



***ProAct* User Guide**

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Welcome to ProAct!

CMT's ProAct Analytics provides abstraction, aggregation, analysis, and interpretation of data, both prospectively and retrospectively, to aid clinical and financial risk analysis and management of a population. CMT integrates large volumes of disparate data (primarily behavioral pharmacy and services data, but including medical services and pharmacy data) and analyzes this convergence of information for the eligible population in respect to proportional financial risk, including adherence markers, gaps in care, medical-behavioral co-morbid conditions that are associated with elevated cost burden, and chemical dependency or underlying addiction or substance dependency concerns that may be undermining overall health care and increasing costs.

ProAct provides secure, 24/7 access to prescriber and patient healthcare analytics by providing data on best practice for psychopharmacologic application relative to psychotropic and pain medicines (called CMT's Quality Indicators™ (QIs), and Disease Management flags relative to gaps in care for chronic disease states most frequently associated with those suffering from mental illness. All data and data analytics are displayed for each patient in an Integrated Health Profile (IHP) for wholistic health management. This data is used by care managers and coordinators, provider relations departments, quality improvement staff and clinical and financial administrators to understand the patient/population needs and to direct intervention activity to obtain desired outcomes.

Behavioral Pharmacy Management™ (BPM)

ProAct provides behavioral pharmacy analytics for those prescribers and patients who have triggered a QI in a given report period. There are 155 CMT QIs, age banded: child/adolescent, adult and elderly. Data may be sorted by all headers including those within a drill down or expanded view. In addition, filters are available on most all of the headers to create a subset of QIs, prescribers or patients.

Opioid Prescription Intervention™ (OPI)

ProAct provides opioid pharmacy analytics for patients who have triggered an OPI QI such as multiple prescribers or multiple pharmacies, concerning medication combinations or dosages and when previous diagnoses indicate that caution should be warranted in the prescribing of opioids. There are 55 opioid QIs, age banded: child, adult, and elderly.

Disease Management/Compliance Measures Reporting (DM/CM)

ProAct provides disease management reporting that flags patients with selected physical health conditions for whom appropriate screening and treatment activities appear to be lacking, based on a review of pharmacy and medical claims data. The report allows users to quickly identify patients for whom intervention is necessary in order to assure that medical needs are addressed, thus increasing patient health and reducing the costs associated with treating poorly managed conditions. The aggregated view allows users to quickly see which indicators are falling below targets.

Adherence Reporting (ADH)

ProAct provides adherence analytics to provide users with integral information regarding patients and their prescriptions, including their Medication Possession Ratio (MPR), a standard measure comparing fill dates

to actual prescription regimen to determine gaps in care. Data can be sorted and filtered by all headers. Data can also be exported into a printable Excel file.

Integrated Health Profile (IHP)

ProAct's IHP, which is available for every individual who has activity in the report period, integrates large volumes of disparate data by use of algorithms that roll-up, organize and display the information concisely. This format displays the individual's healthcare picture in one place making it easy to see all diagnoses, medications, recent service and facility usage and associated cost, as well as highlighting gaps in care, drug-drug interactions, etc. with respect to medical-behavioral co-morbid conditions.

Patient Member List

ProAct's member list provides a concise, one row view of each member's activity in all the areas of ProAct such as number of QI triggers, adherence gaps, compliance measure triggers along with diagnoses counts and facility utilization. Each patient row can be expanded to allow a quick view of the details in each of the areas. It is accessed via the IHP icon.

Getting Started

Logging On

Use the URL (<https://www.cmtanalytics.com>) to access your Online Analytic site. Save this address as one of your "favorites" in your browser or as a shortcut on your desktop.

NOTE: you must use <https://> (as opposed to <http://>). The 's' indicates a secure website required due to the sensitive nature of PHI.

At login, enter the Client ID, your personal user ID (your email address, case sensitive) and your password to access the ProAct site. It is recommended that you change your original password by clicking the "Change Password" header found on the upper right of the page under the patient icon. After entering the login information and pressing the "Login" button you will be asked to respond to the user agreement.

Changing Password

It is a good idea to change your original password given to you to one you create yourself. The system has specific requirements to ensure strong password design.

Please note that passwords must meet the following requirements:

- Contain between 8 and 16 non-whitespace characters.
- Contain at least 1 number.
- Contain at least 1 uppercase character (A-Z).
- Contain at least 1 lowercase character (a-z).
- Contain at least 1 special character (ex. %, &, !).

Change Password

Current Password:

New Password:

Confirm New Password:

Navigating ProAct

ProAct opens with the QI search page. To access to other data types, use the icons on the top right hand side of the page to initiate QI search by data type (QI, Prescriber or Patient) and Integrated Health Profiles or use the tabs running along the top. After the icon or tab selection, the next step is to indicate the desired report period and age group then click “Search” button to access the selected data. Throughout the ProAct tool, data may be accessed via many different paths.

The screenshot shows the ProAct interface with the following callouts:

- Select desired tab, then Report Period. Click the Search Button for list view of the various analytics.** (Points to the 'HCO - Adult (October 2011 to December 2011)' dropdown and the 'Search BPM Quality Indicators' button)
- The targeted QIs will limit the QI view to a sub-set. Usually these are the QIs chosen for the mailed interventions.** (Points to the 'Targeted QIs Only' checkbox)
- Click icon to see QIs organized by prescriber or QIs and Compliance Measures by Patient.** (Points to the 'Patient' icon in the top right navigation area)

QI	Description	Amount Paid	PUPM	Patients	Prescribers
105	Use of 2 or More Benzodiazepines for 60 or More Days	\$250,720.12	\$44.69	1870	1112
110	Use of 2 or More Opiates for 60 or More Days	\$1,695,595.38	\$180.11	3138	1753
111	Use of 3 or More Opiates for 60 or More Days	\$97,889.77	\$379.42	86	119
113	Use of an Atypical and a Typical Antipsychotic for 60 or More Days	\$2,010,566.28	\$540.04	1241	589
114	Use of 2 or More SSRIs for 60 or More Days	\$16,918.22	\$61.30	92	116
115	Use of an ADHD Non-Stimulant and 1 or More Stimulants for 60 or More Days	\$19,292.76	\$338.47	19	31

The close-up shows the pagination controls with a callout: **Change pages and number of rows viewed per page.** The controls include a 'Page size' dropdown menu set to 50, and a '10 items in 1 pages' indicator.

Quality Indicator™ Data View

The QI search page displays the QI number and description, the amount of money associated with that indicator for the 3 month reporting period, the Per User Per Month (PUPM) costs associated with those who triggered the QI and the count of both patients and prescribers who have triggered the particular indicator during the selected reporting period. The bottom of the page contains options for number of rows per page and scrolling across pages.

Report Period: Behavioral Pharmacy Management - Adult (October 2011 to December 2011)

Targeted QIs Only

Search BPM

1st Click black triangle to drop down age band and report period choices.

2nd Click "Search BPM."

QI	Description	Amount Paid	PUPM	Patients	Prescribers
105	Use of 2 or More	\$69,508.76	\$35.65	650	533
110	Use of 2 or More Opiates for 60 or More Days	\$585,822.05	\$219.41	890	749
111	Use of 3 or More Opiates for 60 or More Days	\$26,426.10	\$419.46	21	38
113	Use of an Atypical and a Typical Antipsychotic for 60 or More Days	\$679,426.12	\$625.62	362	258
114	Use of 2 or More SSRIs for 60 or More Days	\$8,523.21	\$78.92	36	50
115	Use of an ADHD Non-Stimulant and 1 or More Stimulants for 60 or More Days	\$3,021.74	\$503.62	2	2
116	Use of 3 or More Antidepressants for 60 or More Days	\$57,265.10	\$176.74	108	132
122	Use of 2 or More Antipsychotics for 60 or More Days	\$1,582,894.17	\$702.57	752	407
123	Use of 3 or More Antipsychotics for 45 or More Days	\$203,711.16			
124	Use of 2 or More Atypical Antipsychotics for 45 or More Days	\$1,116,996.80			

Click on either the blue patient or blue prescriber count to see the list of those who triggered the particular QI.

Patient Data View – BPM, OPI, CM & Adherence

To access the patient data, begin by clicking the patient icon on the top right hand side of the screen, then select the desired age band and report period (as seen above). The entire list of patients can be seen by using the page forward numbers and arrows at the bottom left of the screen.

The patient search page displays the patient ID, name, date of birth, age, number of claims in the 3 month reporting period associated with a QI and the total 3 month prescription cost of all their medications involved in triggering a QI. The bottom right indicates the total unique count of patients involved in one or more QIs for that reporting period. Use the tabs along the top to view either BPM, OPI, CM (DM) or Adherence patient data, select age band and report period then click "search" to retrieve data.

Client: CMT Demo

Quality Indicator Prescriber Patient IHP

Click patient icon.

BPM QI OPI QI CMHC QI Compliance Measures (CMHCs) CMHC Compliance Measures Adherence (CMHCs) CMHC Adherence Adherence (PCs)

Patient Data View – IHP & MPR Quick View

A pop-up view of the patient’s Medication Possession Ration (MPR) graph or IHP may be seen by right clicking on their row to show the menu then click on the desired item.

Patient ID	First	Middle	Last	Date of Birth	Age	QI Claims	QI Amount Paid
102475304	Marcie	G	Malkovic	01/11/2007	6	5	\$1,788.02
102487125	Maizie	M		03/12/2007	6	1	\$161.15
102491528	Coby	O		03/27/2007	6	12	\$3,464.83
102501644	Nelly	Y		05/08/2007	6	1	\$180.76
102504600	Georgia	G	Aristotelian	05/14/2007	6	1	\$18.16
102510131	Karis	H	Winnetka	06/12/2007	6	1	\$210.51
102510788	Jane	Q	Hanson	06/18/2007	6	3	\$884.94

Prescriber Data View – BPM & OPI

To access prescriber data, begin by clicking the prescriber icon on the top right hand side of the screen. The default setting is QI amount paid sorted by highest paid to lowest paid. The entire list of prescribers can be seen by using the page forward numbers and arrows at the bottom left of the screen.

The prescriber search page displays the prescriber’s name, ID, city, state, QI total for their patients involved in a QI, total number of pharmacy claims in the 3 month reporting period involved in a QI, percentage of the prescriber’s total claims involved in a QI and number of the prescriber’s patients that were involved in a QI during the reporting period. The bottom right shows aggregate data for the entire group of prescribers.

ID	Name	Population	City	State	QI Amount Paid	QI Claims	% Claim Flagged	QI Patients
101308527	Sirrus P Slovakia	Adult	Ortygia	ST	\$220,641.94	2323	50.6%	187
100204524		Adult	Symplegades	ST	\$167,186.56	1572	60.3%	117
101472571		Adult	Labyrinth	ST	\$139,552.29	1174	31.8%	85
10131175		Adult	Sirenum	ST	\$113,661.17	1689	18.3%	228
100230772		Adult	Corfu	ST	\$103,978.01	1315	6.4%	246
100230772		Adult	Corfu	ST	\$101,494.33	840	20.5%	95
101422589		Adult	Rharian Field	ST	\$99,645.82	1406	60.1%	124
101279360	Koland P' Nebuchadnezzar	Adult	Fortunate Isles	ST	\$93,305.98	1138	50.6%	108
101225445	Bethlehem P Fleming	Adult	Sirenum	ST	\$80,315.54	1074	43.6%	121
100526440	Adler P Istanbul	Adult	Corfu	ST	\$70,236.10	681	24.0%	65
					Total QI Amount Paid:	Total Claims:	Total QI Patients:	
					\$8,002,763.52	105856	14611	

Compliance Measures (DM) Tab

After logging onto ProAct, you will see the opening page with tabs across the top. For specific sub-providers, such as Community Mental Health Centers (CMHCs), you will be able to click on “CMHC Compliance Measures” which contain only your CMHC’s patient data on the Compliance Measures (DM).

NOTE: The “targeted measures” box must be checked to view your focus indicators.

First click the Compliance Measures tab then choose which report period you would like to view and then click “Search Compliance Measures.”

Sorting is the same as in other areas of ProAct where the headers can be clicked to sort each column by ascending or descending order.

To view the individual patient detail, click on the blue number.

Blue reflects the % of the population that has been flagged for the given indicator; green shows the % that has met the requirements of the indicator.

CL ID	Title	Description	Flagged	OK	% Flagged	% OK	Goal	Var
DM11	LDL Control Cardio (A)	% of patients 18-75 years and older with a diagnosis of CAD with lipid level adequately controlled (LDL <100 mg/dL).	500	60	89.29	10.71	70	-59.29
DM14	BP Control HTN (A)	% of patients 18 years and older with a diagnosis of hypertension with a blood pressure within a 12 month period.	3358	472	87.68	12.32	60	-47.68
DM17	Diabetes LDL Control (A)	% of patients 18-75 years of age with a diagnosis of diabetes (type 1 or type 2) who ha	2567	276	90.29	9.71	36	-26.29
DM19	Diabetes BP Control (A)	% of patients 18-75 years of age with a diagnosis of diabetes (type 1 or type 2) who ha	2472	371	86.95	13.05	65	-51.95
DM20	Asthma Med (A)	% of patients 18-64 years of age who were identified as having persistent asthma and measurement period	437					
DM21	Asthma Med (C)	% of patients 5-17 years of age who were identified as having persistent asthma and measurement period	1					
DM22	Diabetes A1c Control (A)	% of patients 18-75 years of age with a diagnosis of diabetes (type 1 or type 2) who had an HbA1c <8.0%	2575					
DM23	Diabetes A1c Control (C)	% of patients under 18 years of age with a diagnosis of diabetes (type 1 or type 2) who had an HbA1c <8.0%	5	0	100.00	0.00	60	-60.00
DM24	BMI Control (C)	% of children with documented BMI between 18.5-24.9	0	0	0.00	0.00	37	0.00
DM25	BMI Control (A)	% of adults with documented BMI between 18.5-24.9	1214	239	83.55	16.45	37	-20.55

Compliance Tab Specific Filters

There are additional filters in the compliance section that permit filtering out for healthcare home members as well as various types of Medicare funding depending on data available in the claims feed.

Compliance Measure Info

CL ID:

Description: % of patients 18-75 years and older with a diagnosis of CAD with lipid level adequately controlled (LDL <100 mg/dL)

Patient Demographics

Patient ID	Name	Gender	Date of Birth	Age	Medicare Part A	Medicare Part B	Medicare Part D	Healthcare Home	Has IHP
<input type="text"/>									

Age	Medicare Part A	Medicare Part B	Medicare Part D	Healthcare Home	Has IHP
<input type="text"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49					
36	<input checked="" type="checkbox"/>				
56				<input checked="" type="checkbox"/>	
62				<input checked="" type="checkbox"/>	

To remove dual eligible members (those with both Medicaid and Medicare), check the box in the Medicare Part A column, then click the black funnel icon on the right to select "NotEqualTo." The list will then show only Medicaid-only members. Generally, this removes all and you do not need to use the next 2 columns to filter

Medicare Part A	Medicare Part B	Medicare Part D	Healthcare Home	Has IHP
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

To further select for only Healthcare Home members, check the box in the far right column, then click the black funnel icon on the right to select "Equal To." The list will then show only HCH members.

Generating Prescriber Letters

To access the compliance letters for a given patient to send to their prescriber, click on the PDF icon next to the patient's name. The letter will contain all the compliance measures that were triggered for that reporting period for that individual.

Adherence Data View

After logging onto *ProAct*, you will see the opening page with tabs across the top. For specific sub-providers, such as Community Mental Health Centers (CMHCs), click on or select “CMHC Adherence” which contains detailed patient data and pertinent medication measures.

Choose the CMHC Adherence tab.

Choose which report period you would like to view. Then click the Search tab.

Sorting is the same as in other areas of *ProAct* where the headers can be clicked to sort each column by ascending or descending order.

PatientID	Name	DOB	Drug Type	Label Name	MPR	Fill Date	Prescriber Name	Healthcare Home
		12/28/1975	AntiDepressants	CITALOPRAM HBR 40 MG TABLET	0.4176	11/12/2012		
		12/28/1975	AntiPsychotic	ABILIFY 20 MG TABLET	0.6923	11/12/2012		
		12/28/1975	AntiPsychotic	SEROQUEL XR 150 MG TABLET	0.7143	11/11/2012		
		05/20/1974	AntiDepressants	FLUOXETINE HCL 40 MG CAPSULE	0.8506	11/13/2012		✓

Multiple filters may be applied at one time. The following example shows how to acquire an alphabetical listing of patients who are part of the Healthcare Home and have an MPR of 0.8 or less. After you have all the filters in place, click the Excel icon above the Healthcare Home column title to create an Excel document (if desired) showing just the subpopulation created by filtering.

Check the MPR filter box and select “Less Than Or Equal To.”

Check the Healthcare Home filter box and select “Equal To.”

Click on the empty space in the orange box around the Name header to alphabetize the patient listing.

PatientID	Name	DOB	Drug Type	Label Name	MPR	Fill Date	Prescriber Name	Healthcare Home
			AntiPsychotic	RISPERIDONE 0.5 MG TABLET	0.7333		David	✓
			AntiPsychotic	RISPERIDONE 0.5 MG TABLET	0.5128			
			AntiDepressants	SERTRALINE HCL 25 MG TABLET	0.3444		Erger Fe	✓
		/07/1997	AntiDepressants	FLUOXETINE HCL 20 MG CAPSULE	0.7778		d	✓
			tiPsychotic	RISPERIDONE 1 MG TABLET	0.6444		d	✓
			od Stabilizers	LAMOTRIGINE 25 MG DISPER TAB	0.7391		ames	✓

The data is also provided at a higher level view where MPR values are shown for patients across the key drug classes.

Client: CMT Demo cmtdemo@cmthealthcare.com (Logout) Change Password

BPM QI | OPI QI | CMHC QI | Compliance Measures (CMHCs) | CMHC Compliance Measures | Adherence (CMHCs) | CMHC Adherence | Adherence (PCs) | PC Adherence

Report Period: CMHC - Child (July 2013 to September 2013)

Name	MPR Range	Antidepressants	Antihypertensives	AntiPsychotics	Cardiovascular	COPD	Diabetes	Mood Stabilizers
AlannahJumpstart General	0 - 9%	0	0			0	1	0
AlannahJumpstart General	40 - 49%	1	0			0	0	0
AlannahJumpstart General	50 - 59%	7	2			2	1	1
AlannahJumpstart General	60 - 69%	2	5			1	0	3
AlannahJumpstart General	70 - 79%	6	11			2	0	3
AlannahJumpstart General	80 - 89%	18	17			2	1	4
AlannahJumpstart General	90 - 99%	34	55			10	0	19
AlannahJumpstart General	100%	30	45			17	5	10
CamilleWinston General	0 - 9%	1	0			0	0	0
CamilleWinston General	10 - 19%	2	0			0	0	0
CamilleWinston General	20 - 29%	0	1	0	1	0	0	1
CamilleWinston General	30 - 39%	5	1	2	1	2	0	1
CamilleWinston General	40 - 49%	6	3	10	3	1	0	1
CamilleWinston General	50 - 59%	14	8	15	8	4	0	5

Accessing Integrated Health Profiles – Patient Member List

ProAct’s member list may be filtered by any of the headers such as QI triggers, adherence gaps, compliance measure triggers, to create a smaller subset of patients meeting your specific criteria. For example, a sub-population of Health Home patients that have triggered 4 or more OPI QIs and have 3 or more ER visits can be created to focus efforts. Each patient row can be expanded to allow a quick view of the details in each of the areas. For example, if a patient row indicates there have been 3 hospitalizations, the drill down will show the diagnoses, facility name, amount paid and admission/discharge dates.

Click “>” to drop down patient detail. Select any tab to see detail related to ER events, QI triggers, etc.

Headers across top show a summary of activity in all the areas of ProAct.

Patient ID	First	Last	Date of Birth	Age	Health Home	BPM QI Count	OPI QI Count	CM Measure Count	Adherence Count	Behavioral Diagnosis Count	Comorbid Diagnosis Count	Hospital Count	ER Count
>	100070587	Donaldson	Savoyard	09/19/1955	56	0	0	0	0	1	10	45	59
>	100298080	Winston	Niger	01/24/1990	22	0	2	0	0	5	4	37	43
>	100075587	Duburque	Freeport	01/17/1959	53	0	0	0	0	1	8	36	80

Event Category	Admission Date	Discharge Date
> Hospital NO ER VISIT	10/31/2011	10/31/2011
> Hospital With ER VISIT	07/09/2011	07/10/2011
> Hospital With ER VISIT	08/13/2011	08/13/2011
> Hospital With ER VISIT	07/12/2011	07/12/2011
> Hospital With ER VISIT	02/10/2011	02/13/2011

ProAct Features & Functions

Sorting

The headers on the orange bar permit sorting in ascending or descending order (click or double click). This function allows the user to see which QIs were triggered the most by prescribers/patients, rank the list according to QI cost or PUPM. The ProAct allows for one sort, followed by multiple filter selections for drilling down to specific subpopulation of patients. By sorting, and then filtering in order of priority, the user can focus attention on the highest priority of their patient population.

The screenshot shows a table titled 'Quality Indicators' for the period 'BPM (April 2010 to June 2010)'. The table has columns for QI, Description, Amount Paid, PUPM, Patients, and Prescribers. Green arrows point to the header cells for each of these columns, indicating that they can be clicked to sort the data.

QI	Description	Amount Paid	PUPM	Patients	Prescribers
123	Use of 3 or More Antipsychotics for 45 or More Days	\$29,640.40	\$1,646.69	6	7
126	Use of 3 or More Atypical Antipsychotics for 45 or More Days	\$27,099.25	\$2,455.47	3	4

Filters

Filters can be activated by typing in the open box and then clicking the filter icon to release the drop down menu of various commands. For example, by typing in the QI number in the box then clicking the funnel icon to select "Equal To" the QI list is narrowed to just the one QI. Filters can be used alone or in combination to create a defined subset population. Remember to consider the possible impact of the order of the filters because each filter action creates a smaller group and only that group will have the next filter action applied to it.

The screenshot shows the 'Quality Indicators' table with a filter dropdown menu open over the 'QI' column. The dropdown menu lists various filter options: NoFilter, EqualTo, NotEqualTo, GreaterThan, LessThan, GreaterThanOrEqualTo, LessThanOrEqualTo, IsNull, and NotIsNull. A green arrow points to the 'EqualTo' option. Another green arrow points to the funnel icon in the 'Amount Paid' header, with a text box that says 'Click here to drop down the Boolean options for other headers.'

QI	Description	Amount Paid	PUPM	Patients	Prescribers
514	Use of a Lower Than Recommended Dose for 45 or More Days	\$177,748.41			

Here is an example of filtering or searching by prescriber name. By typing in "John" all the prescribers who have "John" contained within their first or last names will be displayed.

The screenshot shows a table titled 'Prescribers' for 'Behavioral Pharmacy Management - Adult (October 2011 to December 2011)'. A search filter 'John' is applied to the 'Name' column. A dropdown menu is open over the search box, showing filter options like 'Contains', 'DoesNotContain', 'StartsWith', 'EndsWith', 'EqualTo', and 'NotEqualTo'. The table displays results for prescribers whose names contain 'John'.

ID	Name	Population	City	State	QI Amount Paid	QI Claims	% Claim Flagged	QI Patients
101439459	John P Pollard	Adult	Corycian	ST	\$16,823.39	267	51.7%	27
100168927	Dryden P Johnson	Adult	Corycian	ST	\$8,564.99	62	24.1%	5
100360200	Essenzen P John	Adult	Corfu	ST	\$8,058.14	63	38.2%	8
100791087	Kannada P John	Adult	Mount Ida	ST	\$2,651.18	27	13.1%	6
100397273	Saxons P Johnnie	Adult	Mount Othrys	ST	\$2,398.76	20	8.9%	1

Within ProAct there are 14 filters divided into three types: text, number, and date.

Text Filters

Text filters are used when the columns contains a mixture of text, numbers, date and special characters. Columns such as name, description, geographic location, and drug type utilize text filters.

Filter Name	Definition
No Filters:	Removes all filters.
Contains:	Finds every record in the table where the field's value contains the text you entered.
Does Not Contain:	Finds every record in the table where the field's value does not contain the text you entered.
Starts With:	Finds every record in the table where the field's value begins with the text you entered.
End With:	Finds every record in the table where the field's value ends with the text you entered.
Equal To:	Finds every record in the table where the field's value equals the text you entered.
Not Equal To:	Finds every record in the table where the field's value does not equal the text you entered.
Does Not Contain:	Finds every record in the table where the field's value does not contain the text you entered.

Number Filters

Number filters allow users to filter columns that deal only with numbers such as QI, age, patient's ID and number of claims, etc.

Filter Name	Definition
No Filters:	Removes all filters.
Equal To:	Finds every record in the table where the field's value equals the value you entered.
Not Equal To:	Finds every record in the table where the field's value does not equal the value you entered.
Greater Than:	Finds every record in the table where the field's value is greater than the value you enter.
Less Than:	Finds every record in the table where the field's value is less than the value you entered.
Greater Than or Equal To:	Finds every record in the table where the field's value is greater than or equal to the value you entered.
Less Than or Equal To:	Finds every record in the table where the field's value is less than or equal to the value you entered.
Between:	Finds every record in the table where the field's value is between the values you entered.
Not Between:	Finds every record in the table where the field's value is not between the values you entered.
Is Null:	Finds every record in the table where the field's value is NULL.
Not Is Null:	Finds every record in the table where the field's value is not NULL.

Date Filters

Date filters are used within columns that contain dates such as date of birth.

Filter Name	Definition
No Filters:	Removes all filters.
Equal To:	Finds every record in the table where the field's value equals the date you entered.
Not Equal To:	Finds every record in the table where the field's value does not equal the date you entered.
Greater Than:	Finds every record in the table where the field's value is greater than (comes after) the date you entered.
Less Than:	Finds every record in the table where the field's value is less than (comes before) the date you entered.
Greater Than or Equal To:	Finds every record in the table where the field's value is greater than or equal to the date you entered.
Less Than or Equal To:	Finds every record in the table where the field's value is less than or equal to the date you entered.
Is Null:	Finds every record in the table where the field's value is NULL.
Not Is Null:	Finds every record in the table where the field's value is not NULL.

Drilling Down

Data can be drilled down to a more detailed level when clicking on a blue number or a ">" carrot next to a field.

111	Use of 3 or More Opiates for 60 or More Days	\$26,426.10	\$419.46	21	38
113	Use of an Atypical and a Typical Antipsychotic for 60 or More Days	\$679,426.12	\$625.62	362	258
114	Use of 2 or More SSRIs for 60 or More Days	\$8,523.21	\$78.92	36	50

Prescribers Behavioral Pharmacy Management - Adult (October 2011 to December 2011)

ID	Name	Population	City	State	QI Amount Paid	QI Claims	% Claim Flagged	QI Patients
>	101308527	Adult	Ortygia	ST	\$220,641.94	2323	50.6%	187
>	100204524	Adult	Symplegades	ST	\$167,186.56	1572	60.3%	117
>	1011175	Adult	Labyrinth	ST	\$139,552.29	1174	31.8%	85
>	101238316	Adult	Sirenum	ST	\$113,661.17	1689	18.3%	228
>	101238316	Adult	Corfu	ST	\$103,978.01	1315	6.4%	246
>	304	Use of a non-mood stabilizing anti-convulsant in a patient with presumptive bipolar disorder without evidence of a failed trial of a mood stabilizer			\$466.27	\$25.90		6
>	215	Use of 5 or More Drugs for Bipolar Disorder (mood stabilizers, atypical antipsychotics, antidepressants) for 60 or More Days			\$1.79	\$0.20		3
>	Patient ID Name				Date of Birth	Age	QI Claims	QI Amount Paid
>	100013419	O'Brien A. Wayne			08/15/1964	47	1	\$7,157.53
>	100048041	Tutankhamen A. McCoy			05/12/1974	37	4	\$10.80
>		tsmouth			05/09/1962	49	3	\$9.15
					Total Claims:	8	QI Amount Paid:	\$7,177.48

Click ">" next to the prescriber's name to view the detail regarding their QI triggers.

Click "v" to see the 3 patients involved in that QI.

View Clinical Consideration™

To view a PDF of any Clinical Consideration™ associated with a particular prescriber or patient, click the PDF icon next to the QI. These may be saved or printed as desired.

>	142	Use of 3 or More Psychotropics for 60 or More Days		\$2,362.27	\$196.86
>	152	Use of 3 or More Antidepressants for 60 or More Days		\$170.95	\$56.98
>	137	Use of Fluoxetine at any dose		\$22.45	\$7.48

Use of Benzodiazepines for 60 or More Days (under 18 years)

CLINICAL ISSUE	CLINICAL CONSIDERATIONS™	REFERENCES
<ul style="list-style-type: none"> May indicate underlying PTSD or OCD. Most anxiety disorders will respond to alternate behavioral and pharmacologic treatments. Benzodiazepines have not shown efficacy in controlled trials for childhood anxiety disorders (AACAP 2007). "SSRIs have emerged as the medication of choice in the treatment of childhood anxiety disorders" (AACAP 2007). They are generally well tolerated, with mild and transient side-effects (GI symptoms, headaches, increased motor activity, insomnia) (AACAP 2007). March & Vitiello (2009) argue "20 years of research reveals a positive benefit-to-risk ratio for short-term treatment with SSRI or SNRI medications in (pediatric) patients all ages with anxiety and obsessive-compulsive disorder." Benzodiazepines can be associated with sedation, drowsiness, cognitive impairment, sedative abuse, and difficulty with discontinuation (AACAP 2007). 	<ul style="list-style-type: none"> SSRIs are the treatment of choice for childhood anxiety disorders. There is some evidence to support the use of venlafaxine (Effexor®). In children, benzodiazepines should only be used as an adjunct short-term treatment with SSRIs. If you haven't already, please consider: <ul style="list-style-type: none"> Reviewing the original diagnosis and consider revising treatment to reflect your current clinical formulation Reviewing the patient's treatment history for adequacy of dose and duration of medications Assessing whether each medication has been tried at the optimal therapeutic dose and duration before adding new medications Assessing whether adherence to prescribed medications has been adequate Using treatment algorithms for incomplete or refractory response Reviewing medication use and adherence with patient and/or family. Treatment outcomes are best when a multimodal approach is used combining psychotherapy (such as cognitive-behavioral therapy), family interventions, school consultation, and pharmacotherapy as needed (Walkup 2008). 	<ul style="list-style-type: none"> AACAP Practice Parameter for the Assessment and Treatment of Children and Adolescents with Anxiety Disorders. <i>J Am Acad Child and Adolescent Psychiatry</i>. 2007; 46:287-293. Ipsier JC, et al: Pharmacotherapy for anxiety disorders in children and adolescents. <i>Cochrane Database Syst Rev</i> 2009;8:CD005170. March JS, Vitiello B: Benefits, Risks of New Antidepressant Medications in Youth - Maybe. <i>Clinical Pharmacology and Therapeutics</i> 2009;86(4):355-367. Walkup JT, et al: Cognitive Behavioral Therapy, Sertraline or a Combination in Childhood Anxiety. <i>N Engl J Med</i> 2008; 359(26):2753-2766. Itomaki R, et al: Psychotropic medication history of inpatient adolescents—is there a rationale for benzodiazepine prescription? <i>Addict Behav</i> 2011;36:181-185. Cunningham CM, et al: Patterns in the use of benzodiazepines in British Columbia: examining the impact of increasing research and guideline cautions against long-term use. <i>Health Policy</i> 2010;97:122-129. Esposito E, et al: Patterns of benzodiazepine use in a Canadian population sample. <i>Epidemiol Psychiatr Soc</i> 2009;18:248-254. Generalised anxiety disorder and panic disorder (with or without agoraphobia) in adults. NICE clinical guideline 113. 2011.

Produce Reports

Reports showing the current list of patients, prescribers or QIs can be produced in Excel. Shorter reports, those created when using the various filters to create subset populations, will download much more quickly. To produce the report, just click on the desired report format using the icons on the upper right of the screen.

Click the report icon to generate a report for the current list.

Integrated Health Profiles

The IHP includes patient demographics, diagnoses, essential health and pharmacy alerts, current QI flags and medications, hospitalizations and emergency room visits and outpatient services.

IHP Data Ranges			
General Diagnoses:	Past 12 months	Chronic Diagnoses:	Ongoing
Hospitalizations:	Past 12 months	ER Visits:	Past 12 months
Pharmacy Alerts:	Last 3 Months	Community Services:	Past 12 Months
Health Alerts:	Varies 3 months - 2 years	QI & Pharmacy Lists:	Last 3 Months

The data boxes can be moved around the patient’s IHP to your preference. Once the layout is saved, all of the patient IHPs will display with the new layout. If you need to print a few boxes but do not want to save the format or apply it to other patients, click the X to close the boxes you don’t need and then move around the boxes you keep. Do a screen print and then X out of the IHP without saving.

There are several places throughout ProAct where the IHP can be accessed by right clicking on the patient’s row and then clicking on “Patient IHP.”

Patient ID	First	Last	DOB	Age	CM Measure Count	Adherence Count	Behavioral Diagnosis Count	Comorbid Diagnosis Count	Hospital Count	ER Count
> 100000007	Joaquin	Somali	07/19/1955	58	0	1	0	2	0	1
> 100000008	Michael-James	Barnet	06/26		0	0	0	7	1	2
> 100000011	Kayci	Lubell	12/16		0	0	0	6	1	1
> 100000017	Tammie	Atwood	02/09/1965	48	0	0	0	5	0	0
> 100000018	Vhairi	Lennox	01/05/1952	61	0	0	0	6	0	0
> 100000019	Jamey	Pottawatomie	03/03/1963	50	0	0	0	1	0	0

The ‘Patient IHP’ will appear as a pop-up window that can be enlarged to fit the whole screen. The scroll bar on the right permits all the data on the IHP to be read.

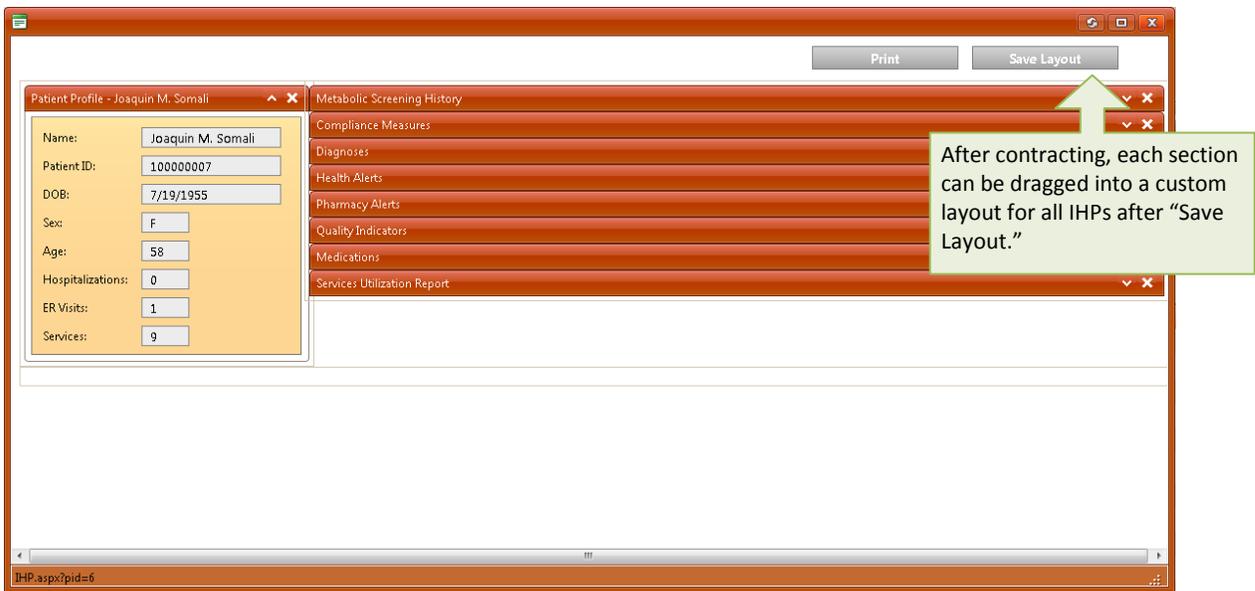


The top screenshot shows the IHP interface for patient Joaquin M. Somali. On the left is the 'Patient Profile' section with fields for Name, Patient ID, DOB, Sex, Age, Hospitalizations, ER Visits, and Services. The main area is titled 'Metabolic Screening History' and contains sections for 'Compliance Measures', 'Clinical Updates', and 'Diagnoses'. The 'Diagnoses' section is currently collapsed.

The bottom screenshot shows the same IHP interface, but the 'Diagnoses' section is expanded. It displays a date range 'From: 7/1/2013 to 9/30/2013' and lists conditions under 'Behavioral Conditions', 'Co-morbid Conditions', and 'Other'. Below this are sections for 'Health Alerts', 'Pharmacy Alerts', and 'Drug-Drug Interactions and Contraindications'.

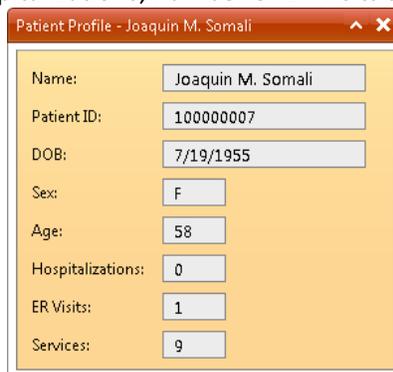
Each section of the IHP can be expanded or contracted by clicking on the "X" and "A" symbols.

Scrolling down the IHP reveals more patient information.



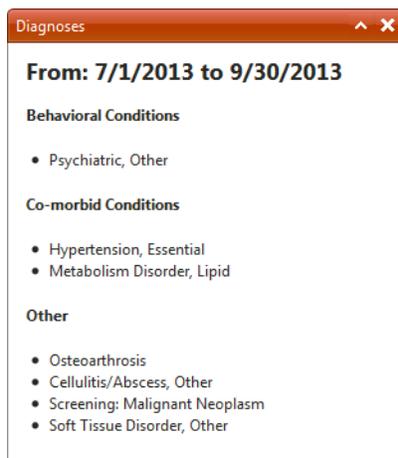
Patient Profile

The Patient Profile gives basic information on the selected Patient such as Patient’s name, Patient’s ID, date of birth, gender, age, number of hospitalizations, number of ER visits and number of service claims.



Diagnoses

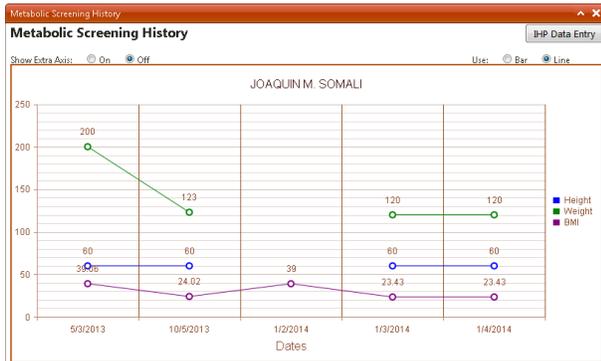
The Diagnoses window list the Patient’s current diagnoses for the given time period, such as Behavioral, Co-morbid and other conditions.



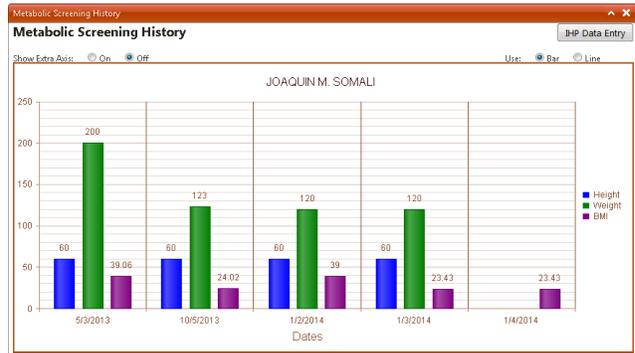
Metabolic Screen History

Line and Bar Graph

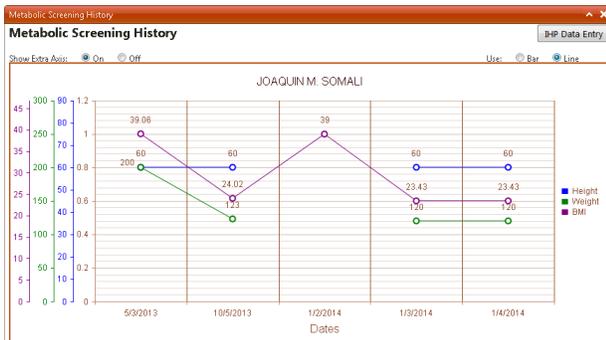
Within the Metabolic Screen History window users have the ability to add additional axis and/or change the graph setting to a bar or line graph by turning on or off the given radio buttons.



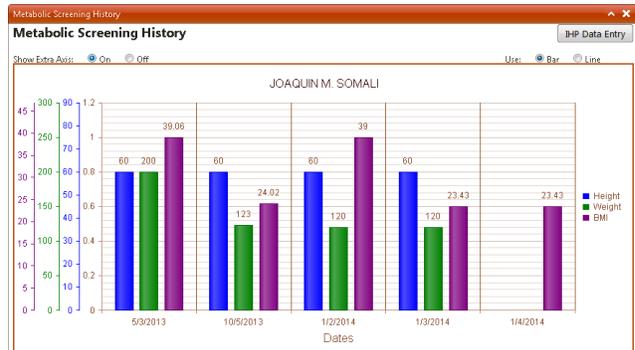
Line Graph



Bar Graph



Line Graph with Extra Axis



Bar Graph with Extra Axis

Data Chart

The data within the graph can be modified from the Data Chart by selecting the corresponding attributes and dates. To view the Data Chart scroll down within the Metabolic Screen History window.

Graph	Attributes	Units	<input checked="" type="checkbox"/>				
			5/3/2013	10/5/2013	1/2/2014	1/3/2014	1/4/2014
<input checked="" type="checkbox"/>	Height	Inches	60.00	60.00		60.00	60.00
<input checked="" type="checkbox"/>	Weight	Pounds	200.00	123.00		150.00	120.00
<input checked="" type="checkbox"/>	BMI		39.06	24.02	39	23.43	23.43
<input type="checkbox"/>	Waist	Inches		34.00			30.00
<input type="checkbox"/>	Blood Pressure	mmHg		178 / 65			120 / 60
<input type="checkbox"/>	Blood Glucose	mg/dl		234			100
<input type="checkbox"/>	HbA1c	%	20	4.56			25.00
<input type="checkbox"/>	Total Cholesterol	mg/dl		190			100
<input type="checkbox"/>	LDL	mg/dl		189.00			60.00
<input type="checkbox"/>	HDL	mg/dl		34.00			40.00
<input type="checkbox"/>	Triglycerides	mg/dl		134.00			150.00
	Antipsychotic Use			Yes		No	No
	Pregnant		No	Yes		No	No
	Smoker			Yes		No	No

Select the box to Add/Remove Attributes from Graph.

Select the box to Add/Remove Dates from Graph.

Compliance Measures

Compliance Measures

The Compliance Measures screen contains a summary of the Patient data.

Clinical Updates

The “Clinical Updates” data entry tool allows providers to input confirmed updates regarding the client’s health status. These updates include “incorrect diagnosis”, “treatment complete”, and “alternate treatment approved.” This information stays in the system for 12 months, and will update the client’s status in any related DM measure. For example, if a client is confirmed not having a diagnosis of diabetes, then they will be removed from being included any diabetes measure for 12 months after the clinical update is entered.

The screenshot shows a window titled "Compliance Measures". It contains a section for "Compliance Measure" with a table:

Title	Description
DM04	Use of statin medications by persons with a history of CAD (coronary artery disease).
LDL Control Cardio (A)	% of patients 18-75 years and older with a diagnosis of CAD with lipid level adequately controlled (LDL <100 mg/dL).
BP Control HTN (A)	% of patients 18 years and older with a diagnosis of hypertension with a blood pressure <140/90 mmHg during the most recent office visit within a 12 month period

Below this is a section for "Clinical Updates" with a "+ Add new record" button and a table with columns: Update Type, Comments, Effective Date, and End Date. The table is currently empty with the text "No relevant data for this section."

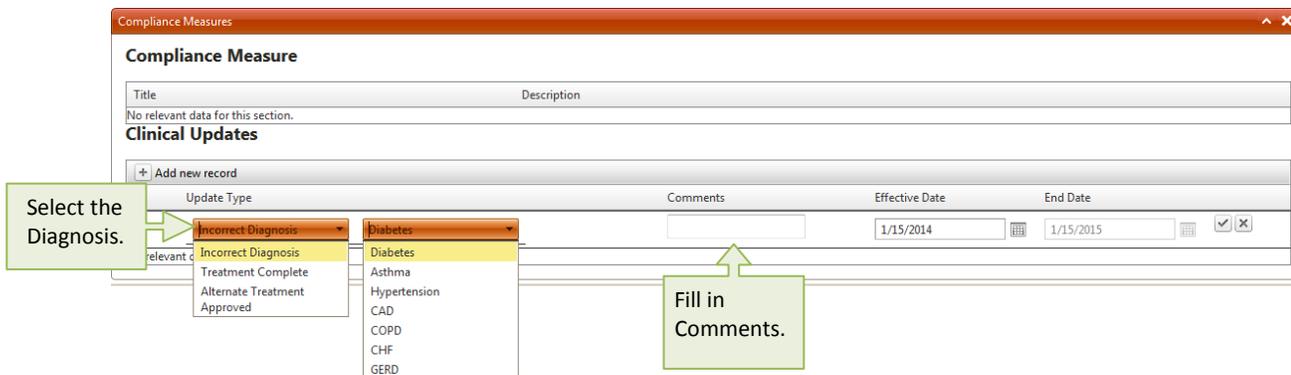
Adding new record to Clinical Updates

To update an entry, click to add a new “Clinical Update”. Then select the “Update Type” from the drop down box by selecting the diagnosis that is incorrect. Within the “comment box,” enter any necessary details, and then select the effective date. The “end date” will auto populate based on the Client’s specifications. These updates are tied only to DM indicators at this time.

This screenshot shows the same window as above, but with a new record added to the "Clinical Updates" table. A green callout box on the left says "Click to Add New Record." with an arrow pointing to the "+ Add new record" button. The table now contains one row:

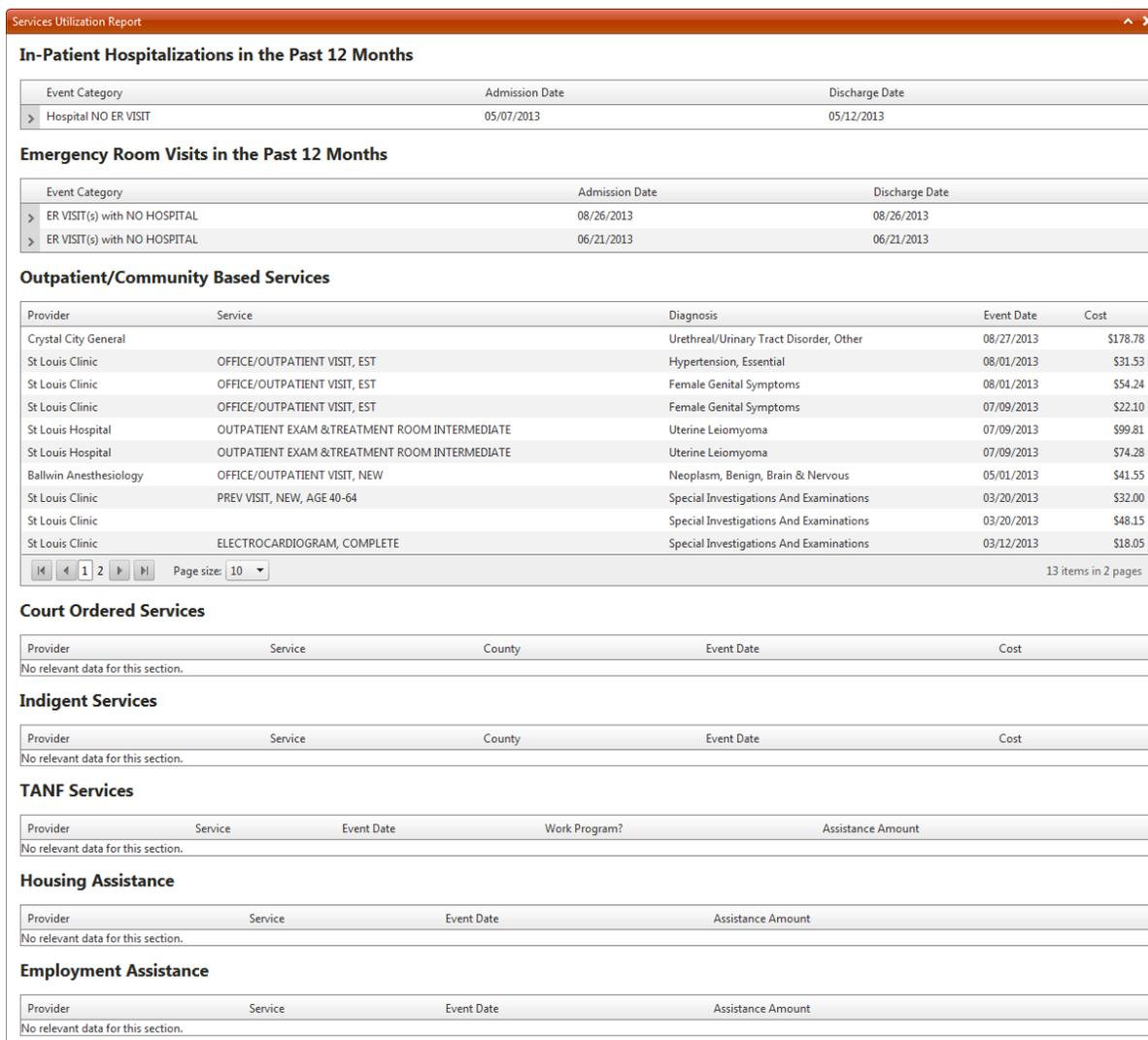
Update Type	Comments	Effective Date	End Date
Incorrect Diagnosis	Diabetes	1/15/2014	1/15/2015

The text "No relevant data for this section." is still present at the bottom of the table area.



Services Utilization Reports

The Services Utilization Reports list the Patient’s in-patient, outpatient and professional claims data.



Quality Indicators

The QI window displays the QI number and description, the number of claims, and the amount of money associated with that indicator for the 3 month reporting period.

QI	Description	Claims	Amount Paid
206	Use of 5 or More Psychotropics for 60 or More Days	23	\$46.41
207	Use of 3 or More Psychotropics for 60 or More Days	23	\$46.41
211	Use of 2 or More Insomnia Agents for 60 or More Days	8	\$5.16

Medications

The medications window lists all Patient medication history. The window displays the drug name, the dosage strength, days supplied, calculates dose per day, quantity dispensed, data filled, cost, Prescribing Physician and Pharmacy. Click the box next to “Current Medications Only” to view current medication for the given reporting period.

Click to view all current medication.

Medications										
<input type="checkbox"/> Current Medications Only										
Drag a column header and drop it here to group by that column										
Drug Name	Dosage Strength	Days Supply	Dose Per Day	Quantity Dispensed	Date Filled	Filled in the Past 30 Days	Cost	Prescribing Physician	Pharmacy	
PRAZOSIN	1.0000	mg 30	1.0	30.000	09/30/2013	<input checked="" type="checkbox"/>	\$0.01	Connor-David Z. Ballards	Fulton General	
SIMVASTATIN	40.0000	mg 30	1.0	30.000	09/24/2013	<input checked="" type="checkbox"/>	\$0.06	Bruce V. Bellovin	Fulton General	
FLUTICASON	0.2500	mcg 30	2.0	60.000	09/24/2013	<input checked="" type="checkbox"/>	\$0.06	Bruce V. Bellovin	Fulton General	
TRAZODONE	100.0000	mg 7	2.0	14.000	09/24/2013	<input checked="" type="checkbox"/>	\$0.06	Connor-David Z. Ballards	Fulton General	
SERTRALINE	100.0000	mg 7	2.0	14.000	09/24/2013	<input checked="" type="checkbox"/>	\$0.06	Connor-David Z. Ballards	Fulton General	
CARBAMAZEPINE	200.0000	mg 7	4.4	31.000	09/24/2013	<input checked="" type="checkbox"/>	\$0.06	Connor-David Z. Ballards	Fulton General	
NORTRIPTYLINE	25.0000	mg 11	1.0	11.000	09/20/2013	<input checked="" type="checkbox"/>	\$0.09	Keigan U. Mekong	Fulton General	
CLOPIDOGREL	75.0000	mg 30	1.0	30.000	09/16/2013	<input checked="" type="checkbox"/>	\$0.13	Bruce V. Bellovin	Fulton General	
FUROSEMIDE	20.0000	mg 30	1.0	30.000	09/16/2013	<input checked="" type="checkbox"/>	\$0.13	Bruce V. Bellovin	Fulton General	
ZOLPIDEM	10.0000	mg 15	1.0	15.000	09/16/2013	<input checked="" type="checkbox"/>	\$0.13	Connor-David Z. Ballards	Fulton General	

Page size: 10 | 39 items in 4 pages

Pharmacy Alerts

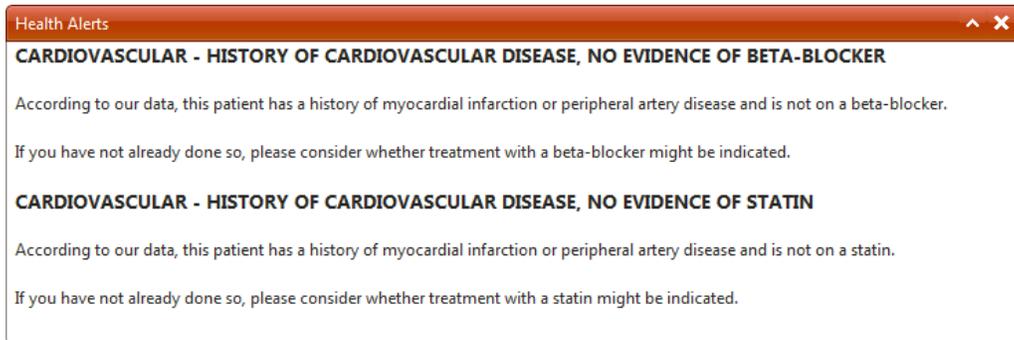
Pharmacy Alerts appear when a Patient is taking two or more drugs at the same time and they are at risk of severe adverse interaction.

Drug-Drug Interactions and Contraindications	
<i>(Please note that Drug-Drug Interactions and Contraindications may include prescriptions filled after the end of the reporting period. These drugs will not be listed in the Medications and Adherence section.)</i>	
Drug Name	Severity Level
DIAZEPAM - FLUCONAZOLE	3
QUETIAPINE FUMARATE - FLUCONAZOLE	3
BUPROPION HCL - QUETIAPINE FUMARATE	3
BUPROPION HCL - METOPROLOL TARTRATE	3
FLUCONAZOLE - QUETIAPINE FUMARATE	3
FLUCONAZOLE - DICLOFENAC SODIUM	3
FLUCONAZOLE - DIAZEPAM	3

Severity Level 1: Contraindicated Drug Combination – this drug combination is clearly contraindicated in all cases and should not be dispensed or administered to the same patient.
Severity Level 2: Severe Interaction – action is required to reduce risk of severe adverse interaction.
Severity Level 3: Moderate Interaction – assess risk to patient and take action as needed.

Health Alerts

Health Alerts appear when the triggering of Quality Indicators becomes severe.



Entering Clinical Overrides and Metabolic Screening Data

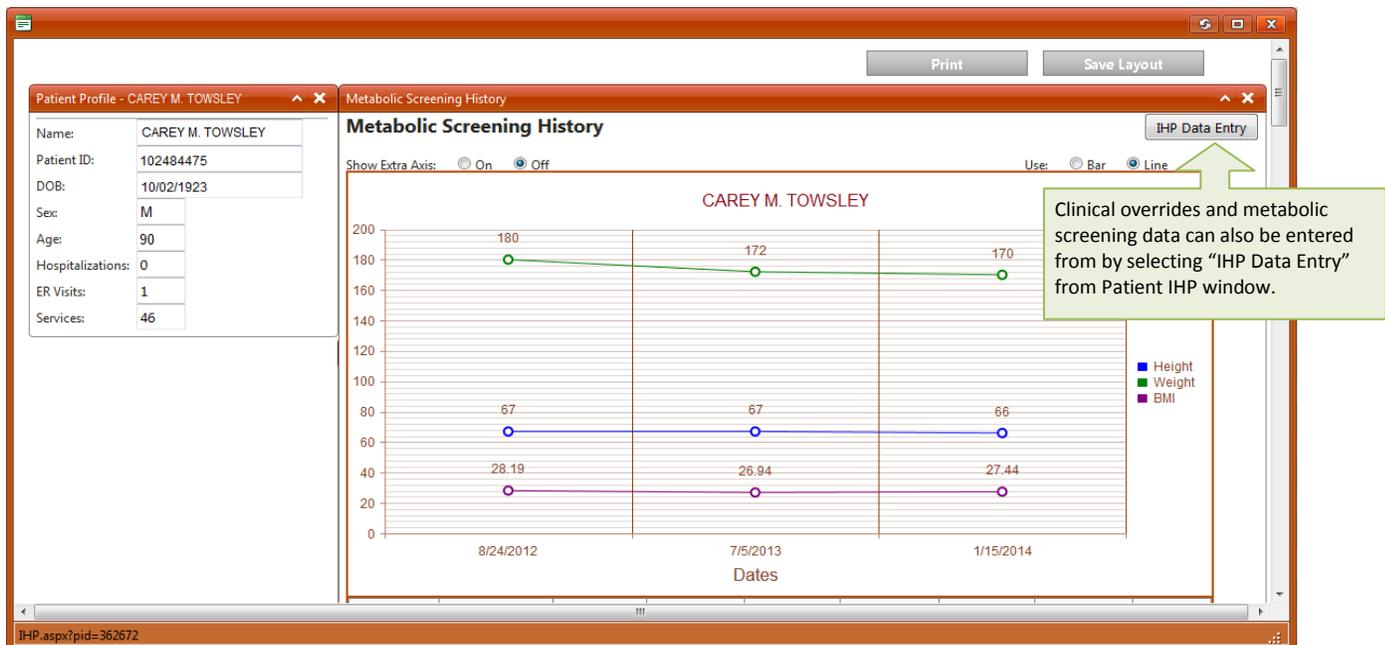
Non-claims data, such as Blood Glucose levels, Blood Pressure and BMI, is used in calculating some of the Compliance Measures. This data can be directly entered into ProAct by selecting 'IHP Data Entry' from the IHP member list page or 'IHP edit Data' from the Patient IHP window.

Client: CMT Demo cmtdemo@cmthealthcare.com (Logout) Change Password

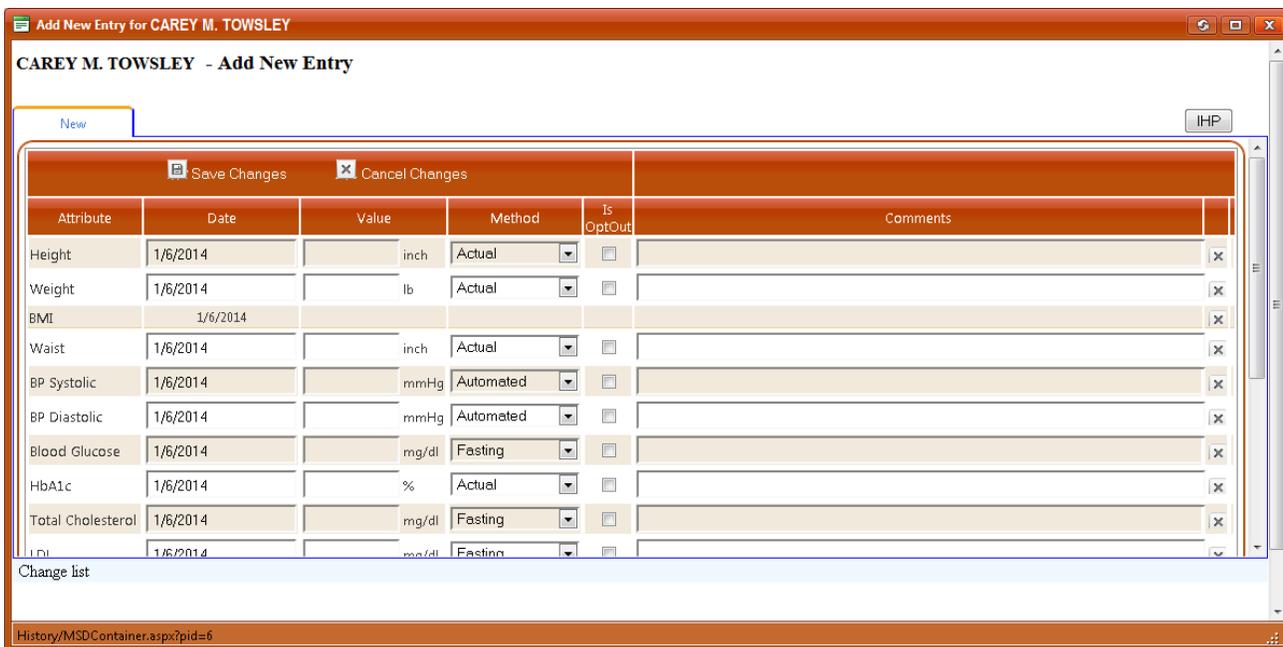
Member List CMHC Member List

Patient ID	First	Last	Date of Birth	Age	Health Home	BPM QI Count	OPQ QI Count	CM Measure Count	Adherence Count	Behavioral Diagnosis Count	Comorbid Diagnosis Count	Hospital Count	ER Count
102484415	Alecia	Mayflower	03/30/1932	81		0	0	0	0	0	0	0	0
102484419	Rebecca	Mouthe	08/25/1948	65		0	0	0	0	0	0	0	0
102484475	Carey	Towsley	10/02/1923	90		0	0	6	0	0	0	0	1
102484463	Linden	Cecropia	06/08			0	0	0	0	0	0	0	0
102484453	Jarred	Hibbard	01/02			0	0	0	0	0	0	0	0
102484498	Jeya	Nicaragua	08/18/1985	28		0	0	0	0	0	0	0	0
102484486	Marvellous	Moor	11/17/1965	47		0	0	0	0	0	0	0	0

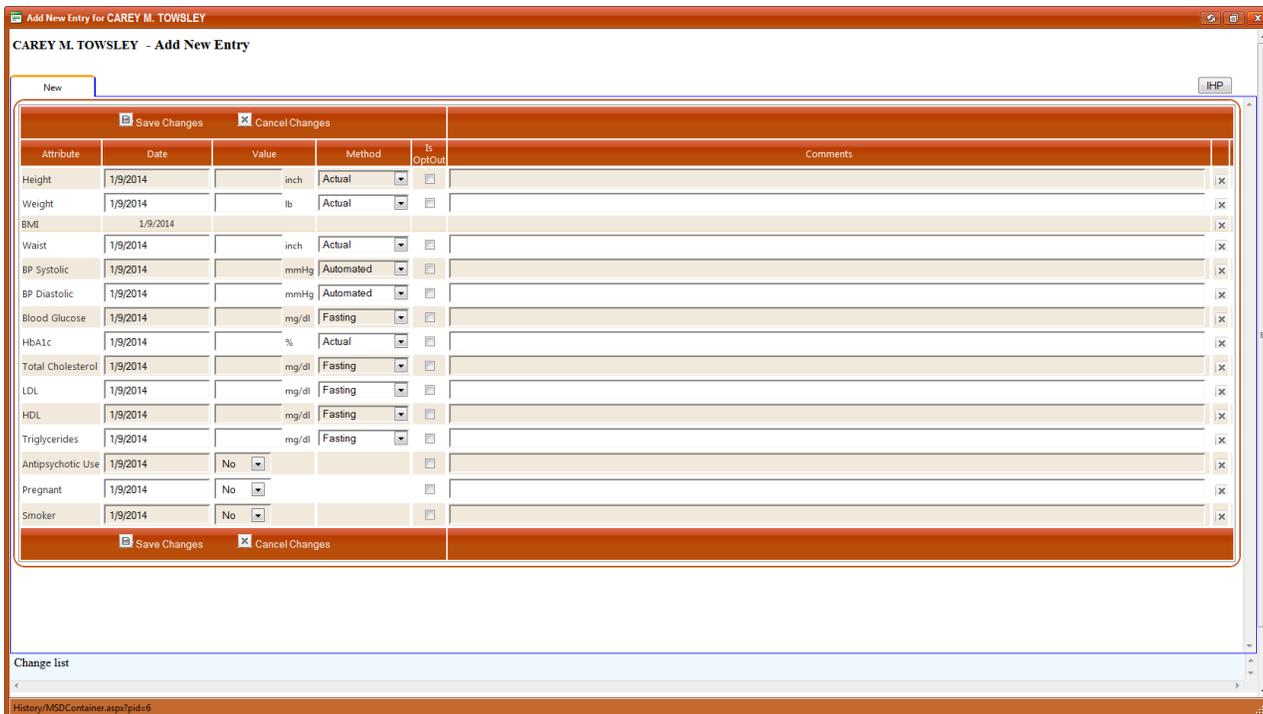
Right click on the patient's row and then select "IHP Data Entry" to enter Clinical overrides and metabolic screening data.



In addition, end users may add clinical over-rides, such as diagnoses clarifications, that changes which data is considered during calculation of some Compliance Measures; however, it does not change the data.



The IHP Data Entry will be a pop-up window that can be enlarged to fit the whole screen. The scroll bar on the right permits all the data on the IHP Data Entry screen to be read and ability to add new attributes.



Entering Data

Within the Add New Entry window users will see the following columns: Attribute, Date, Value, Method, Is Opt out and Comments. When entering data all columns are required except for Opt out (consumer declined participation) and the comments field.

Attribute	Date	Value	Method	Is Opt Out	Comments
Height	1/16/2014	inch	Actual	<input type="checkbox"/>	
Weight		lb	Actual	<input type="checkbox"/>	
BMI				<input type="checkbox"/>	
Waist		inch		<input type="checkbox"/>	
BP Systolic		mmHg	Automated	<input type="checkbox"/>	
BP Diastolic		mmHg	Automated	<input type="checkbox"/>	
Blood Glucose		mg/dl		<input type="checkbox"/>	
HbA1c		%		<input type="checkbox"/>	
Total Cholesterol		mg/dl		<input type="checkbox"/>	
LDL	1/16/2014	mg/dl	Fasting	<input type="checkbox"/>	
HDL	1/16/2014	mg/dl	Fasting	<input type="checkbox"/>	
Triglycerides	1/16/2014	mg/dl	Fasting	<input type="checkbox"/>	
Antipsychotic Use	1/16/2014			<input type="checkbox"/>	
Pregnant	1/16/2014	No		<input type="checkbox"/>	
Smoker	1/16/2014			<input type="checkbox"/>	

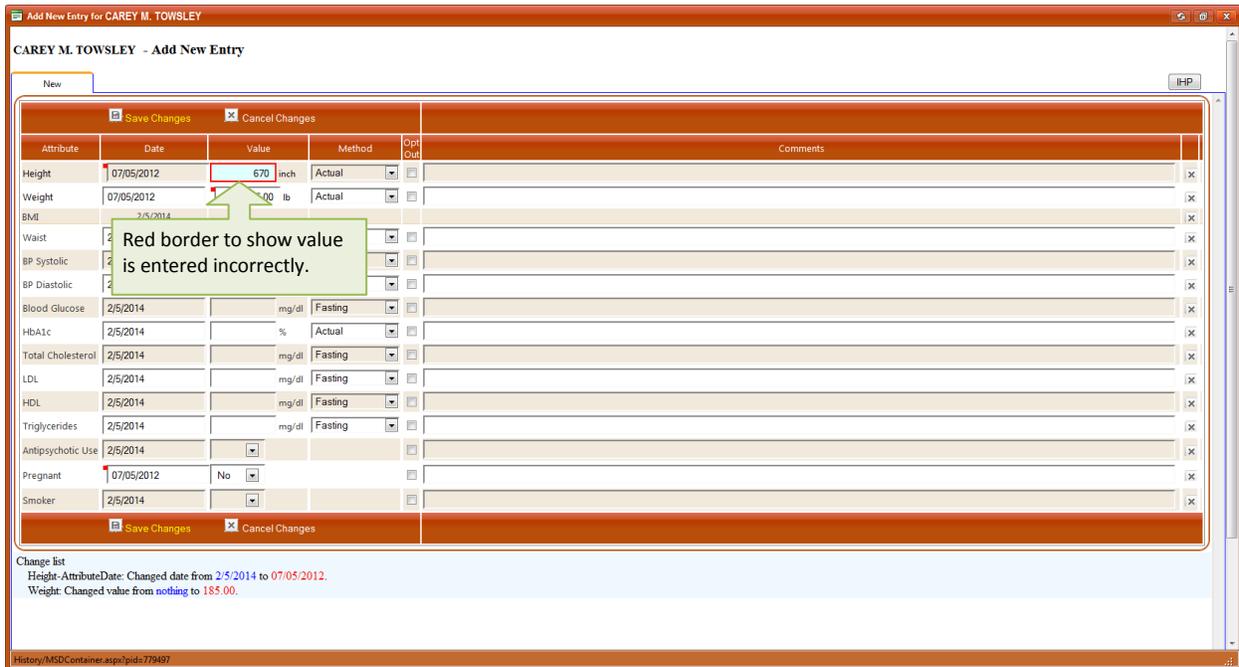
In order for a screening to be considered complete or OK, an acceptable value must be entered along with a date within the previous 12-months for Height, Weight, BP Systolic, BP Diastolic, Total Cholesterol, LDL, HDL, and Triglycerides. Use the mouse to hover over the entry box to view which data range is considered to be an acceptable value. There are three yes/no questions: Antipsychotic Use, Pregnant, and Smoker. Patient's pregnancy status automatically updates to 'No' once a new entry has been entered within any data fields. BMI is auto calculated when both height and weight are entered. Waist is optional.

Attribute	Date	Value	Method	Is Opt Out	Comments
Height	07/05/2012	67.00 inch	Actual	<input type="checkbox"/>	
Weight	07/05/2012	185.00 lb	Actual	<input type="checkbox"/>	
BMI	2/4/2014			<input type="checkbox"/>	
Waist	2/4/2014	inch	Actual	<input type="checkbox"/>	
BP Systolic	2/4/2014	mmHg	Automated	<input type="checkbox"/>	
BP Diastolic	2/4/2014	mmHg	Automated	<input type="checkbox"/>	
Blood Glucose	2/4/2014	mg/dl		<input type="checkbox"/>	
HbA1c	2/4/2014	%		<input type="checkbox"/>	
Total Cholesterol	2/4/2014	mg/dl		<input type="checkbox"/>	
LDL	2/4/2014	mg/dl	Fasting	<input type="checkbox"/>	
HDL	2/4/2014	mg/dl	Fasting	<input type="checkbox"/>	
Triglycerides	2/4/2014	mg		<input type="checkbox"/>	
Antipsychotic Use	2/4/2014			<input type="checkbox"/>	
Pregnant	07/05/2012	No		<input type="checkbox"/>	
Smoker	2/4/2014			<input type="checkbox"/>	

Change list
 Height-AttributeDate: Changed date from 2/4/2014 to 07/05/2012.
 Height: Changed value from nothing to 67.00.
 Weight: Changed value from nothing to 185.00.

Error Message

An error message will appear if a value is missing and/or incorrectly entered within the given field. Once a new date has been selected the corresponding value will be required. If a value is entered incorrectly a red border will appear around the text field. Users can view the correct data range for entry by hovering over the value box.



In the event “Save Changes” is selected and data is missing or incorrectly entered, an Error message will appear at the bottom-right of the screen.



Tracking Changes

All changes within the IHP data entry window can be found at the bottom left of the screen. Use the scroll menu located to the right to view the entire change list. The small red box located in the upper left corner of each text field implies a change has been made.

Red Box that indicates a change as occurred

Attribute	Date	Value	Method	In/Out	Comments
Height	07/05/2012	67.00 inch	Actual		
Weight	07/05/2012	185.00 lb	Actual		
2/4/2014					
Waist	2/4/2014	42.00 inch	Actual		
BP Systolic	2/4/2014	120 mmHg	Automated		
BP Diastolic	2/4/2014	60 mmHg	Automated		
Blood Glucose	2/4/2014		Fasting		
HbA1c	2/4/2014		Actual		
Total Cholesterol	2/4/2014		Fasting		
LDL	2/4/2014		Fasting		
HDL	2/4/2014		Fasting		
Triglycerides	2/4/2014		Fasting		
Antipsychotic Use	07/05/2013	No			
Pregnant	07/05/2012	No			
Smoker	07/05/2012	No			

Change list
 Height-AttributeDate: Changed date from 2/4/2014 to 07/05/2012.
 Height: Changed value from nothing to 67.00.
 Weight: Changed value from nothing to 185.00.
 Waist: Changed value from nothing to 42.00.
 BP Systolic: Changed value from nothing to 120.
 BP Diastolic: Changed value from nothing to 60.
 Antipsychotic Use-AttributeDate: Changed date from 2/4/2014 to 07/05/2013.
 Smoker-AttributeDate: Changed date from 2/4/2014 to 07/05/2012.
 Antipsychotic Use: Changed value from nothing to No.
 Smoker: Changed value from nothing to No.
 HbA1c-IsOptOut: Changed IsOptOut from False to true.
 Total Cholesterol-IsOptOut: Changed IsOptOut from False to true.

Track changes using 'Change list'.

Scroll down to view change list.

Canceling Changes

To cancel changes within a single row, select the box located of the far right of the corresponding row. In order to cancel all changes select "Cancel Changes" located at the top and bottom of screen.

Cancel changes

Remove changes within a given row

Cancel changes

Saving Changes

After data has been successful entered, the new data entry can be saved by clicking “Save Changes” located at the top and bottom of screen. To view saved changes select the IHP icon located at the upper right corner of the data entry screen.

Save Changes.

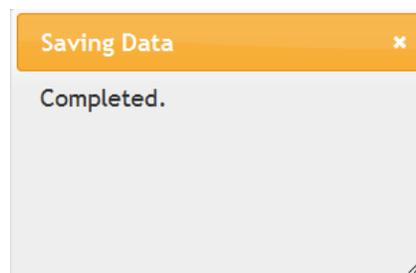
Click 'IHP' to view changes.

Attribute	Date	Value	Method	Opt Out	Comments
Height	07/05/2012	67.00 inch	Actual	<input type="checkbox"/>	
Weight	07/05/2012	185.00 lb	Actual	<input type="checkbox"/>	
BMI	2/4/2014			<input type="checkbox"/>	
Waist	2/4/2014	42.00 inch	Actual	<input type="checkbox"/>	
BP Systolic	2/4/2014	120 mmHg	Automated	<input type="checkbox"/>	
BP Diastolic	2/4/2014	60 mmHg	Automated	<input type="checkbox"/>	
Blood Glucose	2/4/2014		Fasting	<input type="checkbox"/>	
HbA1c	2/4/2014		Actual	<input checked="" type="checkbox"/>	
Total Cholesterol	2/4/2014		Fasting	<input checked="" type="checkbox"/>	
LDL	2/4/2014		Fasting	<input checked="" type="checkbox"/>	
HDL	2/4/2014		Fasting	<input checked="" type="checkbox"/>	
Triglycerides	2/4/2014		Fasting	<input checked="" type="checkbox"/>	
Antipsychotic Use	07/05/2013	No		<input type="checkbox"/>	
Pregnant	07/05/2012	No		<input type="checkbox"/>	
Smoker	07/05/2012	No		<input type="checkbox"/>	

Save Changes.

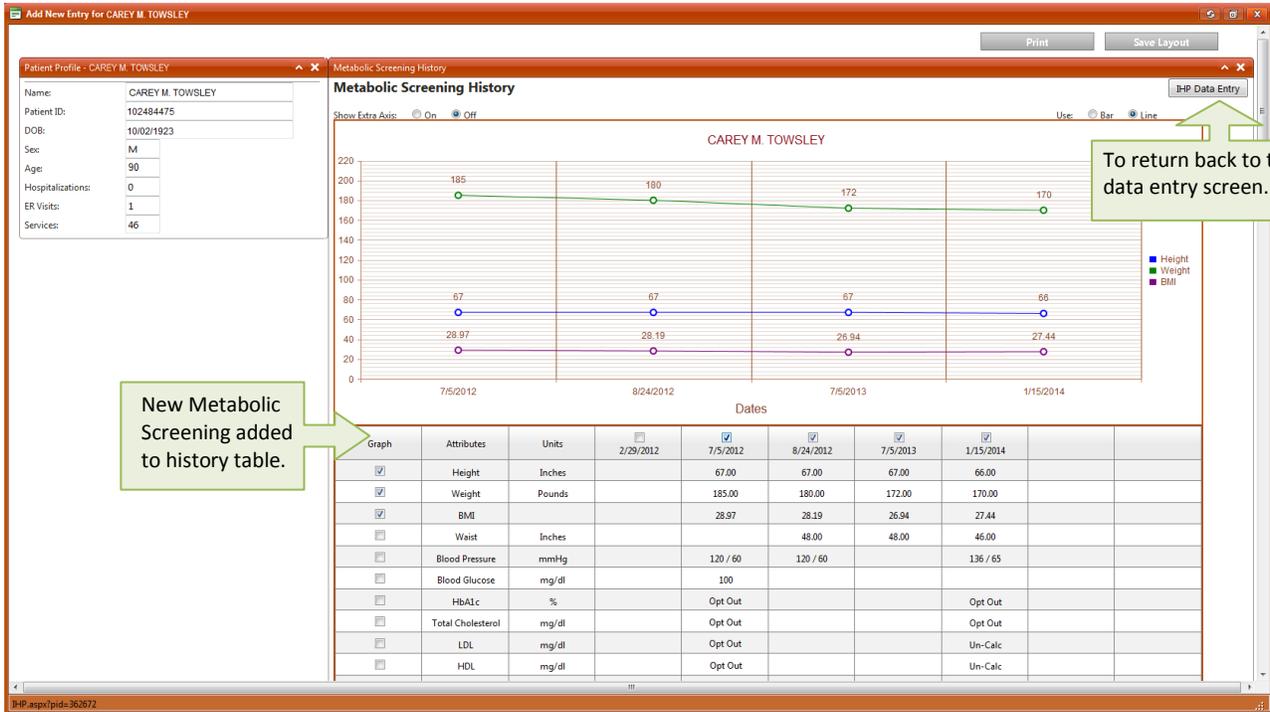
Change list
 Height: 014 to 07/05/2012.
 Height:
 Weight:
 Waist: Changed value from nothing to 42.00.
 BP Systolic: Changed value from nothing to 120.
 BP Diastolic: Changed value from nothing to 60.
 History/MSDContainer.aspx?id=468533

Once save is complete a pop-up window will appear on screen followed by a blank Metabolic Screening Data Entry form.

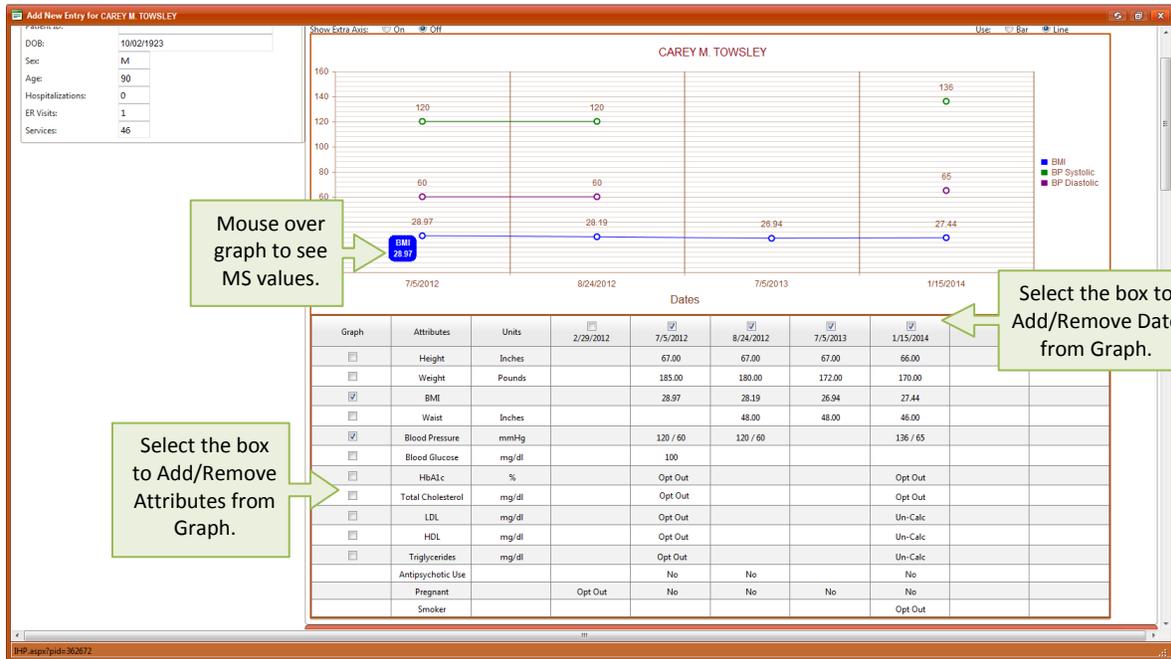


Patient's IHP

After selecting "IHP" from the Add New Entry screen, the new Metabolic Screening entry will be added to history table and graph.



In order to add or remove additional attributes and dates within the Graph, select the corresponding box next to the desired Attribute and/or Date. Users can also view Attributes values by using their mouse and hovering over the graph.

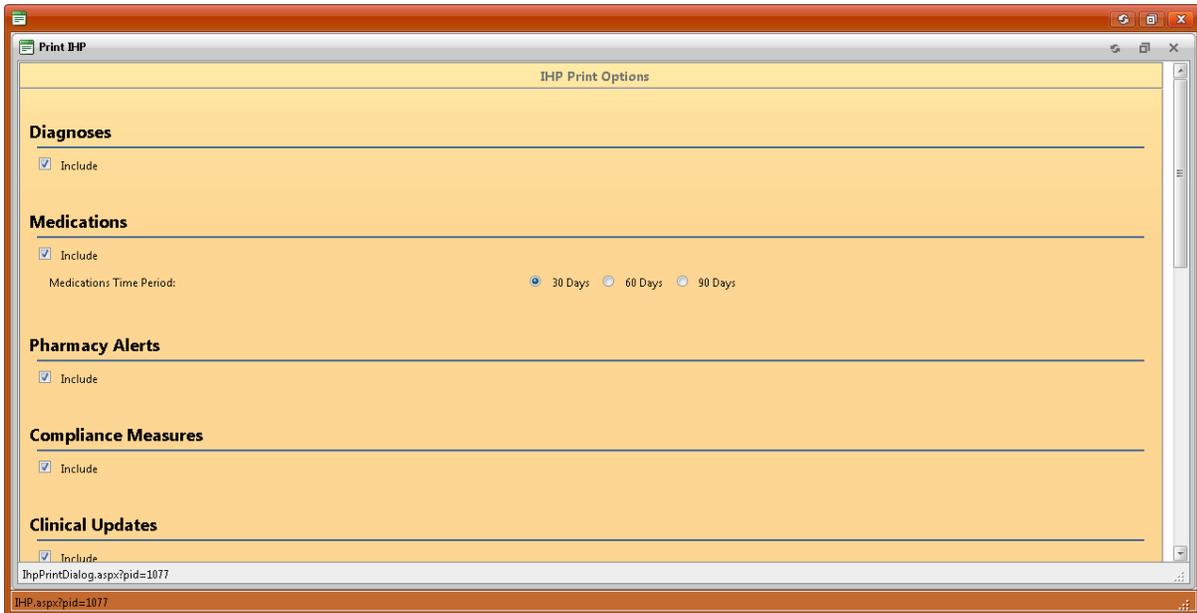


IHP Print

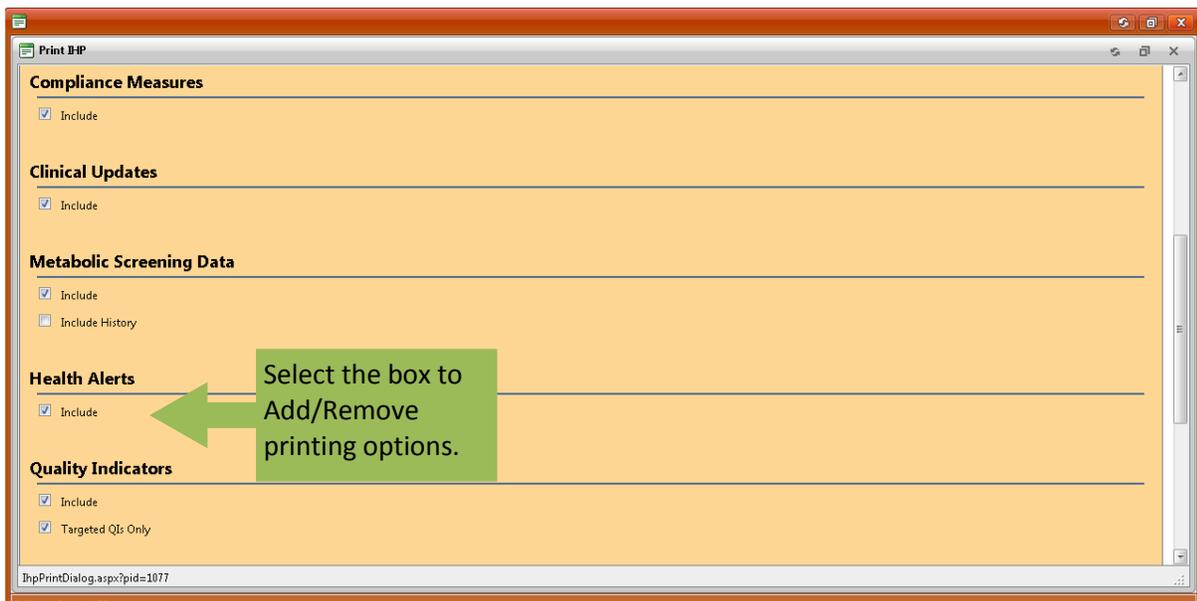
IHP Print allows users to print their Patient's Integrated Health Profile information. Users can access the print page, by selecting "Print" from the top right corner (next to the save layout button) of the Patient's IHP window.



Once “Print” has been select the following window will appear on the screen. Use the small box(es) located underneath each IHP to select and remove Patine’s IHP. By default all boxes will be selected.

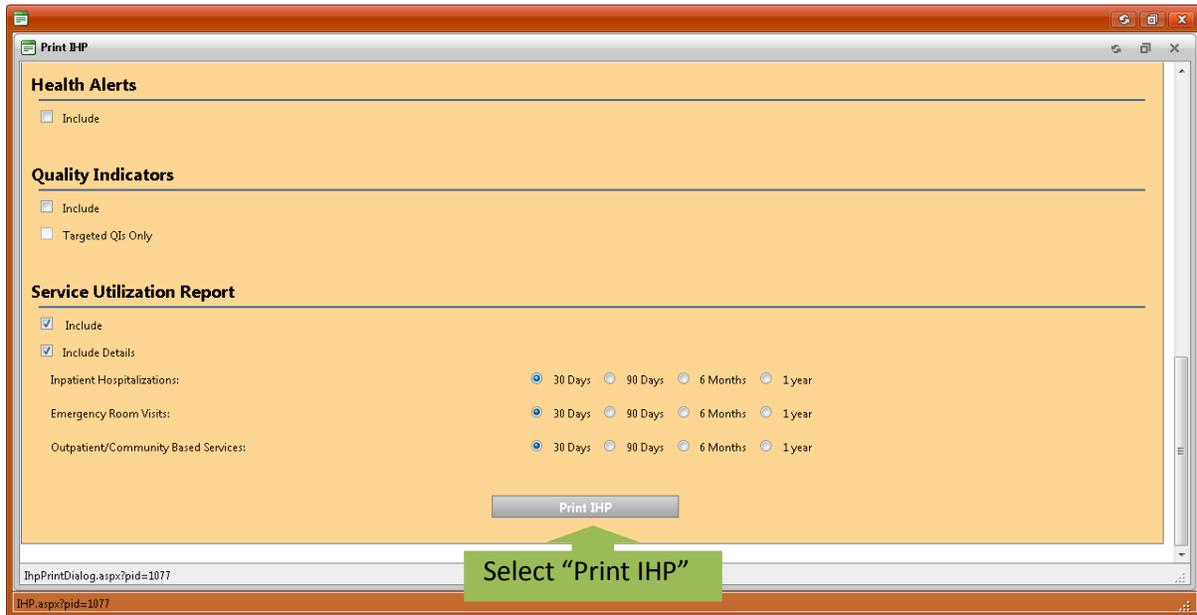


Use the scroll button to view all printing options

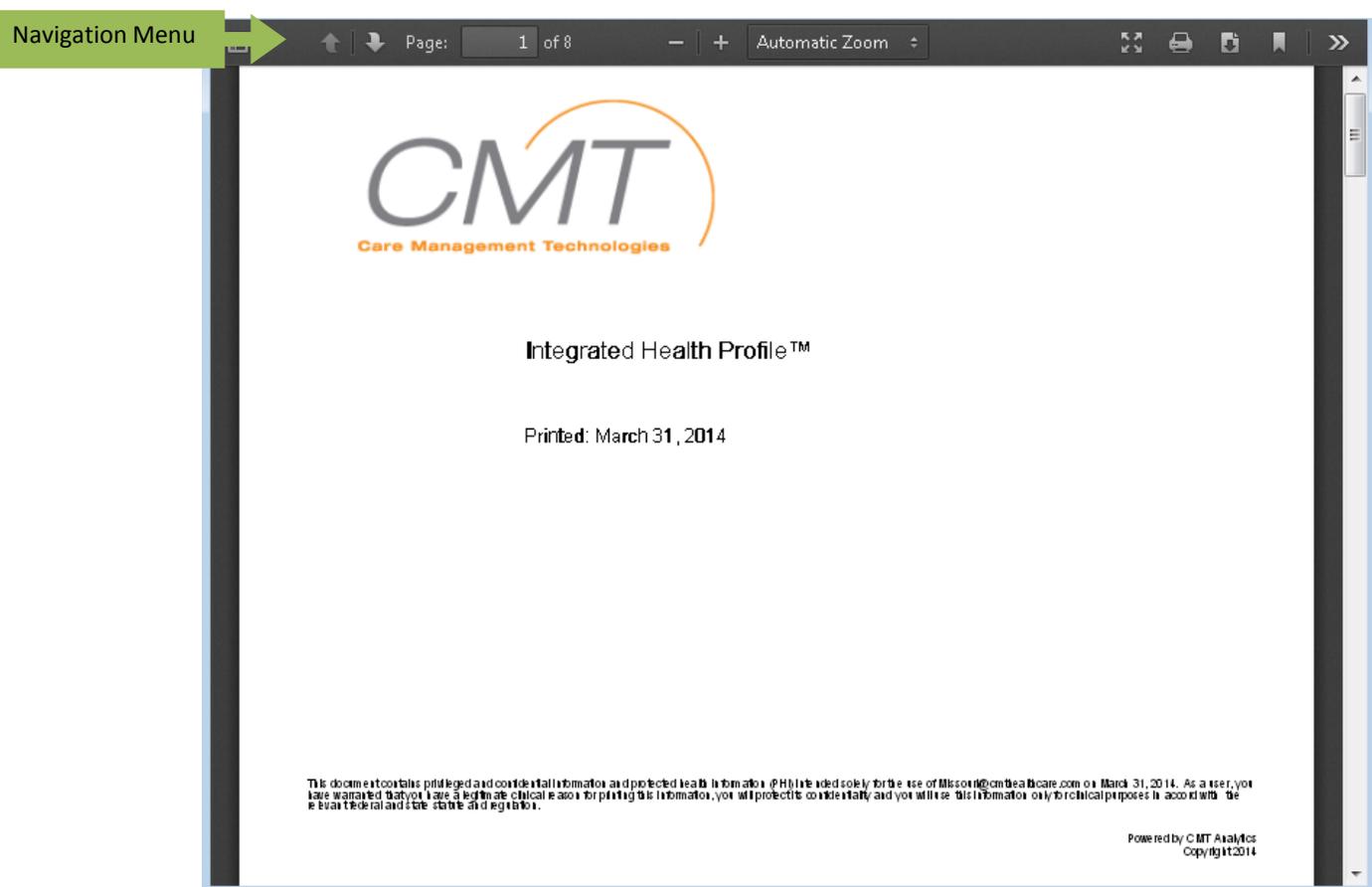


Select the box to Add/Remove printing options.

After selecting all corresponding printing options, scroll down to bottom of page to print Patient's IHP.



A new window will appear containing a .PDF file, once "Print IHP" is selected. Use the navigation menu at the top of the page to view all pages, download file, and/or print.



FAQs

- 1) **I know I have the correct password and User ID but I keep getting an error message. What am I doing wrong?**

Ensure that you are using the correct Client ID (case sensitive) and that you are not pasting extra blanks when you are copy and pasting your User ID and password. Put the cursor behind them to make sure the cursor is right up behind the User ID or password. If not, back space until it is. The first picture below shows the cursor with blanks, the system will read these blanks and prevent access. The other picture shows the correct position of the cursor with no blanks.



- 2) **How do I produce a report to hand to the prescriber regarding the medication and QI details of his/her patient?**

Currently the Excel reports that can be produced are for list levels (e.g. QIs and prescriber/patient counts, prescriber names and their high level QI data, etc.) which can also be filtered and sorted to create a subset before selecting to print. To capture the drill down detail, do a print screen command and paste into a word document.

Once you have the view on your screen that you want to copy, press both the “Ctrl” and “Prnt Scrn” keys at the same time then open up a blank Word document, right click your mouse and select “paste.”

- 3) **The screen view looks different than the first time I was trained. Is this normal?**

Yes, *ProAct* is undergoing development (adding new reporting features) and enhancement work behind the scenes. As things are ready for release they will appear on the *ProAct* site the next time you log in. This user guide will also continue to be revised to reflect the updates in terms of new data sources and increased functionality.

- 4) **Does the system know each time I log on and what I did?**

ProAct does have the functionality to produce reports that show which user(s) viewed patient information, including what type of information and the time/date.

- 5) **I have some ideas that I think will make *ProAct* easier to use for what I do. Can we get changes made to *ProAct*?**

CMT has a product development team and always welcomes new ideas. CMT considers new ideas based on commonality of user requests as well as overall market strategy.