new</li> <li>Involvement/awareness of support network insured</li> </ul>	
Principal diagnosis (cancer, stroke, DM, COPD, heart failure)	<ul> <li>Review of national discharge guidelines, where available</li> <li>Disease specific education using Teach Back with patient/caregiver</li> <li>Action plan reviewed with patient/caregivers regarding what to do and who to contact in the event of worsening or new symptoms</li> <li>Discuss goals of care and chronic illness model discussed with patient/caregiver</li> </ul>	
Physical limitations (patients with deconditioning, frailty, or other physical limitations that impair their ability to participate in their own care)	<ul> <li>Engage family/caregivers to ensure ability to assist with post-discharge care assistance</li> <li>Assessment of home services to address limitations and care needs</li> <li>Follow-up phone call at 72 hours to assess ability to adhere to the care plan with services and support in place.</li> </ul>	
Poor health literacy (inability to do Teach Back)	<ul> <li>Committed caregiver involved in planning/administration of all discharge planning and general and risk specific interventions</li> <li>Post-hospital care plan education using Teach Back provided to patient and caregiver</li> <li>Link to community resources for additional patient/caregiver support</li> <li>Follow-up phone call at 72 hours to assess adherence and complications</li> </ul>	
Patient support (social isolation, absence of support to assist with care, as well as insufficient or absent connection with primary care)	<ul> <li>Follow-up phone call at 72 hours to assess condition, adherence and complications</li> <li>Follow-up appointment with appropriate medical provider within 7 days after hospitalization</li> <li>Involvement of home care providers of services with clear communications of discharge plan to those providers</li> <li>Engage a transition coach</li> </ul>	
Prior hospitalization (non-elective: in last 6 months)	<ul> <li>Review reasons for re-hospitalization in context of prior hospitalization</li> <li>Follow-up phone call at 72 hours to assess condition, adherence and complications</li> <li>Follow-up appointment with medical provider within 7 days of hospital discharge</li> <li>Engage a transition coach</li> </ul>	
Palliative care (Would you be surprised if this patient died in the next year? Does this patient have an advanced or progressive serious illness? "No" to 1 <sup>st</sup> or "Yes" to 2 <sup>nd</sup> = positive screen) □	<ul> <li>Assess need for palliative care services</li> <li>Identify goals of care and therapeutic options</li> <li>Communicate prognosis with patient/family/caregiver</li> <li>Assess and address concerning symptoms</li> <li>Identify services or benefits available to patients based on advanced disease status</li> <li>Discuss with patient/caregiver role of palliative care services and the benefits and services available to the patient</li> </ul>	

# Coleman Model Four Pillars

- 1. Medication Self-management
- 2. Patient uses a Personal Health Record to facilitate communication and ensure continuity across providers and setting
- 3. Follow Up: Patient schedules and completes follow-up visit with PCP
- Patient recognizes "red flags" about worsening conditions and understands how to respond







## Proven Successes: Teach-back Technique







## **Teach-back Techniques**

Teach-Back		
Symptoms		
Patient verbalizes signs of worsening condition:	C Yes C No	
Patent verbalizes when to call MD or go ED:	C Yes C No	
Did CM need to repeat/re-teach about signs and symptoms?	C Yes C No	
Comments regarding Teach-Back of Signs and Symptoms:		ABC
		-
		<u>·</u>
Medicaton Self-management		
Patient verbalizes correct medication dosages and schedule:	C Yes C No	
Patient verbalizes possible side effects of medication:	C Yes C No	
Patient verbalizes food and drug interactions with medications:	C Yes C No C N/A € <blank></blank>	
Did CM need to repeat/re-teach about self-medications:	C Yes C No	
Comments regarding Teach-Back of Medications:		ABC
		-
		_
Self-Care Understanding		
Patient verbalizes self care regarding:		
	<b>_</b>	
Patient verbalizes where to get supplies:	C Yes C No C N/A C <bank></bank>	
Did CM need to repeat/reteach about self-care?	C Yes C No	
Comments regarding Teach-Back of self-care:		ABC
		_
Follow-Up Appointments		
Patient verbalizes the dates and locations of C Yes C No all follow-up appointments:		





# Patient Pass (BOOST)

was in the hospital because		
I have the following problems       1.       2.       3.       4.       5.	I should 1 2 3 4 5	Important contact information:  1. My primary doctor:  2. My hospital doctor:  3. My visiting nurse:  4. My pharmacy:
y appointments: On: _/_/at:am/pm For: On: _/_/at:am/pm For: On: _/_/at:am/pm For: On: _/_/at:am/pm For:	Tests and issues I need to talk with my doctor(s) about at my clinic visit:         1.         2.         3.         4.         5.	5. Other:





# **BOOST Patient Pass**

If I have the following problems	5	Then I should	
1.		1.	
2.		2.	
3.		3.	
4.		4.	
5.		5.	
Turner and a start of the formation			
Important contact informat			
My primary doctor:	Phone:		
My hospital doctor:	Phone:		
My visiting nurse:	Phone;		
My pharmacy:	Phone:		
Other:	Phone:		
My Appointments Appointment 1:	When:		
Appointment 2:	When:		
Appointment 3:	When:		
Appointment 4:	When:		



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# BOOST Patient Pass as ReporTrack Document

	4/25/2014	
PATIENT DISCHARGE PLAN FO	R: Borgus, Michael HOSPITAL DISCHARGE DATE: 01/18/2014	
l was in the hospital because:		
If I have the following prob	lems: Then I should:	Important Contact Information
l get short of breath	Rest, and call my primary care doctor if it gets worse	My primary care doctor:
l get fluid in my legs	Keep my feet elevated.	Johnathan Perez
l get fluid build up in my lungs	Weigh myselfdaily. If my weight is up 2 lbs, call my PCP	(520) 444-4444
My appointments		My hospital doctor:
Dr. Perez, Marana Clinic 01/2	0/2014 at 2:00pm	Margaret Maloney
Dr. Chang, 1500 N. Broadway	02/03/2014 at 9:00am	(520) 333-3333
Tests and Issues I need to t	alk with my doctor about at my next clinic visit	My visiting nurse:
My current medications (brin	g with you to all appointments)	None
A list of my blood pressures ta	iken everyday	My pharmacy:
A list of my daily weights		Walgreens
Other Instructions		(520) 555-5555
Do not use any added salt.		Other:
		Paul Chang, Cardiologist
l understand my treatment pl	an. I feel able and willing to participate actively in my care.	(520) 777-7777
	·	



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# Referrals HCM to a Transitional Care Coach

### FROM:

- Concurrent Review
- Support Services
- Discharge Planning
- Medical History







## Referrals to TCC: Concurrent Review Use Concurrent Review to Identify Targeted Readmission Diagnoses

	3/20/2014 Review Time: 10:43 Af			/2014	
leview By:	Clark,Barb	Level of	Care: Acut	e	
Review Location:	3300 East	Review (	Category: Disch	arge	
Severity *			nsity		<b>^</b>
Admission Review Reason: Diagnostic Catego	Targeted Readmission Prevention	Pioriti	ize:		~
blagnobile cuteg.		Hi *	gh-Risk Diagnos		~
HCM Diagnosis:			gh-Risk Diagnos		•
			gh-Risk Diagnos		
HCM Diagnosis:			gh-Risk Diagnos		
HCM Diagnosis: HCM Procedure:			gh-Risk Diagnos		



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# Using Support Services to Generate Follow-up

General Comme	ents Episode UserFields Series User Fields		
Date Entered:	4/8/2014	Case Worker: Clark,Barb	
Туре:	Transitional Care Coaching	Case Hrs: Worklist Date. 4/8/2014	J
	Service	Frequency: protocol Time: 12:43 PM	
	Education & Counseling - Other		
	*		
	×		
Payer:	Self-Pay	Referral Status:	
Region:		Completed:	

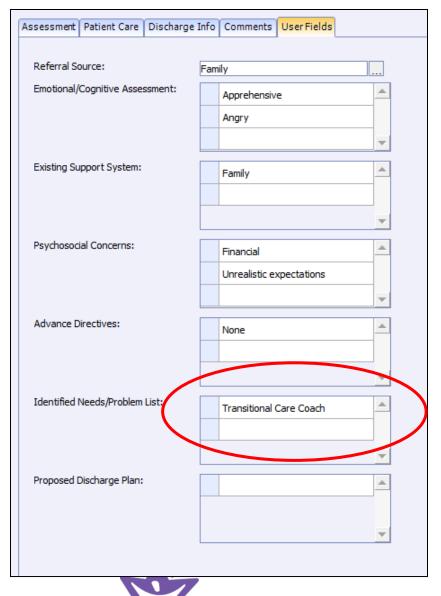








Using Discharge Planning to Generate Follow-up with Transitional Care Manager





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## **Observation Module**

渣 File Edit	View Fu	inction	SmartN	1enu T	ools	Window He	lp							
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General Discharg	ge DX/Proced	lures Co	omments	User Fiel	ds									
Start Date:	1/17/2013	St	tart Time:	11:30 AM	1	Elapsed Time:	49:54	ŧ						
End Date:	1/19/2013	Er	nd Time:	1:24 PM	5									
Attending Phys.:	Jones,Hilary	y Kathleer	n			Principal Payer	: Partne	ers Health Plan	3					
Admitting Phys.:	Atkins,Susa	n Alene				Secondary Pay	er:							
Disposition:	Discharge													
Location:	2200 East					Room:	2234							
Complaint:	Chest Pain													
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	das	, + <sup>10</sup>				/lidas+ Clinical							xero	x 🌔

®

# **Medical History**

🔊 File Edit View Function SmartMenu Tools	Window Help	
Name: Borgus,Michael D0B/Sex:	11/27/1948 65Y / M MRN: 6765-556	E +
General Medications/Diagnostic Tests		
Allergy     Date     Reactive       Demerol     1/1/1999     Restle       Iodine     1/2/1988     Anaph       *	ssness	> E +
	General Medications/Diagnostic Tests	
Immunization       Date         ▶       Flu Vaccine       11/1/2013         Diptheria, Tetanus, Petussis       2/14/2012         ★	Medication       Dose       Frequency       Route       Start Date       End Date       Physician         Digoxin       125 MCG       BID       PO       7/2/2013       Jones,Hilary Kathleen         Furosemide       40MG       BID       PO       5/25/2013       Jones,Hilary Kathleen         *               Øigoxin       Text             *               Øigoxic Test       Date       Result            Serum Creatine       1/29/2014       1.7	
idas+"	Midas+ Annual Symposium Clinical & Application Effectiveness	xerox 🄊 °

# **Medical History Problem List**

Procedure       Date       Status         96.05 Resp tract intubat NEC       3/7/2014       Resolved         V       V         Patient-Identified Illness       Date       Status
Enc. Date       Facility       Diagnosis/Procedure       Add to         3/7/2014       Midas Medical Center       459.3 Chr Venous Hypertension       Add to         3/7/2014       Midas Medical Center       N39.0 Urinary tract infection, site not specified       Problem         3/7/2014       Midas Medical Center       87.49 Chest x-ray NEC       V         3/7/2014       Midas Medical Center       87.49 Chest x-ray NEC       V         9roblem List       Midae Medical Center       87.49 Chest x-ray NEC       V         Problem List       Midae Medical Center       3/7/2014       Chronic         428.21 Ac systolic htt failure       3/7/2014       Chronic       V         428.20 Systolic htt failure NOS       2/16/2014       Major       V         428.20 Systolic Heart Failure       1/14/2014       V       V         Procedure       Date       Status       V         96.05 Resp tract intubat NEC       3/7/2014       Resolved       V         V       Patient-Identified Illness       Date       Status       V         Patient-Identified Illness       Date       Status       V
Problem List       Diagnosis       Date       Status         428.21 Ac systolic hrt failure       3/7/2014       Chronic         428.20 Systolic hrt failure NOS       2/16/2014       Major         428.20 Systolic Heart Failure       1/14/2014       V         Procedure       Date       Status          96.05 Resp tract intubat NEC       3/7/2014       Resolved          Patient-Identified Illness       Date       Status          Heart Failure       5/11/2013       Chronic
428.20 Systolic htt failure NOS       2/16/2014       Major         428.20 Systolic Heart Failure       1/14/2014       Y         Procedure       Date       Status         96.05 Resp tract intubat NEC       3/7/2014       Resolved         Patient-Identified Illness       Date       Status         Heart Failure       5/11/2013       Chronic
96.05 Resp tract intubat NEC       3/7/2014       Resolved         Patient-Identified Illness       Date       Status          Heart Failure       5/11/2013       Chronic
Patient-Identified Illness     Date     Status       Heart Failure     5/11/2013     Chronic
Heart Failure     5/11/2013     Chronic







# **Medical History User Fields**

渣 File	Edit View	Function	SmartMenu	Tools	Window	Help								
Name:	Borgus,	Michael	D0B/Se	ex: 1	1/27/194	48 65Y / M	MR	N:	6765-556				2	• E +
General	General Medications/Diagnostic Tests User Fields													
care m Date re	t needs chronic lanager for: eferred to chroni lanager:		atric Conditions		×									







### Coordination with Postdischarge Providers



3/26/2014

Dear Dr. Jones,

I have been following your patient, Michael Borgus, since discharge from Midas Medical Center on 03/09/2014. My most recent telephone assessment of this patient on 03/11/2014 revealed the following:

Assessment Type: Initial

The patient reports:

Increasing shortness of breath? N

Increasing weakness or tiredness? Y

Increased swelling of the ankles? Y

Sleep position? Lying Down

Number of times up to urinate during the night = 4

Weight gain of more than 2 lbs per day or 5 lbs per week? The patient has not been weighing himself.

Last Reported Blood Pressure: 144/88

Have they missed any prescribed medications? Y

Comments:

Patient is cooperative and happy to be at home.

The patient reports a next follow up visit with you on: 03/14/2014

I plan on conducting another telephone assessment of this patient on: 03/17/2014

Please do not hesitate to call me if I can be of assistance in our shared responsibility of keeping this patient healthy and out of the hospital.

Sincerely,

Kathy Conner

Transitional Case Manager

600-777-8888 (cell phone)



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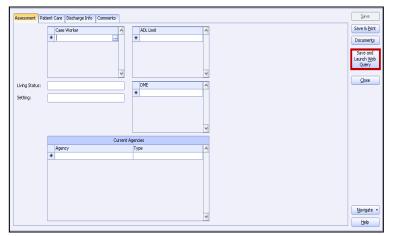


### Four Launch Points from Midas+

#### **Concurrent Review**

General Payers Referral InterQual MCAP Miliman Comm	ents Episode User Fields Series User Fields	Save
Review Date: Review Time:	Care Date:	Save & Print
Review By:	Level of Care:	Documents
Review Location:	Review Cakegory:	Save and Launch <u>W</u> eb Query
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- Series Fields Common Across Reviews	Priorbize:	Cancel
Diagnostic Category:	Reason for Priority	
HCM Diagnosis:		
HCM Procedure:		
DRG:		
Length of Stay	Outler:	
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	Status: Next Review: 4/23/2013	Help

#### **Discharge Planning**



#### **Certification Entry**

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Authorization No.: Service Start:	
Insurance No.: Service End: Total Cert. Days:	
Certifications	
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#### **Support Services**

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	Service	A Frequer	cy: Time:	Documents
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# Curaspan







### Curaspan and Midas+

Leading provider of patient transition solutions



Leading provider of care performance software

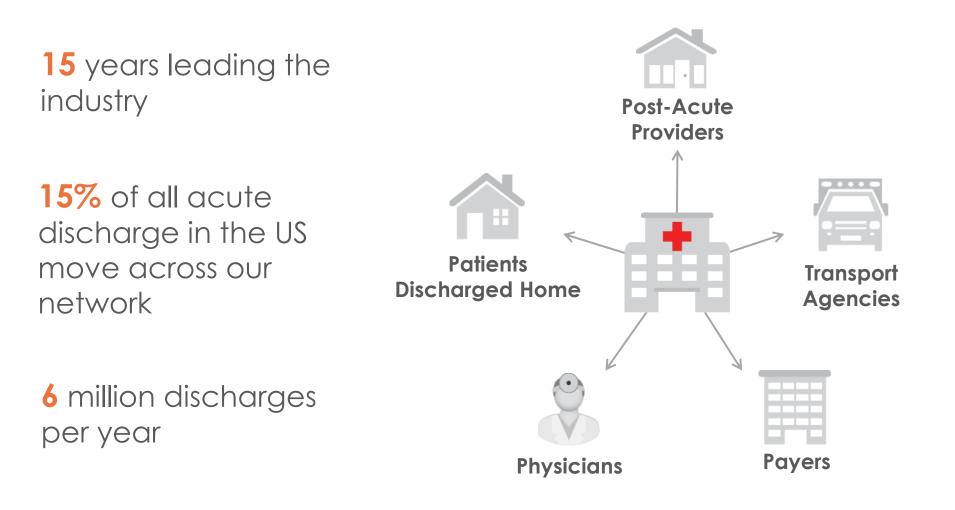


10+ year partnership

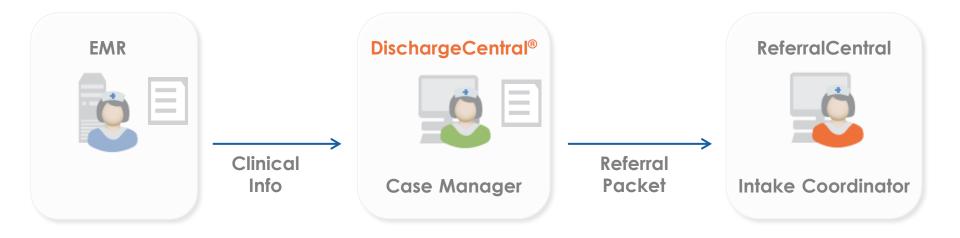
Nearly 350 shared customers

### Curaspan Powers Care Transitions

Care Transition: "The movement of a patient from one setting of care to another."



## Automate. Collaborate. Optimize.



- Streamline and automate manual, administrative tasks
- Easily identify qualified post-acute care providers
- Securely share clinical information in real-time
- Gather key metrics on internal hospital processes and external provider performances

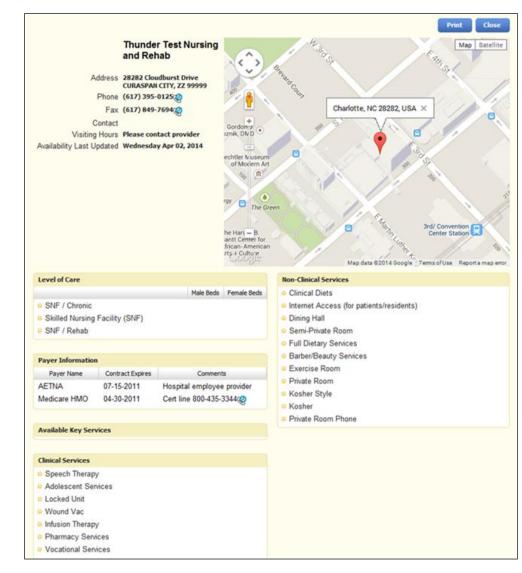
#### Save Time with Pre-populated Forms

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Gold, Mon	ica 🖸 👔	🗹 🖹 🗣 📠				Estimated Discharge:*	04-18-2014 📖
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Forms	Doc	uments					
Forms (Atta	ched forms are	e viewable by post-acute providers)					
Attach		Form Name	•	Last Edit Date	Form Complete	Comp	lete Date
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	📄 Discharge	Transfer Form (10/2008)					=
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	Home Car	e Intake Form (11/2007)					
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#### Search for Available and Qualified Providers

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Gold, Mo	onica 🛃 👔 🗾 🖉 📠						Estimat	ed Discharge:*	04-18-2014 📖
Intake	Assessment Matching mpl	ementa	tion 🌡 🖓 Discharge						
Search fo	or Matching Providers	80	Match Results 0 Selected	Select All   Clear					
POS*	NEEDS A BED	F	Create Provider Matching List	Add to My Scratch Pad	Send Booking	Request	)	📋 View M	ly Scratch Pad
Level*	Skilled Nursing Facility (SI		Provider N	Name	Distance	Info	Avail	Notifica	ation
Key Services	Joint Commission		Thunder Test Nursing and R	ehab		0	yes	Notified	
Jer vices	Isolation Ventilator Weaning		ReferralCentral Critical Care	Provider		0	yes	Notified	
	Match all selected key services		ReferralCentral Skilled Nurs	ing Facility		0	n/a	Notified	
Provider			Sunnyside Test Nursing Ho	me		0	n/a	Connected	
			ACME Demo Nursing Care	Center		0	n/a	Connected	
State	ZZ		Test Darragh SNF			0	n/a	Connected	
County	Curaspan		Test Chronic Care Provider			0	n/a	Connected	
City Or	All		NDM Test Healthcare Cente	۱		0	n/a	Connected	
L	Search Entire State		Test Demo Rehab Center	-		0	n/a	Connected	
ZIP	No ZIP Selected		Test Cayer Nursing Home			0	n/a	Connected	
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	In Hospital Network		Test Assisted Living			•			
Mor	re Options Search		Demo Clinic One			0	n/a	Connected	
1401	Scarca		Curaspan Happy Days Nurs	ing Home		0	n/a	Connected	
			Rocky Mountain SNF Demo	)		0	n/a	Connected	

#### Share Detailed Provider Profiles



### Send Referral Packets to Multiple Providers Simultaneously

Cura	aspan. Boston Garden	Hospi	ital					0 Alerts 👻
Get C	nnected.® Discharge Doc Mgr	Revi	iew Reports					Logged in for: 0 hr. 20 min. 14 sec.
🔶 Returi	n to Workbook					Help	My A	ccount   Home   Log Out
Gold, Mo	onica 🖆 👔 🗹 🗈 🕢 📾						Estimat	ed Discharge:* 04-18-2014 📖
Intake	Assessment Matching Implem	nentat	tion 🖓 🕸 Discharge					
Search f	or Matching Providers	80 1	Match Results 0 Selected	Select All   Clear				
POS*	NEEDS A BED	F	Create Provider Matching List	Add to My Scratch Pad	Send Booking	g Request		🖆 View My Scratch Pad
Level*	Skilled Nursing Facility (St		Provider N	lame	Distance	Info	Avail	Notification
Key Services	Joint Commission		Thunder Test Nursing and R	ehab		0	yes	Notified
00111000	Isolation Ventilator Weaning		ReferralCentral Critical Care	Provider		0	yes	Notified
	Match all selected key services		ReferralCentral Skilled Nursi	ing Facility		0	n/a	Notified
Provider			Sunnyside Test Nursing Hor	me		0	n/a	Connected
			ACME Demo Nursing Care	Center		0	n/a	Connected
State	ZZ 💌		Test Darragh SNF			0	n/a	Connected
County	Curaspan		Test Chronic Care Provider			0	n/a	Connected
City Or			NDM Test Healthcare Cente	r		0	n/a	Connected
L	Search Entire State		Test Demo Rehab Center			0	n/a	Connected
ZIP	No ZIP Selected		Test Cayer Nursing Home			0	n/a	Connected
Distance	No Range Selected		Test Assisted Living			0	n/a	Connected
	In Hospital Network		Demo Clinic One			6	n/a	Connected
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				-		-		
			Rocky Mountain SNF Demo	)		0	n/a	Connected

### View All Referral Activity in One Place

Curaspan. Boston Ga	rden Hospital				0 Alerts 👻
Get Connected® Discharge Doc	Mgr Review Reports			Logged in for:	0 hr. 24 min. 25 sec.
Return to Workbook			Help   M	ly Account   Ho	me   Log Out
Gold, Monica 🗹 👔 🖅 🗐			Esti	mated Discharge:*	04-18-2014 📖
	mplementation	e			
Provider Status: Select One	•				
Connected Provider(s)					
				Book Referr	al Send Message
Connected Providers	Status	Provider Status	Msg	Act	ion
1 Thunder Test Nursing and Rehab	Booked on 04-02-14 21:13	Accept on 04-02-14 21:03		Message & Actions	Notification Log
1 ReferralCentral Critical Care Provider	Notified on 04-02-14 20:49	No Response Submitted		Message & Actions	Notification Log
1 ReferralCentral Skilled Nursing Facility	Notified on 04-02-14 20:49	No Response Submitted		Message & Actions	Notification Log
Unconnected Provider(s)					Send Fax
Providers	Phone Number	Provider Status	Action		
Appletree Test Care Center	(617) 395-0125@	QuickCase Accepted on 04-02-14 21:08	Send Fax	Notes and Status	Fax History
Business Central Provider	(617) 395-0125@	QuickCase Pending on 04-02-14 20:49	Send Fax	Notes and Status	Fax History
Outbound Faxes (off-line providers, p	ayers, doctors and agencies)	* Attachments			
* Organization Type Select One	•	Document Name	Receipt Date	Last Upda	ate Date
* Organization Name	•		Receipt Date		

### Communicate with Providers Securely

Gold, Monica booking Notes:	request with Thur	der Test Nursing and Rehab		Send
			Communication history with this booki	ng request
			Status changed from Notified to Booked	• 04-02-14 21:13 PM By Cheri Bankston
Update Message Status Message Only	s •		Ambulance is picking patient up at noon. Thanks	04-02-14 21:13 PM By Cheri Bankston
Select a Status Message Only			Bed Ready- let us know when patient is leaving.	E 04-02-14 21:03 PM By Cheri Bankston
Cancel	rsing and Rehab killed Nursing	ReferralCentral Critical Care Provider	Status changed from Received to Accept	04-02-14 21:03 PM By Cheri Bankston
Suspend Delayed EDD			We have a bed today. Please let us know if patient would arrive before noon.	04-02-14 21:02 PM By Cheri Bankston
Clinical Update Re-open Referral		Select All   Clear All	Status changed from No Response to	04-02-14 21:01 PM By Cheri Bankston
			Status changed from No Response to Received	
		Send Cano	el	

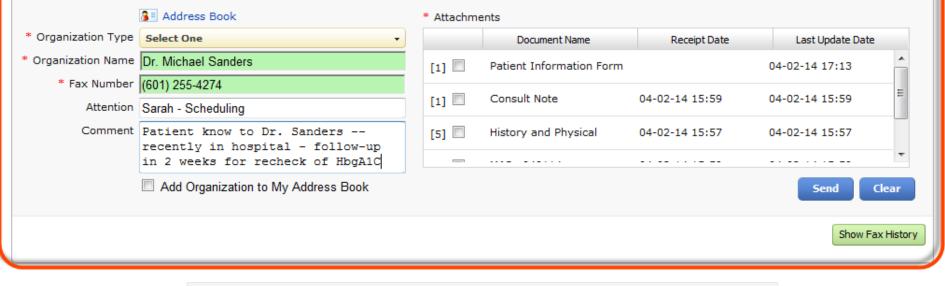
### Notify All Providers When Referral is Booked

Curaspan.	Boston Ga	rden Hospital					0 Alerts	
KEALTH GROUP	Discharge Doc I	Mgr Review Reports				Logged in for:	0 hr. 24 min. 25 se	
Return to Workbo	ook				Help   M	ly Account   Ho	me 🕴 Log Out	
Gold, Monica 🛃 (	? 🗹 🗈 Đ (				Esti	mated Discharge:*	04-18-2014	
Intake Assessmen		mplementation	je			-		
Provider Status: Selec	t One	-						
Connected Provider(	(s)							
						Book Referr	al Send Message	
Connected Pro	viders	Status		Provider Status	Msg	Act	ion	
1) Thunder Test Nursin	g and Rehab	Booked on 04-02-14 21:13	Accep	t on 04-02-14 21:03		Message & Actions	Notification Log	
1 ReferralCentral Criti	cal Care Provider	Notified on 04-02-14 20:49	No Re	sponse Submitted		Message & Actions	Notification Log	
1 ReferralCentral Skill	ed Nursing Facility	Notified on 04-02-14 20:49	No Re	sponse Submitted		Message & Actions	Notification Log	
Unconnected Provid	er(s)							
							Send Fax	
Provi	iders	Phone Number		Provider Status		Action		
Appletree Test Care Ce	enter	(617) 395-0125@	QuickCase Acce	pted on 04-02-14 21:08	Send Fax	Notes and Status	Fax History	
Business Central Provid	der	(617) 395-0125@	QuickCase Pend	ling on 04-02-14 20:49	Send Fax	Notes and Status	Fax History	
Outbound Faxes (off	line providers, p	ayers, doctors and agencies	)					
	👫 Address Book		* Attachments					
* Organization Type	Select One	•		Document Name	Receipt Date	Last Upda	ate Date	
* Organization Name								

#### Involve Other Members of the Care Continuum

Curaspan. Boston Ga	rden Hospital				0 Alerts 👻
Get Connected.® Discharge Doc	Mgr Review Reports		Annie Hetze	Busch Logged in for: (	) hr. 47 min. 37 sec
🗘 Return to Workbook			Help	My Account   Hor	ne 🕴 Log Out
Gold, Monica 👉 👔 🐨 🖹 🕹 ( Intake Assessment Matching I Provider Status: Select One Connected Provider(s)	mplementation		Es	timated Discharge:*	04-18-2014
Connected Providers	Status	Provider Status	Msg	Acti	ion
<ol> <li>Thunder Test Nursing and Rehab</li> </ol>	Booked on 04-02-14 21:13	Accept on 04-02-14 21:03		Message & Actions	Notification Log
() ReferralCentral Critical Care Provider	Notified on 04-02-14 20:49	No Response Submitted	$\bowtie$	Message & Actions	Notification Log
() ReferralCentral Skilled Nursing Facility	Notified on 04-02-14 20:49	No Response Submitted		Message & Actions	Notification Log

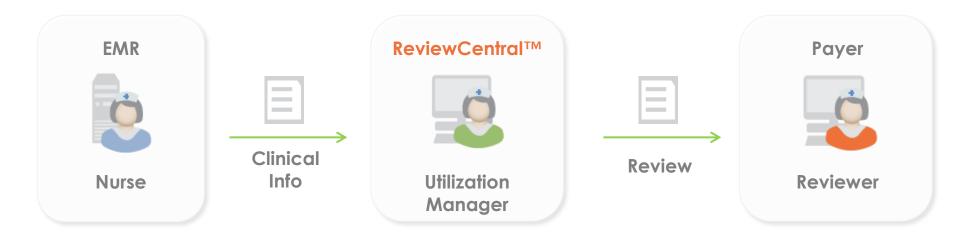
#### Outbound Faxes (off-line providers, payers, doctors and agencies)



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DischargeCentral® 12.6.3|2|prd

## Automate. Collaborate. Optimize.



- Standardized workflow
- Secure, time-and-date-stamped communications
- Real-time workflow reminders

- Comprehensive reporting
- Improve internal communication with internal notebook and work lists

### View All Relevant Patient Information in a Single Place

Curaspan.						_	_					0 Alerts 🛛 🔻
Get Connected.®	Acceptance	Discharge	Doc Mgr	Review	Reports	Profile	Setup		Che	ri Banksto	n Logged in for: 0	hr. 7 min. 12 sec.
🕈 Return to Workb	ook							Admin	Help	My Acc	count   Home	e 🕴 Log Out
Search Name, MRN, SS	SN, ID	Case Manag	er: Banks	ton, Cheri	•	Close Cas	e 🚍	Print 📑	Add Note	Authoriz	ation Number:	
Monica Gold 🖸	<b>†</b>		Accour Membe		11300 AGC22				dmitted Da		11-03-2013 <b>04-18-2014</b>	
Date of Birth:	02-17-1952		Medica	I Record #:	10146	2			ctual Disch	_		
Attending Physician:	Lisa Brown		Status:		М			A	dmit Type:		Other	
Diagnosis	Code		Local	Payer	F	ax	Assign Pay	/er				
			ACME	INSURANCE	E							-
Payer Authorization	n					?	Messag	es / Note	s To Paye	r		
New Payer Review				Approv	ved: 0 🗙	Denied: 0						
Next Action Due:	V	/iew Detailed H	listory	Create Ir	nbound Fax C	over Sheet						

### Create and Submit All Forms and Documents Electronically

Curaspan.		0 Alerts 👻
Get Connected.® Acce	ptance Discharge Doc Mgr Review Reports Profile	Setup Cheri Bankston Logged in for: 1 hr. 2 min. 22 sec.
🕈 Return to Workbook		Admin   Help   My Account   Home   Log Out
Search Name, MRN, SSN, ID	Close Case Manager: Bankston, Cheri 🗸 Close Case	Print 🗐 Add Note Authorization Number:
	Insurance Review	×
Monica Gold 🗹	Enter the required information below to send to the patient's payer:	
Date of Birth: (2	Encounter Information Per Diem Request	Forms and Documents Show Unassigned Documents
Attending Physician: Lis	Diagnosis (ICD): Periapical Abscess	Version (6 Page - RUGS Calculation)
Diagnosis Co	CPT Code: 522.5	Patient Information Form (rev.7/2012)
Diagnosis	Service Type: Select -	Utilization Review Communication Form -
	Length of Stay: 3 Days	Payer (12/2012)
Payer Authorization	Request Type: Select -	🔲 🖹 VA Uniform Assessment Instrument -
New Payer Review	Admit Date: 11-03-2013	(rev.12/2010) Adobe Version
	Start: 11-03-2013 📰 End: 11-05-2013 📰	WI PASARR Level I Screen F-22191 (rev.
Next Action Due:	Status: Inpatient - Level: Med/Surg -	8/2008)
	Notes:	WI Preadmission Screening and Resident Review (PASARR) Level I Screen (DDE-2191,
© 2000-2014 Curaspan He	Please review and call me with any questions.	Rev 06/2005)
	•	🗖 Documents 🚍 🛱 Status Share
		Consult Note New
		04-02-14 02:59 PM
		Image: Weight of the second
	Contact: • Mary (555) 555-5555	Address Book Submit Cancel

### Monitor Submission Status

Curaspan. HEALTH GROUP Get Connected.®	Acceptance D	bischarge 🚺 Doc Mgr	Review R	eports Profile	Setup	Cheri E	ankston Logged in	O Alerts
Return to Workbo	ook					Admin   Help	My Account	Home 🕴 Log Ou
arch Name, MRN, SSI		ase Manager: Bank	ston, Cheri	Close C	ase	Print 🗹 Add Note 🗚	Authorization Num	ber:
Monica Gold 🖸		Accou		1130042 AGC22336-9		Admitted Date: Estimated Disc	11-03-20	
Date of Birth:	02-17-1952	Medic	al Record #:	101462		Actual Discharg		
Attending Physician:	Lisa Brown	Status		М		Admit Type:	Other	
Diagnosis	Code	Loca	Payer	Fax	Assign Pa	ayer		
		ACM	E INSURANCE					•
ayer Authorization					? Messa	ges / Notes To Payer		
New Payer Review			Approved	: 0 × Denied		review and call me with a	any questions.	Cheri Bankston
lext Action Due:	Viev	v Detailed History	Create Inbou	ind Fax Cover She		Unread		04-03-14 04:20 P
11-03-2013- Inpation 11-05-2013 Med/S Note:		Submitted 04-03-2014 04:20:07	View Sub	mission Status				

### Document and Track Approvals and Denials

Last Status Received					×						Aierts 👻	
Enter approvals for : .	All Days					Setup		Cheri Banks	ton Log	ged in for: 1 h	r. 2 min. 22 sec.	
Date App	proved Denied	Pending	Reason			Ad		lelpi i My A	Account		Log Out	
All Dates	Ø ×	Evaluating P	Patient Informat	tion	Case	Print	Add 1	vote Author	rization	Number:		
(11-03-2013 - 11-05-20	13)	Last Status Received								×		
		Enter approvals for : (0)	All Days							113		
		Date App	roved	Denied	Pending		Reason			)14		
		All Dates	0	×	ø	Does not meet	criteria		٠			
		(11-03-2013 - 11-05-201	13)		Last Stat	us Received						
Authorization Number	8675309				Enter ap	provals for : 🔍 A	All Davs					
Next Review Date	11-05-2013				-	ste Appro	A Contraction of the second	Denied		Pending		Reason
Authorized By	Mary				All Dat	es 🔇	2	×		01		
Contact Number	555-555-5555				(11-03-	2013 - 11-05-2013	3)					
		Authorization Number *	8675309									
		Next Review Date	11-05-2013	3 📰								
		Authorized By	Mary									
	11-03-2013- Inpatient	Contact Number	555-555-55	55	1000					12203851		
	11-05-2013 Med/Surg				Autho	rization Number*	867530	9		Notes		
	Note:				Next F	Review Date	11-05-2	013 🛅		Spoke		send updated lab
					Autho	rized By	Mary					
	© 2000-2014 Curaspan He	aith Group, Inc. All rights re	served.   Use	Policy   Security	Conta	ct Number	555-555	-5555				
												Submit

### Track Approved Days

	ook			Admin   Help   My Account   Home   Log Ou
earch Name, MRN, SSI	N, ID 🔍 Case Man	ager: Bankston, Cheri	Close Case	Print 🗹 Add Note Authorization Number:
Monica Gold 🖸	•	Account #:	1130042	Admitted Date: 11-03-2013
		Member ID:	AGC22336-9	Estimated Discharge: 04-18-2014
Date of Birth:	02-17-1952	Medical Record #:	101462	Actual Discharge:
Attending Physician:	Lisa Brown	Status:	М	Admit Type: Other
Diagnosis	Code	Local Payer	Fax	Assign Payer
		ACME INSURANCE		•
				_
Payer Authorization			?	Messages / Notes To Payer
New Payer Review		Approve	ed: 1 🗙 Denied: 0	Please review and call me with any questions. Cheri Bankston
Next Action Due:	View Detaile	d History Create Inbo	ound Fax Cover Sheet	Mark as Unread 04-03-14 04:20 Pl
		View St	ubmission Status	
11-03-2013- Inpati	ent 🥝			
	····			
11-03-2013- Inpati 11-05-2013 Med/S	····	llts		

#### Access Robust Transaction Audit Trail

Case History		
Case History Expand All   Collapse All		
Activity	Date	User
Authorization Approved - 1 day	04-03-2014 15:30	Bankston, Cheri
AUTHORIZED	Next Action Due:	11-05-2013
Authorization Number: 8675309	Contact #:	(555) 555-5555
# Days Authorized: 1	Authorized By:	Mary
Dates Authorized: 11-03-2013 - 11-03-2013	Notes:	Spoke with Mary; send updated lab results
Status: M		
Submit	04-03-2014 15:20	Bankston, Cheri
Notes: Please review and call me with any questions.	Note to Payer 04	4-03-14 03:20 PM
Payer: Mary	Consult Note	
Fax: (555) 555-5555	History and Phys	sical
Change Case Owner	04-02-2014 15:37	Bankston, Cheri
Create	04-02-2014 15:37	Bankston, Cheri

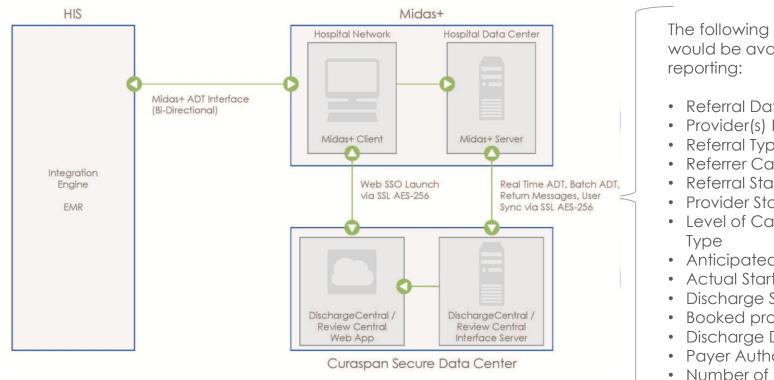
#### Store and Access Documentation of Successful Communication

Return to Workbo		er: Bankston, Cheri - Close Ca	ase 🖨 Erint 📼	Add Note Autho	orization Number:		
	- Curaspan Health Group - Wir			Add Note - Adding		- 0	
and the second second	and the second s	onSuite/index.cfm?event=reviewcentral%3Arvo	ntrl.private.print.patientSu	mmary&id=710569	92		
	CIGGII (DDC-2131, 168	System	1 10/01/01/01	- L.			
Documents							
Note to Payer 07-11	-13 01:54 PM	Submitted 07-11-13 01:54 PM	Not Shared				
DME - Durable Medi 07-11-13 01:54 pm	ical Equipment Form (2/2010	Submitted 07-11-13 01:54 PM	Not Shared				
Fax History							
Sender	Request Time	Document Recipient	Latest Status				
Cheri Bankston	07-11-2013 01:54 PM	Hospital Review Submit Fax sent to payer@(601) 255-4274	Attempt 1 : 07-11-2013 01:54 PM SENT OK				
Cheri Bankston	07-11-2013 01:54 PM	Note to Payer 07-11-13 01:54 PM sent to payer@(601) 255-4274	Attempt 1 : 07-11-2013 01:54 PM SENT OK				
Cheri Bankston	07-11-2013 01:54 PM	DME - Durable Medical Equipment Form pm sent to payer@(601) 255-4274	Attempt 1 : 07-11-2013 01:54 PM SENT OK				
Notes to Payer							
Notes			Added By				
This is where I would	d type note		Cheri Bankston 07-11-13 01:54 PM				

#### Organize and Prioritize Cases

nsus   ] Q	harge Doc Mgr New Updates	r Review	w Report	s Profile	Setup	Admin	Cheri Help	Bankston Logge		
] 🔍						Admin	Help	My Account	Home	Log Ou
										209 01
							View:	Bankston, Che		<b>.</b>
							view.	Bankston, Che	eri	•
		v Updates				All Active				
3		New	Due Toda	ay Denie	ed Med D	ir Review	Peer to	Peer No Re	esponse	All Cas
		5	3						2	9
		2	5						-	
										📇 Print
) Close Cas	(0)									_
	ises (0)									
Patient	Payer Plan Nam		ived Date EDD	Now Man	Location	Auth David	Dam	Next Action Due 🔻	Comment D	)eterminati
Patient	Member I	-	arged Date	New Msg	Status	Auth. Days	Rem.	Next Action Due *	Current D	eterminati
er5, Training	g Local Paye	r: 04	4-02-14		TRAINING -	N/A	04	4-03-14	H: Pendir	ng
-07-74	TRAINING		x		11 - A	N/A			04-02-14	
0010	PAYER		x		In Patient					
0000009	123456789	)								
onica	Local Paye		1-03-13	$\sim$	3180 - East	0 Authorize		1-05-13	H: Autho	
2-17-52	ACME		4-18-14		- 001 M	Days Rema 11-03-13 -	-		04-03-14	
1462 130042	INSURANC AGC22336-		x		M	-13	11-03			
MADONNA	Health Plar America	nor U	8-12-13 x		W4 - 112 - A	N/A N/A	04	8-20-13	H: Submi 11-21-13	
86811	PPO	09	9-08-13		Out Patient					
575693	806252418	1								
niger, Trainin	1g Health Plar	nof 04	4-02-14		TRAINING -	N/A			H: New	
-07-74	America		x		35 - A	N/A			10-24-13	
	Commercia	al -	x							
niger	<b>, Trainir</b> -74 4 0033	, Training Health Plan -74 America 4 Commercia	, Training Health Plan of 0 -74 America 4 Commercial - 0033 Small Business	, Training Health Plan of 04-02-14 -74 America x 4 Commercial - x 0033 Small Business	7 Training Health Plan of 04-02-14 74 America x 4 Commercial - x	Health Plan of     04-02-14     TRAINING -       -74     America     x     35 - A       4     Commercial - x     x       0033     Small Business	Health Plan of     04-02-14     TRAINING - N/A       -74     America     x     35 - A     N/A       4     Commercial - x     x     35 - A     N/A	Health Plan of     04-02-14     TRAINING - N/A       -74     America     x     35 - A     N/A       4     Commercial - x     x     35 - A     N/A	Fraining     Health Plan of     04-02-14     TRAINING - N/A       -74     America     x     35 - A     N/A       4     Commercial - x     x       0033     Small Business	FrainingHealth Plan of04-02-14TRAINING - N/AH: New-74Americax35 - AN/A10-24-134Commercial - xx35 - AN/A10-24-130033Small BusinessSmall Business10-24-1410-24-14

### Integration Overview



The following data elements would be available for

- Referral Data & Time
- Provider(s) Referral
- Referral Type
- Referrer Case Worker
- Referral Status
- Provider Status
- Level of Care & Service Bed
- Anticipated Start Date
- Actual Start Date
- Discharge Status
- Booked provider
- Discharge Delay Reason
- Payer Authorization Numbers
- Number of Days Authorized

Share information with clinical and utilization review team members in real time

Reduce redundant tasks and eliminate duplicate documentation

Access shared data for more complete reporting

# Reporting

#### **Executive Leadership Reports**

- LOS Savings
- LOS Comparison
- Days Saved for Facility Placements
- Provider Scorecard (summary)
- Referrals In/Out of Network
   (summary)

#### **Compliance Reports**

- Home Care Start of Care
- Discharge Disposition
   Discrepancies
- Early Warning Referral-Pattern Changes
- Post-Discharge Release of
  Information
- PASRR Completion

#### **Care Management Reports**

- Readmissions by:
  - Placement
  - Diagnosis
  - Provider
  - Physician
- New Placement vs. Returns
- Referral Process Timeline
- Barrier Days
- Case Manager Referrals
- Decline Reasons
- Delay Reasons
- Payer Bookings

#### **Operations Reports**

- Placement Cycle Times
- Referrals In/Out Network (detail)
- Total Discharges
- LOS Variance
- LOS Quarterly Comparison
- Provider Scorecard (detailed)
- Unit Statistics
- Inpatient Length of Stay
- One-Day Stay

### Readmission Dashboard



Range

#### Insight Into Provider Performance

curaspan <sup>™</sup> Pro	vider Plac <sub>Disch</sub>			Return S		ry Re	port	
							Happenson H	lospital
Provider Name	Enabled	Total	Accept	Received I	Declines B	ooking	s Placements R	Returns
And Acad Mancanani Hana, 1227	yes	37	25	37	1	28	28	0
LEPERCHERENCE INCOME. INCOME.	yes	33	27	33	7	25	25	0
antinuum Ba = Nashull	yes	33	21	33	5	23	23	0
CENE INEXL'THI CARE OF	yes	29	19	29	2	23	23	0
addission of the second se	yes	26	5	26	2	11	11	0
fcuraspan™			Discharge I Patients	Vider Sco Date: 2/1/14	to 2/28/		Response Time (In Hours)	HOS Acceptance (In Hou
Level of Care Totals: Acute or unit) (IRF)	e Rehabilitation Fa	diity (hospitz		Placements 5	Rate 50.00%		0.35	0.00
			з	2	66.67%		0.16	0.00
			2	1	50.00%		0.82	0.00
			1	1	100.00%		0.20	0.00
			1	1	100.00%		0.05	0.00

The calculation for this report is looking at referrals made to Enabled Providers only, and measures their response times and other core measures.

#### Insight Into Internal Processes

fcuraspan™	Monthly Average Length of Stay by Discharge Disposition							Sidon c	Here a summer of the state of the state			
	1/2010	2/2010	3/2010	4/2010	5/2016	6/2010	7/2016	8/2010	9/2010	10/2010	11/2010	12/2010
r -	7.96	8.03	9.02	7.45	9.45	8.15	8.40	9.05	8.15	7.05	7.28	7.0
TX ADULT CARE FACILITY	4.50	3.94	6.09	5.06	4.85	4.00	5.06	4.35	3.76	4.37	4.62	4.6
TX Hosp w/ Swing Bed	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.60	0.00	0.0
TX HOSPICE FACILITY	8.33	4.20	5.00	13.33	6.75	9.88	9.50	6.00	12.75	5.50	13.25	5.3



#### Referral Process Timeline

Discharge Date: 3/1/2014 to 3/31/2014

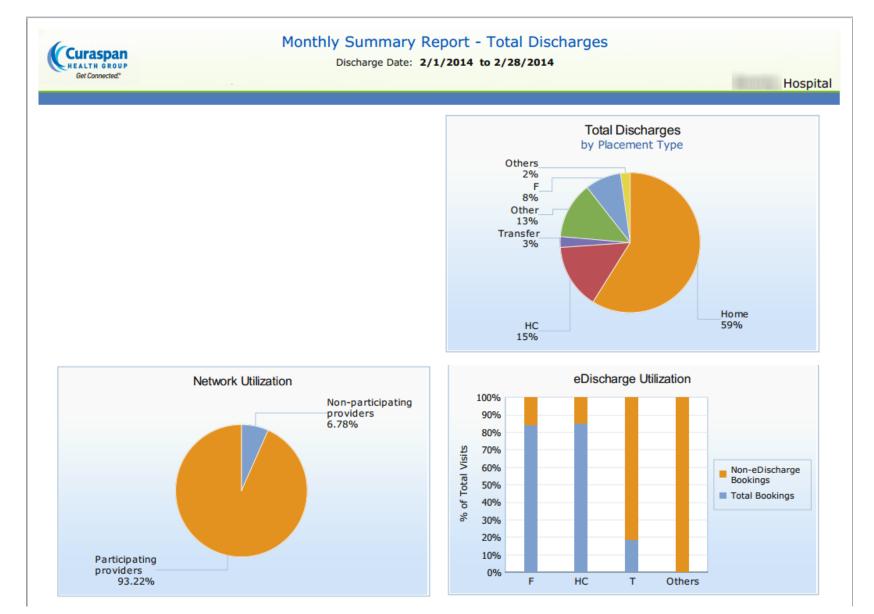
Hospital

	# of Patients referred thru eDc	Average Days from Admit to 1st Referral	Average Days from 1st Referral to Discharge
Level of Care: Skilled Nursing Facility (SNF)	304	2.71	2.45
Level of Care: Acute Rehabilitation Facility (hospital or unit) (IRF)	38	6.27	5.33
Level of Care: Home Health Agency	481	2.16	1.74
Level of Care: Long Term Care Hospital (LTCH)	10	6.14	8.11
Level of Care: SNF / Rehab	2	2.75	3.60
Totals:	679		

\*\* Patients may be counted under more than one level of care if notifications are sent on more than one level of care.

This report represents the referral process through eDischarge based on the Level of Care for the notifications. The average day the first referral is sent is captured based on referral date/time stamps for notifications. The average number of days from first referral to discharge is calculated using the captured first notication date/time stamp and discharge date for all patients in the level of care selected.

#### Information At-a-Glance



#### Services

#### **Before Implementation**

Consultative sales process

- Cross-departmental
   interviews
- Access to dedicated clinical, technical and security subject matter experts at Curaspan
- Sharing of best practices



#### **During Implementation**

- Clinical workflow analysis and redesign
- Project management
  - Manage implementation schedule
  - Identify and overcome roadblocks
  - Oversee technology
- On-site training
- Network Development
  - Identify top providers in community
  - Educate providers on new workflows
  - Update provider service
     profiles

#### After Implementation

- Regular account check-ins
  - Data analysis
  - Best practices
  - Utilization review
- Ongoing monitoring of provider utilization
- Training & Education
  - Computer-based training
  - Regularly scheduled
     webinars
  - Monthly product and regulatory updates
- Customer Support
  - Representatives available
     via phone & e-mail

# **Post-discharge Interventions**









#### **Referrals from Inpatient Discharges**

Based on the Midas+ modules used from Hospital Case Management, worklist referral to any post-discharge Transitional Care Manager should be set up to be automatic.

Date: 4/8/2014 Location: Select/Deselect Worklist Rules: HCM Discharge Planning	Reviewed By:	Clark,Barb Assigned To	o: Clark,Barb
	Date:	4/8/2014 Location:	
New Encounter for CCM pt         RRP Discharge DX         Referral from HCM - DX Category          CCM CHF F/U Appointment         Referral from Discharge Planner          Referral from DCP User Fields		HCM Discharge Planning New Encounter for CCM pt RRP Discharge DX Referral from HCM - DX Category CCM CHF F/U Appointment	





### Information Flow from Discharge Planning to CCM Episode

- Site Parameter
  - Transfers data from HCM Discharge Planning
    - Assessment Tab
    - DME Tab
    - Patient Care Tab

CCM CMGE-LOAD UR DISCHARGE DATA	Y or N	N	Choose Y to allow HCM Discharge Planning data from an Encounter to populate the CCM Episode Entry form.
------------------------------------	--------	---	---







#### Using CCM to Continue Postdischarge Follow-up: **Episode Entry**

Name:	H	labe	rman,Joseph	DOB/Sex:	3/3/1950 64Y	/ M	MRN:	555853
Prim Care Ph	iys:			Principal Paye	er:			
Case No:	14-4			Start Date:	4/9/2014	Episode:	HF	
Manager:	Clark	.Barb	)	End Date:		Source:		
			·	J				
Assessmen	t DM	E/W	ellness Patient Care	Comments User	Fields			
Living Stat	tus:	alor	ne		Setting: Apartme	ent		
			Risk Factor		Move to Problem L	ist 🔨		
			Chronically Ill		~			
			FrequentAdmission	s	<ul> <li>Image: A start of the start of</li></ul>			
			High Risk Diagnosis		<ul> <li>Image: A start of the start of</li></ul>			
			Lives Alone					
		►	Medically Indigent /	No Insurance	<b>v</b>			
			No Support System					
			Readmission					
		*						
						~		
			Self-Care Barrier		Move to Problem Li	ist 🔥		
		•	Medication Administ	tration	2			
		ŕ	Preparing Meals					
		*						
						*		





Using CCM to Continue Postdischarge Follow-up: **Assessments** 

Case No.:	14-4	Start Date: 4/9/2014	End Date:			
Episode:	CHF					
Assessment:	CHF READMISSION PREVENTION		Date:	4/9/2014	ID: 14-11	
Item		Response				
Which Assess	ment of the Series is this?:	Initial		Move to Pro	blem List: 🗌	^
Who is the pat	tients Primary Care Physician?:	Atkins,Susan Alene		Move to Pro	blem List: 📃	
Date of Next P	CP Appointment:	4/15/2014		Move to Pro	blem List: 📃	
Date of Next A	ssessment:	4/17/2014		Move to Pro	blem List: 📃	
Increasing Sho	ortness of Breath?:	Yes 🔽		Move to Pro	blem List: 🗸	
Increasing wea	akness or tiredness?:	Yes 🔽		Move to Pro	blem List: 📃	
Increased swe	lling of the ankles?:	No		Move to Pro	blem List: 📃	
	o lying down or do they need to n 2 or more pillows?:	Propped on 2 or more pillows		Move to Pro	blem List: 📃	
	up at night short of breath?:	Yes 💌		Move to Pro	blem List: 📃	
How many tim during the nig	es do you awaken to urinate ht?:	2		Move to Pro	blem List: 📃	
1 1 1	dizzy spells?:	No		Move to Pro	blem List: 📃	
	ht increased more than 2 lbs ea nan 5 lbs in a wk?:	NA		Move to Pro	blem List: 🗌	
Irregular heart	beats or palpitations?:	No		Move to Pro	blem List: 📃	
	sed any medications (diuretics, dilators, BP meds)?:	Yes 💌		Move to Pro	blem List: 🗌	
Has someone	been taking their BP?:	No 💌		Move to Pro	blem List: 🔽	
If Yes, what is	Systolic BP?:			Move to Pro	blem List: 📃	
If Yes, what is	Diastolic BP?:			Move to Pro	blem List: 📃	
Have they bee	n following a low sodium diet?:	Yes 💌		Move to Pro	blem List: 📃	
Can they desc sodium?:	ribe which foods have high	No		Move to Pro	blem List: 📃	
	where to find the sodium content ?:	No		Move to Pro	blem List: 📃	
	any alcoholic beverages?:	<b>•</b>		Move to Pro	blem List: 📃	
Have they use	d any tobacco products?:			Move to Pro	blem List: 📃	
List any Servic	es, their frequency and location:		^	Move to Pro	blem List: 🗌	~
C						^
Comments:						~
					Completed	: 🗆





#### Using CCM to Continue Postdischarge Follow-up: **Problem List**

Nam		· ·	OB/Sex:	3/3/1950 64Y / M	MR	N:	555853	
Prim	Care Phys:	F	rincipal Pay	er:				
	AssessmentDa	te Issue	Proble	m	Start Date	Status	Files 🔨	Save
	4/9/2014	Chronically Ill	Chroni	c Condition	4/9/2014	Open		
	4/9/2014	FrequentAdmissions						Documen <u>t</u> s
	4/9/2014	High Risk Diagnosis						
	4/9/2014	Medically Indigent / No Ins	urar Inadeo	uate, Financial Resources	4/9/2014		✓	<u>C</u> ancel
_	Details for Inad	dequate, Financial Resources –						
P	roblem Goals							
	Goal			Status			<u>^</u>	
	Establish Pr	imary Medical Care		Intervention Required				
	*							
							~	
111							·	
11	— Details for E	Establish Primary Medical Care						
	Comments: 🛛	Although patient has a	designat	ed PCP, the patient d	oes not ke	eep PCP	appointments	
	5	secondary to the lack ( for Medicare for 11 mo	of funds	available to pay for	care. Pat	ient i	s not eligible 🚽	
		esources with Social S			IIS WITCH PV	.r anu	coordinace	
							~	<u>N</u> avigate -
							Y	





# Using CCM to Continue Post-discharge Follow-up: Referrals and Interventions

1	CCM Re	ferral	/Interventio	on Entry - Ha	iberman, Josej	h						<u>- 🗆 x</u>
C	ase No.:	14-4	ł		Manager:	Clark,Barb			Episode:	CHF		<u>S</u> ave
Pr	oblem:	Inad	lequate, Fin	ancial Resour	Category				Status:			Save & Print
					Re	ferrals/Inte	rventions					Documen <u>t</u> s
	Date		Time	Туре			Case Work			File	es 🔨	Agency
)	1 -1 -0 -	.4	12:06 PM	Social Work			Emerald,Jer	nnifer				Details
	`										~	
ſ			/9/2014 500	cial Work —	-			_				<u>C</u> ancel
	<ul> <li>Servic</li> <li>Self P</li> </ul>		nancial Assi	stance	Frequ	ency	^	Payer				
	*	ay/i ii	Indificial Assi	stance			~	Regio	n:			
					I							
	Agency:						Sp	ecial Lo	okup: 🗌	Chan <u>q</u> e Parameter	s	
	Acuity:				Case Hours:		Co	mplete	d: 🗌			
	Commen					vet eligible for N curing other av			t keep PCP app	ointments. He needs	^	
												<u>N</u> avigate ▼
											~	Help



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#### Evidence-based Models of Transitional Care

- Care Transitions Intervention (CTI)
- Transitional Care Model (TCM)
- Better Outcomes for Older Adults through Safe Transitions (BOOST)
- The Bridge Model
- Guided Care Geriatric Resources for Assessment and Care of Elders (GRACE)
- Project RED (Re-Engineered Discharge)

Joint Commission Hot Topics in Health Care: "Transitions of Care" June 2012





Multidisciplinary communication, collaboration, and coordination from admission through transition

- Must include patient and caregivers
- Care Team includes physician, nurse, pharmacist, social worker
- Includes active daily patient teaching
- Includes self-management of medications







Clinician involvement and shared accountability during all points of transition

- Includes both sending and receiving clinicians
- Care Coordinator is identified
- There is a written exchange of information as well as verbal







There is comprehensive planning and risk assessment throughout the hospital stay

- Discharge Planning begins at admission
- Patients are assessed during their stay for risk factors that limit self care including:
  - Low literacy
  - Multiple Chronic Conditions
  - Poly-pharmacy
  - Poor self-health ratings







Standardized transition plans, procedures, and forms

Written plans and Discharge Summaries include:

- Active Issues
- Diagnoses
- Medications
- Needed Services
- Warning signs of worsening condition
- Whom to contact 24/7 in case of emergency







Timely follow-up, support, and coordination

- Telephone or in-person follow-up, support, and coordination
- Performed by Case Manager, Social Worker, nurse, or other health care provider
- Provided within 48 hours after discharge
- Patients have a 24/7 number to call for information, reassurance, and advice







## **Community Coordination**







#### **Community Coordination**

Center For Pathways Community Care Coordination Rockville Institute for the Advancement of Social Science (transitioned from AHRQ)

- Community care coordination is the process of Identifying and engaging individuals within their community home setting
- Assessing their health and social needs
- Connecting them to the health and/or social services they need

https://www.rockvilleinstitute.org/CPCCC/mission.asp







## **Outcome Metrics**









## **Outcome Metrics**

- LOS
- RSRRs
- HWRR
- Returns to ED
- % ED patients admitted
- % Total Inpatients admitted via ED
- Tracking Readmissions from sub-acute providers
- Assessing Quality of Interventions outcomes
- Discharged pts. with ED visit within 10 days







# Outcome Metrics Available in DataVision

- HCAPS CDBR:1251
- HBIPS
- Readmission measures
- CMS Readmissions Reduction Program Indicators
- Facility Profile Readmission Measures







### **Outcome Metrics**

Indicator	Jul 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013
General Measures						
All Inpatient Encounters	1412	1504	1488	1563	1644	1670
Average Inpatient Length of Stay	3.69	3.62	3.34	3.61	3.58	3.80
Inpatient Readmissions within 30 Days	20.1 %	22.2 %	18.7 %	19.3 %	18.1 %	17.9 %
Emergency Department Case Management						
Total Emrgency Encounters by Discharge Disposition	232	452	373	376	309	219
Home	215	424	346	357	284	191
Transfer AC	7	10	17	10	14	10
AMA	3	8	8	5	4	13
Expired	0	3	1	0	2	0
Psych DC to AC	2	1	1	3	2	3
Rehab	0	1	0	0	0	1
SNF	2	4	0	1	3	1
Other	3	1	0	0	0	0
Returns to the ED within 10 days	12.9 %	16 %	14.3 %	15.5 %	13.2 %	12.9 %
Admissions to Acute Care from ED (of total ED visits)	19 %	8 %	7 %	6 %	9 %	14 %
Number of Reviews on ED Patients	5	6	14	22	28	47
Pre-Discharge Measures						
Inpatients Discharged Home with Documented Teachback Used	623	501	512	624	530	482
Inpatients Discharged Home with Documented Patient PASS	72.9 %	72.7 %	74.2 %	74 %	75.8 %	74.1 %
Post-Discharge Measures						
Inpatients Discharged Home Referred to CCM from HCM	6.2 %	8.1 %	7.7 %	7.4 %	8.3 %	9.1 %
Patients on CCM/TCM Program Readmitted within 30 Days	8.2 %	7.2 %	7.1 %	6.8 %	6.3 %	6.3 %
Inpatients Discharged with Visit to Ed within 10 Days	7.6 %	7.7 %	7.4 %	6.9 %	6.7 %	6.6 %
DataVision Measures						
CDB1251 - HCAHPS - Discharge Information - % Yes	81.86	81.22	86.33	80.31	81.53	80.9
CDB799 - HWR, Overall, CMS Readm Rdctn - % Readmit within 30 Days	13.841	12.308	10.954	11.932	13.721	12.775
HBIPS-6a - Post Discharge continuing care plan (Overall)						
CDB098 - Congestive Heart Failure - % Readmit within 30 Days	20.833	20.69	22.222	40	14.815	20.455
CDB1008 - COPD - % Readmit within 30 Days	20	13.793	6.897	11.111	8	22.449
CDB1083 - Pneumonia, Adult - % Readmit within 30 Days, Age over 64	13.636	26.667	26.087	19.355	22.222	12.195



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## References

- Joint Commission Hot Topics in Health Care: "Transitions of Care" June 2012
- Rockville Institute for the Advancement of Social Science Center for Pathways Community Care Coordination <u>https://www.rockvilleinstitute.org/CPCCC/mission.asp</u>
- Decreasing Avoidable Hospital Admissions With the Implementation of an Emergency Department Case Management Program Ghazala Q. Sharieff, MD, MBA, et al; American Journal of Medical Quality XX(X) 1–6 2013 by the American College of Medical Quality
- Best Practices: Case Management in the Emergency Department; Washington State Hospital Association; June 2012
- Hospital-Initiated Transitional Care Interventions as a Patient Safety Strategy: A Systematic Review: Stephanie Rennke, MD, et al Ann Intern Med. 2013;158(5\_Part\_2):433-440.
- BOOSTing Care Transitions; Society for hospital Medicine; <u>http://www.hospitalmedicine.org/resourceroomredesign/rr\_caretransitions/html\_cc/project\_boost\_background.cfm</u>





# Thanks for attending. Are there any questions?

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