



CAREWEBQI[®]

Transform the *Milliman Care Guidelines*[®] into an interactive workflow tool that captures and reports on real-time clinical data.



WEB-BASED INTERACTIVITY AND VARIANCE REPORTING

CareWebQI[®] interactive software enables quality improvement and cost efficiency through the targeting and reduction of inappropriate care. This progressive workflow tool – available in both web-based and installed versions – not only identifies potential gaps in care, but also provides reports about why variances are occurring – and thus how they can be reduced.

This identification and reporting is accomplished by presenting the *Care Guidelines* in an easy-to-use interactive format, which encourages consistent point-and-click application and easy-to-use variance selection. Then, through tools such as variance reports, **CareWebQI** provides real time clinical data in terms that management can act upon.

For healthcare professionals who wish to guide the clinical and financial aspects of healthcare to a higher level, **CareWebQI** delivers evidence-based interactive tools where they matter most – at the point of care.



Visit www.careguidelines.com for technical specifications.

The screenshot shows the 'Outline' page in Internet Explorer. The breadcrumb trail is 'Episode Search Result > Episode Overview > Outline'. The page is divided into three main sections: Patient Information, Episode Information, and Guideline Information. Below these is a 'Next Review Date' field with a calendar icon and 'Save' and 'Cancel' buttons. The bottom section is titled 'Clinical Indications for Procedure' and 'Selections Made, Indications Met'. It lists several clinical conditions with checkboxes: Aortic valve replacement [A], Severe aortic stenosis [B], Need for coronary artery bypass surgery, Heart failure, Syncope, and Angina. The 'Need for coronary artery bypass surgery' checkbox is checked.

Click to enlarge

The screenshot shows the 'Progression Care Day Summary' page. A red banner at the top states 'Care Day 03/25/2009 was saved.' The breadcrumb trail is 'Episode Search Result > Episode Overview > Care Day Summary'. The page includes Patient Information, Episode Information, and Guideline Information sections. Below these is a 'Guideline Complete' section with a table of care dates and a 'Variance' note for Day 3.

Care Date	Care Day	Guideline Day Met	Status	Review Date	Reviewer
03/25/2009	Day 6	5	Discharged	03/20/2009	one, prod
03/24/2009	Day 5	4	GL Day 4 Met	03/20/2009	one, prod
03/23/2009	Day 4	3	GL Day 3 Met	03/20/2009	one, prod
03/22/2009	Day 3	2	Variance: Complication, comorbidity, physiologic delay > Slower than guideline; poor physiology	03/20/2009	one, prod
03/21/2009	Day 2	2	GL Day 2 Met	03/20/2009	one, prod
03/20/2009	Day 1	1	GL Day 1 Met	03/20/2009	one, prod

Click to enlarge

Clinical Documentation and Variance Tracking – Identify variances from best practice, inappropriate care, and facility or resource delays within users' workflow. Improve throughput and reduce potential days through easily-documented clinical decisions.

Guideline Modification – Easily modify clinical content, incorporating customized guidelines that are tailored to specific resource availability and protocols.

Quick Access – No installation is required for the web-based version, while both hosted and installed versions require only modest IT resources.

Customizable Fields – Adapt variance categories and reasons, discharge status and levels of care to fit local resources and practice patterns.

Proactive Care Management – Enable a look ahead in care pathways, allowing documentation of the timing of care elements and anticipation of needed resources.

Integration and Interfaces – Meet any workflow need, connecting to external systems via HL7 interface, bulk data loading, manual updates, or integrated APIs available for a variety of commercial and "home grown" systems.

CareWebQI®

Top 10 Variances by Guideline (All)

Date Range: 8/11/2009 to 9/11/2009

Run Date: 9/11/2009

Guideline	Variance Reason	Count
Hip Arthroplasty	Delay in discharge or discharge planning	31
	Weekend lack of diagnostic services	22
	Delay in performing consult	11
	No SNF bed available	10
	Kept in hospital for outpatient procedures	3
	Covering physician unwilling to discharge patient	2
	Unsafe home environment	2
	Slower than guideline, comorbidity	2
	Slower than guideline, medication effect	1

Click to enlarge

Real-time Reporting – Standard and custom reports allow analysis of efficiency, variance and quality – all at plan, provider, member and guideline level.

Consistency – Encourage consistent application of the *Care Guidelines* with point-and-click documentation.

The screenshot displays the 'Outline - Windows Internet Explorer' browser window with the URL 'http://www.careguidelines.com/carewebqi'. The main content area is titled 'Edit Progression' and includes several data sections:

- Patient Information:** Patient ID: PAT-00000049, Patient Name: Smith, David.
- Episode Information:** Episode ID: EPS-00000226, Admit Date: 03/20/2009, Last Modified: 03/20/2009 05:36 PM, Date: EDT, Next Review Date: [blank].
- Guideline Information:** ORG/OTG: S-730, QLOS: 4 (PO), Next Review Date: [blank].
- Care Day Data:** Episode Care Day: 4, Guideline Care Day: 4, Guideline Day: 2, Care Date: 03/23/2009, Next Review Date: [blank], LOC: [blank].
- Progression Reference:** Increased fluid balance on postoperative day 2 has been found to be an independent predictor of postoperative atrial fibrillation in patients undergoing valve surgery (2).
- Select All Milestones:** A table with columns: Level Of Care, Clinical Status, Activity, Routes, Interventions, Medications.

Level Of Care	Clinical Status	Activity	Routes	Interventions	Medications
<input type="checkbox"/> Telemetry	<input checked="" type="checkbox"/> Rhythm and hemodynamics stable	<input checked="" type="checkbox"/> Advance activity	<input type="checkbox"/> IV fluids, <input type="checkbox"/> oral medications	<input checked="" type="checkbox"/> Discontinue pacer wires	<input type="checkbox"/> Prophylactic antibiotics discontinued QM
			<input checked="" type="checkbox"/> Advance diet as tolerated	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Possible beta-blocker
				<input type="checkbox"/> PT/PTT	<input type="checkbox"/> Possible warfarin and epidural analgesia
- Recovery Milestones are indicated in bold.**
- Variance:** Category: [Please Select from List], Reason: [Please select an item], Cat. Day: 3, Discharge To: Home, self care; outpatient follow-up.

Click to enlarge

Quality Measures – Track and build reports on compliance with already-integrated Hospital Quality Alliance, HEDIS®, and Joint Commission measures.

Chronic Care Management – Document evidence-based chronic assessments, care plans and patient education through the *Chronic Care Guidelines*.

For more information on the *Care Guidelines*, licensing or training, please call us at 888 464.4746 or visit our website at www.careguidelines.com.

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Available Products:

Ambulatory Care

The tool of choice for authorizing established and emerging technologies, outpatient procedures, diagnostic tests, imaging, rehabilitation services, DME, injectables and more.

Inpatient and Surgical Care

A key evidence-based resource for proactive inpatient care management, including criteria, goals, care pathways and other decision-support tools.

General Recovery Guidelines

Ideal when there isn't a guideline for the diagnosis, or when the clinical situation is so complex that a guideline is not easily applied.

Recovery Facility Care

A detailed and comprehensive means to develop effective plans for recovery facility admission, care and discharge.

Home Care

A comprehensive planning resource to smoothly move patients through home healthcare.

Chronic Care Guidelines

A tool to facilitate outpatient care for chronic or complex diagnoses.

Behavioral Health Guidelines

Reliable, evidence-based tools and criteria that address appropriateness of specific psychological, behavioral and pharmacologic therapies.