

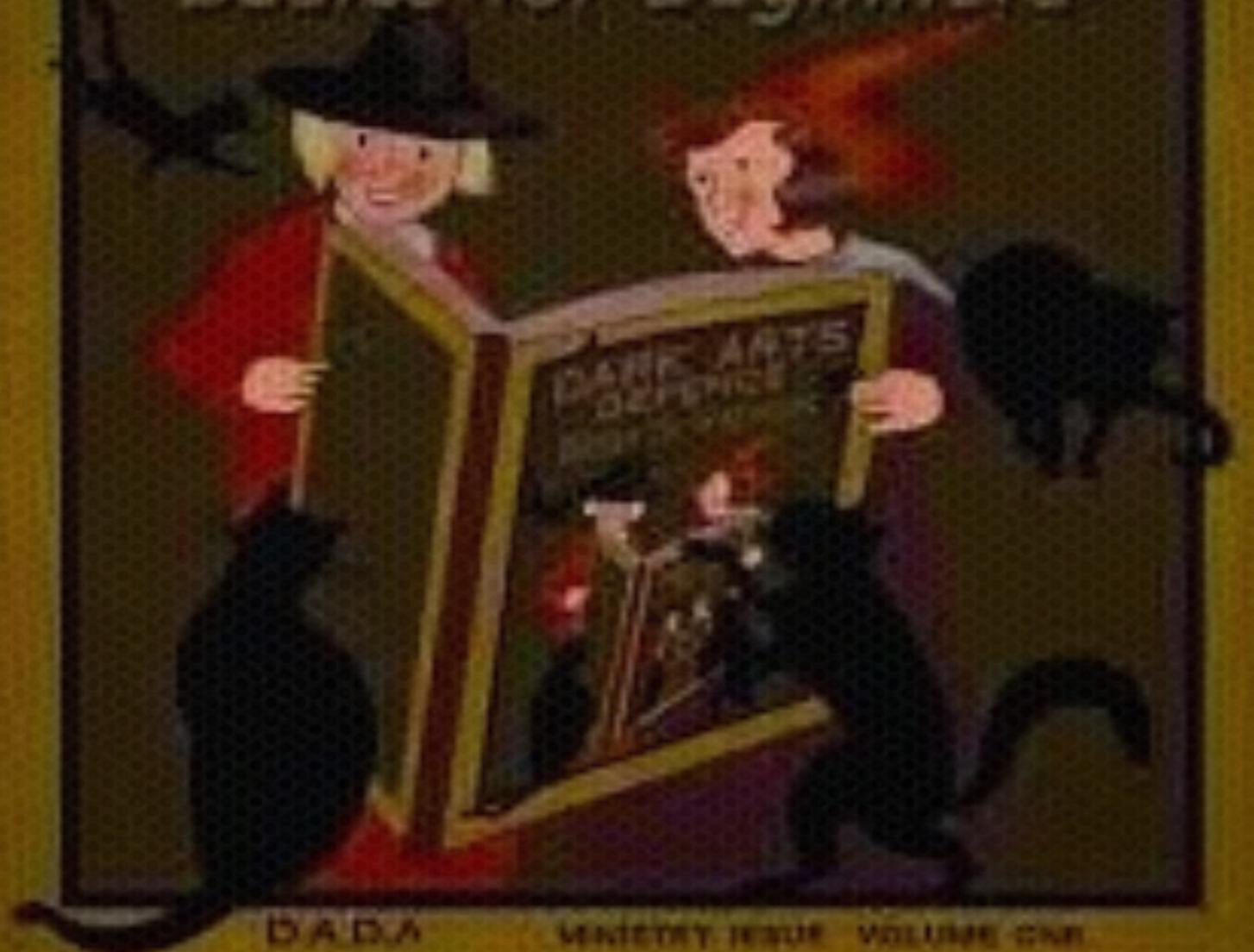


**Open
Source
Clinical
Application
Resource**

OSCAR Measurements

Dr. Herbert Chang

DARK ARTS
DEFENCE
Basics for Beginners



D.A.D.A

MINIETRY ISSUE VOLUME ONE

1.6.10.3 Measurements Admin

The oscar Encounter Admin section allows you to customise measurements including measurement mapping

CUSTOMIZE OSCAR MEASUREMENTS

A) ADD OR EDIT MEASUREMENT GROUPS

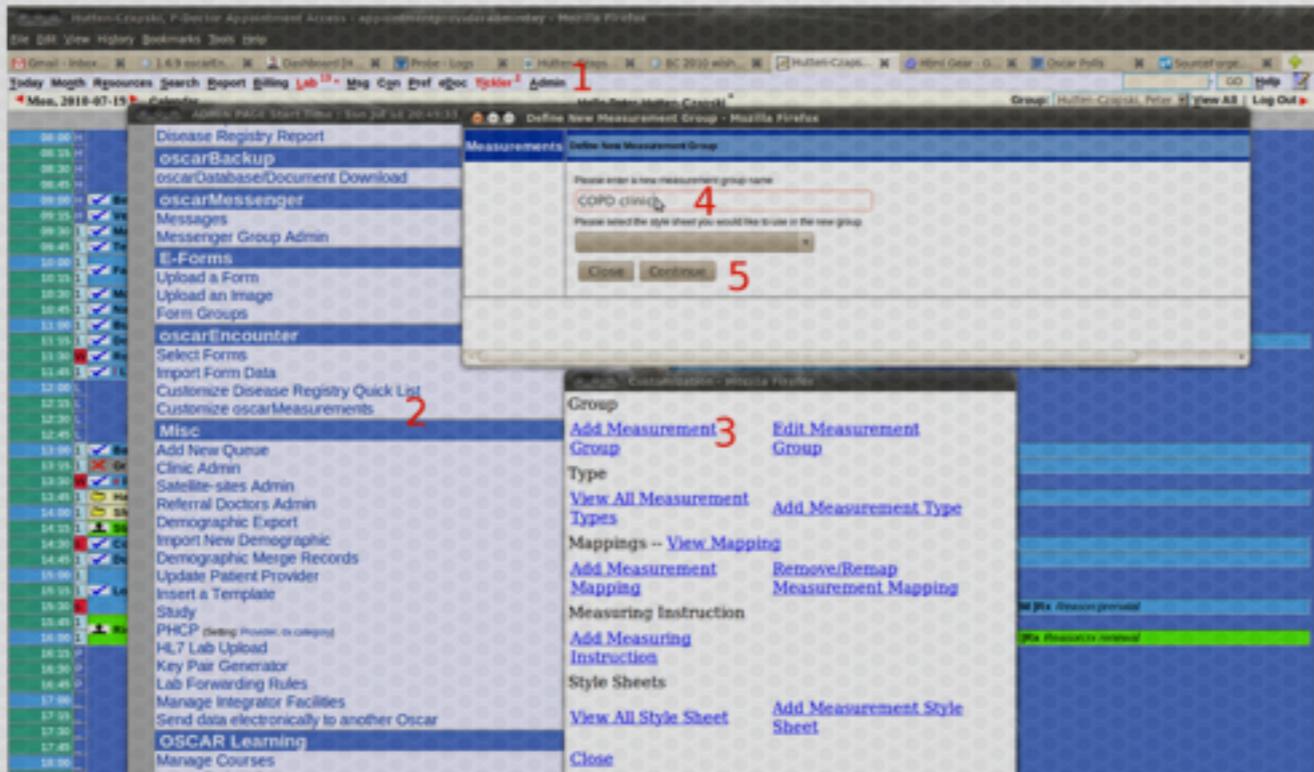


Table of Content

- 1.0 General Operation
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What are Measurements?



“Dashboard”

Measurement Uses



Measurement Uses

- ✦ Monitor Lab Values
 - ✦ Chronic care (DM, CHF, CKD)
 - ✦ “One off” lab values

Measurement Uses

- ✦ Monitor Lab Values
 - ✦ Chronic care (DM, CHF, CKD)
 - ✦ “One off” lab values
- ✦ Store database entries
 - ✦ for ease of access and tracking
 - ✦ for eForms

Measurement Uses

- ✦ Monitor Lab Values
 - ✦ Chronic care (DM, CHF, CKD)
 - ✦ “One off” lab values
- ✦ Store database entries
 - ✦ for ease of access and tracking
 - ✦ for eForms
- ✦ Track Allergy Injections

Where are Measurements located?



Where are Measurements located?

The screenshot displays the oscarEncounter interface for patient ROTUND, JOHN E TEST M 67 years. The left sidebar contains a navigation menu with the following sections:

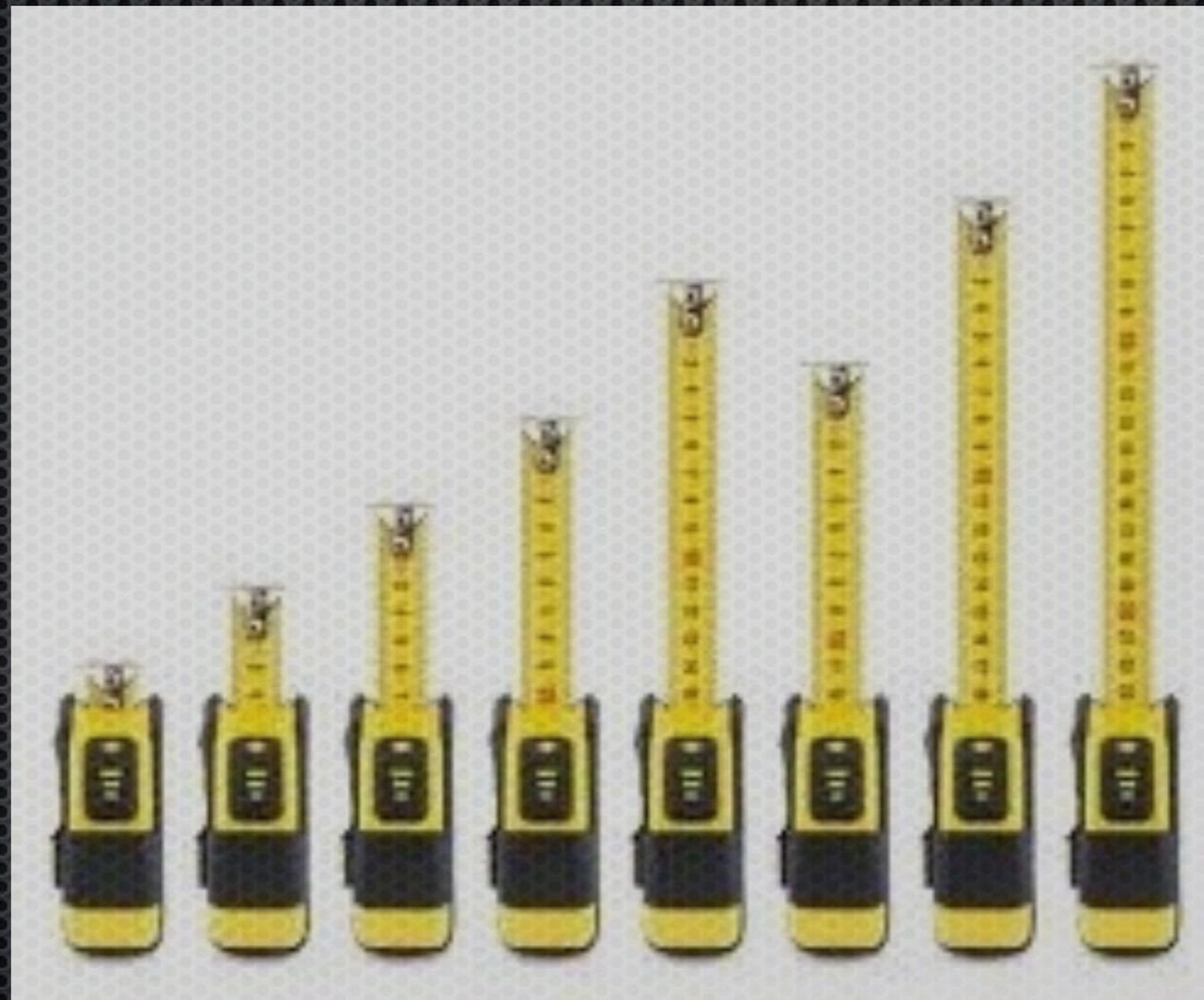
- MRP Dr.
- Preventions
- FOBT
- Td
- PSA
- HIV
- H1N1
- Pneumovax ... 11-Nov-2011
- View Ticker
- Disease Registry
- DIABETES MELLITUS* ... 18-Mar-2013
- Forms
- eForms
- 1-1 Lab Req ... 04-May-2013
- 9 UKPDS ... 18-Mar-2013
- 1-1 Lab Req ... 18-Mar-2013
- Documents
- ENDO-Wallace-Type II DM... 20-Mar-2013
- Lab Result
- GENERAL/HAEM1/CHEM4/1... 29-Sep-2012
- Oscar Map
- Medication management ... 18-Mar-2013
- Measurements** (highlighted with a red circle and arrow)
- CDM Indicators
- Diabetes Flowsheet
- Dilated Eye Exam ... Yes 23-Mar-2013
- Foot Exam ... Yes 23-Mar-2013
- Foot Exam Test loss of... Yes 23-Mar-2013
- Lipid Lowering Medicat... Yes 23-Mar-2013
- Retinopathy ... No 23-Mar-2013
- Body Mass Index ... 41.7 18-Mar-2013
- BP ... 130/80 18-Mar-2013
- Waist ... 116 18-Mar-2013
- WT ... 135 18-Mar-2013
- EGFR ... 100 18-Dec-2012
- FBS ... 7.8 18-Dec-2012
- HDL ... 1.29 18-Dec-2012
- Potassium ... 4.2 18-Dec-2012
- LDL ... 3.87 18-Dec-2012
- Sodium ... 141 18-Dec-2012
- Serum Creatinine ... 55 18-Dec-2012
- TC/HDL ... 3.85 18-Dec-2012
- Total Cholesterol ... 6.52 18-Dec-2012
- TG ... 1.79 18-Dec-2012
- A1C ... 7.6 01-Oct-2012
- Alb creat ratio ... 5.7 01-Oct-2012
- Smoking Status ... Yes 29-Sep-2012
- ACE-I OR ARB ... Yes 25-May-2012
- EDF ... No 25-May-2012
- HT ... 180 25-May-2012
- ALT ... 23 21-May-2012
- ASA Use ... No 21-May-2012
- Packs of Cigarettes per c... 1 21-May-2012
- Waist Circ. ... 115 21-May-2012
- Diabetes Education ... Yes 18-May-2004
- Diabetes Type ... 2 18-Mar-2004
- Consultations
- HIM Documents

The main content area shows patient information and a list of measurements:

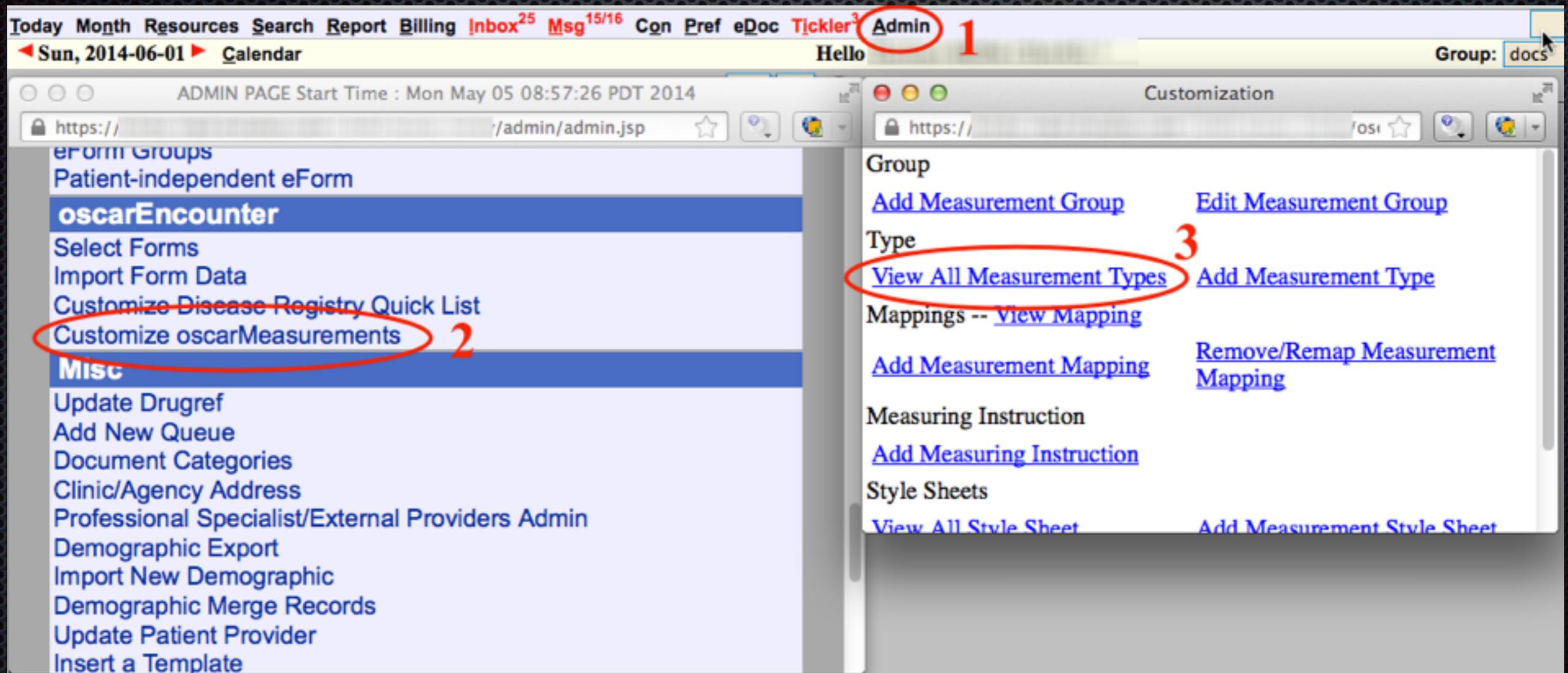
- Social History:** Married, 2 children, 3 grandchildren; Retired, stockbroker.
- Medical History:** Type II DM-2003.
- Ongoing Concerns:** Diabetes, Lipids, Smoking.
- Reminders:** THIS IS A TEST PATIENT.
- Measurements List:**
 - Diabetes: Encounter Date: 18-Mar-2013 17:47 rev 1
 - Smoking: Encounter Date: 18-Mar-2013 17:47 rev 1
 - Lipids: Encounter Date: 18-Mar-2013 17:47 rev 1
 - 1-1 Lab Req: Encounter Date: 18-Mar-2013 17:48 View
 - 9 UKPDS : 36.2% CHD outcome/10y: Encounter Date: 18-Mar-2013 18:01 View
- Notes:**
 - [29-Sep-2012 : Diabetes followup] Patient comes. Encounter Date: 18-Mar-2013 18:02 rev 1. Enc Type: "face to face encounter with client"
 - [29-Dec-2012 : DM check] Patient comes back for. Encounter Date: 18-Mar-2013 18:05 rev 1. Enc Type: "face to face encounter with client"
 - [29-Dec-2012 : DM check] [Signed on 23-Mar-2013 2. Encounter Date: 18-Mar-2013 18:10 rev 5. Enc Type: "face to face encounter with client"
 - [04-May-2013 : DM] [Signed on 04-May-2013 15:41 b. Encounter Date: 04-May-2013 15:41 rev 1. Enc Type: "face to face encounter with client"
 - [01-Jun-2014 : Tel-Progress Notes]

The bottom of the screen features an 'Assign' button and several utility buttons: Display Resolved Issues, Display Unresolved Issues, Spell Check, and Expand All Notes.

Which Measurements Do I Have Already?

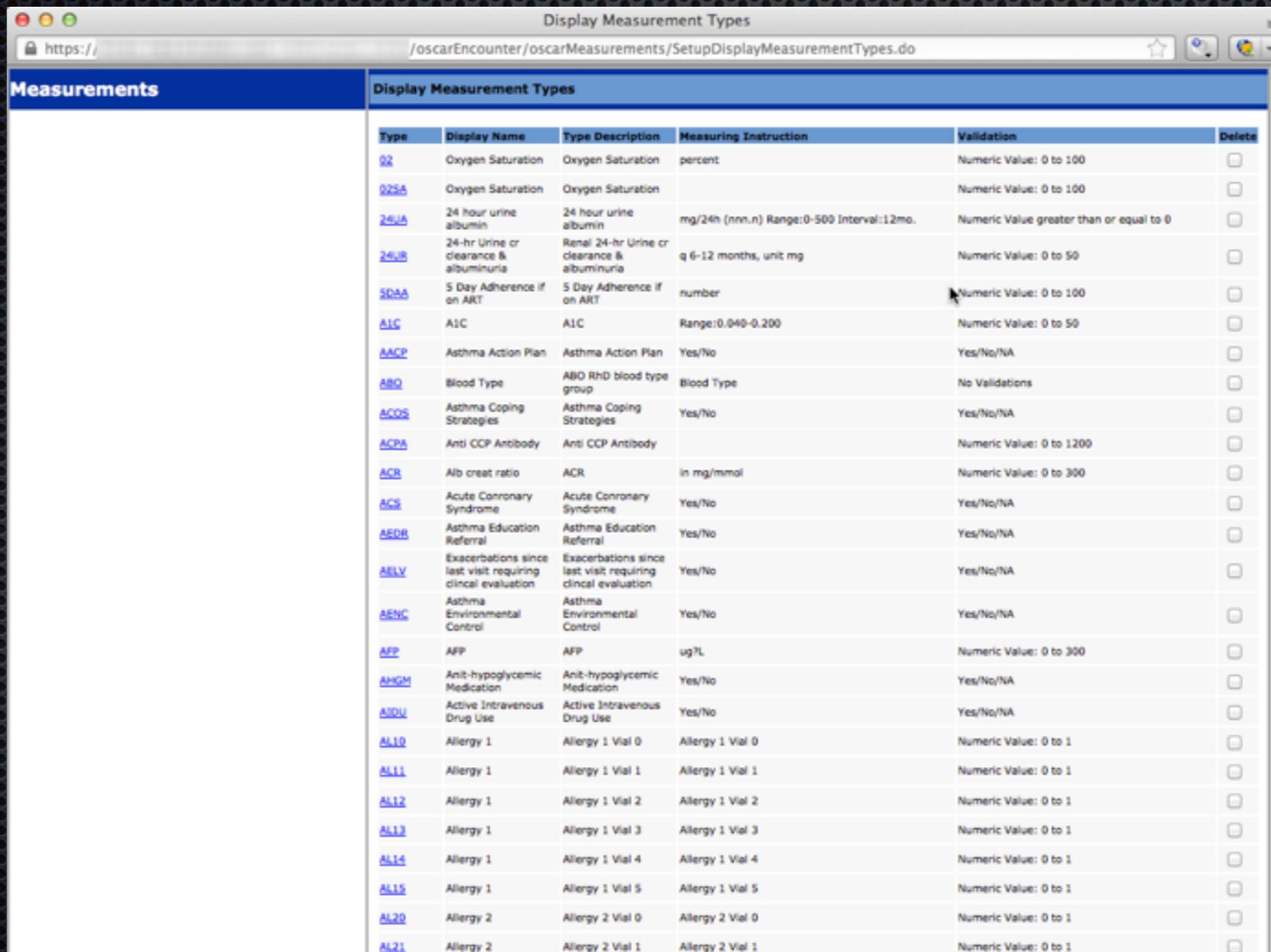


Which Measurements Do I Have Already?



The image shows a screenshot of a web application interface. At the top, there is a navigation bar with various menu items: Today, Month, Resources, Search, Report, Billing, Inbox²⁵, Msg^{15/16}, Con, Pref, eDoc, Tickler³, and Admin¹. The Admin link is circled in red. Below the navigation bar, there is a header area with a date (Sun, 2014-06-01), a calendar icon, and a "Hello" message. The main content area is divided into two panels. The left panel is a navigation menu with sections: "eForm Groups", "Patient-independent eForm", "oscarEncounter", "Select Forms", "Import Form Data", "Customize Disease Registry Quick List", "Customize oscarMeasurements" (circled in red with a red number 2), "Misc", "Update Drugref", "Add New Queue", "Document Categories", "Clinic/Agency Address", "Professional Specialist/External Providers Admin", "Demographic Export", "Import New Demographic", "Demographic Merge Records", "Update Patient Provider", and "Insert a Template". The right panel is titled "Customization" and contains several sections: "Group" with links "Add Measurement Group" and "Edit Measurement Group"; "Type" with links "View All Measurement Types" (circled in red with a red number 3) and "Add Measurement Type"; "Mappings -- View Mapping" with links "Add Measurement Mapping" and "Remove/Remap Measurement Mapping"; "Measuring Instruction" with link "Add Measuring Instruction"; and "Style Sheets" with links "View All Style Sheet" and "Add Measurement Style Sheet".

Which Measurements Do I Have Already?



The screenshot shows a web browser window with the URL `https://oscarEncounter/oscarMeasurements/SetupDisplayMeasurementTypes.do`. The page title is "Display Measurement Types". The main content is a table with the following columns: Type, Display Name, Type Description, Measuring Instruction, Validation, and Delete. The table lists various medical measurements such as Oxygen Saturation, 24-hour urine albumin, A1C, and Asthma Action Plan.

Type	Display Name	Type Description	Measuring Instruction	Validation	Delete
O2	Oxygen Saturation	Oxygen Saturation	percent	Numeric Value: 0 to 100	<input type="checkbox"/>
O2SA	Oxygen Saturation	Oxygen Saturation		Numeric Value: 0 to 100	<input type="checkbox"/>
24UA	24 hour urine albumin	24 hour urine albumin	mg/24h (nnn.n) Range:0-500 Interval:12mo.	Numeric Value greater than or equal to 0	<input type="checkbox"/>
24UR	24-hr Urine cr clearance & albuminuria	Renal 24-hr Urine cr clearance & albuminuria	q 6-12 months, unit mg	Numeric Value: 0 to 50	<input type="checkbox"/>
SDAA	5 Day Adherence if on ART	5 Day Adherence if on ART	number	Numeric Value: 0 to 100	<input type="checkbox"/>
A1C	A1C	A1C	Range:0.040-0.200	Numeric Value: 0 to 50	<input type="checkbox"/>
AACP	Asthma Action Plan	Asthma Action Plan	Yes/No	Yes/No/NA	<input type="checkbox"/>
ABO	Blood Type	ABO RhD blood type group	Blood Type	No Validations	<input type="checkbox"/>
ACOS	Asthma Coping Strategies	Asthma Coping Strategies	Yes/No	Yes/No/NA	<input type="checkbox"/>
ACPA	Anti CCP Antibody	Anti CCP Antibody		Numeric Value: 0 to 1200	<input type="checkbox"/>
ACR	Alb creat ratio	ACR	in mg/mmol	Numeric Value: 0 to 300	<input type="checkbox"/>
ACS	Acute Coronary Syndrome	Acute Coronary Syndrome	Yes/No	Yes/No/NA	<input type="checkbox"/>
AEDB	Asthma Education Referral	Asthma Education Referral	Yes/No	Yes/No/NA	<input type="checkbox"/>
AELV	Exacerbations since last visit requiring clinical evaluation	Exacerbations since last visit requiring clinical evaluation	Yes/No	Yes/No/NA	<input type="checkbox"/>
AENC	Asthma Environmental Control	Asthma Environmental Control	Yes/No	Yes/No/NA	<input type="checkbox"/>
AFP	AFP	AFP	ug?L	Numeric Value: 0 to 300	<input type="checkbox"/>
AMGM	Anit-hypoglycemic Medication	Anit-hypoglycemic Medication	Yes/No	Yes/No/NA	<input type="checkbox"/>
AIDU	Active Intravenous Drug Use	Active Intravenous Drug Use	Yes/No	Yes/No/NA	<input type="checkbox"/>
AL10	Allergy 1	Allergy 1 Vial 0	Allergy 1 Vial 0	Numeric Value: 0 to 1	<input type="checkbox"/>
AL11	Allergy 1	Allergy 1 Vial 1	Allergy 1 Vial 1	Numeric Value: 0 to 1	<input type="checkbox"/>
AL12	Allergy 1	Allergy 1 Vial 2	Allergy 1 Vial 2	Numeric Value: 0 to 1	<input type="checkbox"/>
AL13	Allergy 1	Allergy 1 Vial 3	Allergy 1 Vial 3	Numeric Value: 0 to 1	<input type="checkbox"/>
AL14	Allergy 1	Allergy 1 Vial 4	Allergy 1 Vial 4	Numeric Value: 0 to 1	<input type="checkbox"/>
AL15	Allergy 1	Allergy 1 Vial 5	Allergy 1 Vial 5	Numeric Value: 0 to 1	<input type="checkbox"/>
AL20	Allergy 2	Allergy 2 Vial 0	Allergy 2 Vial 0	Numeric Value: 0 to 1	<input type="checkbox"/>
AL21	Allergy 2	Allergy 2 Vial 1	Allergy 2 Vial 1	Numeric Value: 0 to 1	<input type="checkbox"/>

How are Measurements populated?



How are Measurements populated?

- ✦ Manually
- ✦ Automatically

How are Measurements populated?

- ✦ Manually
 - ✦ Measurement Groups
 - ✦ Chronic Disease Flow sheets
 - ✦ eForms
- ✦ Automatically
 - ✦ Laboratory uploads

How are Measurements populated?

- ✦ Manually
 - ✦ Measurement Groups
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 - ✦ eForms
- ✦ Automatically
 - ✦ Laboratory uploads

Manual Measurement Entry

using Measurement Groups

Manual Measurement Entry

using Measurement Groups

1. Create Measurement
2. Create Measurement Group
3. Add Measurement to Measurement Group

1. Create Measurement

Today Month Resources Search Report Billing **Inbox²⁵** **Msg^{15/16}** Con Pref eDoc Tickler **Admin** 1

Sun, 2014-06-01 Calendar Hello

ADMIN PAGE Start Time : Mon May 05 08:57:26 PDT 2014

https://.../admin/admin.jsp

- OCAN Export
- OCAN IAR
- OCAN Reports
- Usage Report
- Disease Registry Report
- oscarBackup**
- oscarDatabase/Document Download
- oscarMessenger**
- Messages
- Messenger Group Admin
- eForms**
- Upload eForm
- Upload an Image
- eForm Groups
- eForm Groups
- Patient-independent eForm
- oscarEncounter**
- Select Forms
- Import Form Data
- Customize Disease Registry Quick List
- Customize oscarMeasurements** 2
- Misc**
- Update Drugref
- Add New Queue
- Document Categories
- Clinic/Agency Address
- Professional Specialist/External Providers Admin

Customization

Group

- [Add Measurement Group](#)
- [Edit Measurement Group](#)

Type

- [View All Measurement Types](#)
- [Add Measurement Type](#) 3

Mappings -- [View Mapping](#)

- [Add Measurement Mapping](#)
- [Remove/Remap Measurement Mapping](#)

Measuring Instruction

- [Add Measuring Instruction](#)

Style Sheets

- [View All Style Sheet](#)
- [Add Measurement Style Sheet](#)

Add Measurement Type

Measurements	Add Measurement Type
Type (max. 4 characters)	<input type="text" value="C3"/> 4
Type Description	<input type="text" value="Complement component 3"/> 5
Display Name	<input type="text" value="C3"/> 6
Measuring Instruction	<input type="text" value="umol L"/> 7
Validation	<input type="text" value="Numeric Value greater than or equal to 0"/> 8
	<input type="button" value="Close"/> <input type="button" value="Add"/> 9

You cannot use symbols /-() in the Measuring Instruction

1. Create Measurement

The screenshot shows a web browser window with the title "Add Measurement Type". The address bar contains "https://.../oscarEncounter/os". The page has a blue header with "Measurements" on the left and "Add Measurement Type" on the right. A red oval highlights a success message: "Measurement type has been added successfully!". Below the message is a form with the following fields:

Type (max. 4 characters)	<input type="text" value="C3"/>
Type Description	<input type="text" value="Complement component 3"/>
Display Name	<input type="text" value="C3"/>
Measuring Instruction	<input type="text" value="umol L"/>
Validation	<input type="text" value="Numeric Value greater than or equal to 0"/>

At the bottom of the form are two buttons: "Close" and "Add".

Measurement Type/Name/Description

The image displays a screenshot of the OSCAR medical system interface, illustrating the relationship between measurement types, their names, and their descriptions. The interface is divided into several windows and panels:

- Top Left:** Patient information for "TEST1, TEST1 F 5 years".
- Top Right:** "Display Measurement Types" window showing a table of measurement types.
- Bottom Left:** "Edit Measurement Group" window for the "CPX" group.
- Bottom Right:** "CPX Measurements" table showing individual measurement records.
- Center:** A patient record snippet showing a measurement entry: "WC 42 in cm (nnn) Range:40-500 Interval:3mo. above umbilicus".

Measurement Types Table (from Display Measurement Types window):

TYPE	DISPLAY NAME	TYPE DESCRIPTION	MEASURING INSTRUCTION	VALIDATION
WAIS	Waist	Waist	Waist Circum in cm	Numeric Value: 0 to 300
WBC	WBC	White Blood Cell		Numeric Value greater than or equal to 0
WC	Waist Circ.	Waist Circumference	in cm (nnn) Range:40-500 Interval:3mo.	Numeric Value: 40 to 500
WHIP	Waist-Hip	Waist Hip Ratio	Range:0.5-2 Interval:3mo.	Numeric Value: 0 to 10
WT	WT	Weight	in kg	Numeric Value: 0 to 300

CPX Measurements Table (from CPX Measurements window):

Type	Measuring Instruction	Value	Observation Date (yyyy-mm-dd)	Comments
Body Mass Index	BMI		2014-6-1	
The last value:	BMI	21.5	2014-04-21	
BP	Sitting position		2014-6-1	
The last value:	Sitting position	135/88	2014-02-05	
BPstanding	Standing		2014-6-1	
The last value:	Sitting position	135/88	2014-02-05	
BPsupine	supine		2014-6-1	
The last value:	Sitting position	135/88	2014-02-05	
HT	in cm		2014-6-1	
The last value:	in cm	167	2014-04-21	
Pulse	Heart Rate in BPM		2014-6-1	
RR	Breaths per minute		2014-6-1	
Temp	degrees celsius		2014-6-1	
Waist Circ.	in cm (nnn) Range:40-500 Interval:3mo.		2014-6-1	
The last value:	in cm (nnn) Range:40-500 Interval:3mo.	42	2014-06-01	above umbilicus
WT	in kg		2014-6-1	
The last value:	in kg	60	2014-04-21	

Annotations: Colored circles and lines connect the measurement types in the tables to their corresponding entries in the patient record and the "Edit Measurement Group" window. For example, the "WC" type is linked to the "WC" entry in the patient record and the "Waist Circ." entry in the "All Types" list. The "above umbilicus" comment is also linked to the "Waist Circ." entry in the "All Types" list.

2. Create Measurement Group

The image shows a multi-step process for creating a measurement group in an administrative system. The main window, titled "Define New Measurement Group", contains the following elements:

- A text input field for the measurement group name, which contains the text "Rheumatology".
- A dropdown menu for selecting a style sheet.
- Two buttons: "Close" and "Continue".

The process is guided by numbered annotations:

1. In the left-hand menu, "Customize oscarMeasurements" is circled in red.
2. In a secondary window, "Add Measurement Group" is circled in red.
3. In the main window, the text "Rheumatology" in the input field is circled in red.
4. In the main window, the "Continue" button is circled in red.

2. Create Measurement Group

Add Measurement Types to Group created

Edit Measurement Group

Measurements

Edit Measurement Group

All Types

Please Select types and press Add button to add types into the groupRheumatology

- GGT
- Protein
- ANA
- Digoxin
- Lithium
- Dilantin
- BNP
- Brief Pain Inventory
- Blood Type
- C3**

Add

Close

Rheumatology

Select types and press Delete button to delete types from the groupRheumatology

- CRP
- SDAI
- CDAI
- Swollen Joint Count
- Total Joint Count
- Tender Joint Count
- Small Joint Count
- Large Joint Count
- Anti CCP Antibody
- Patient Global Assess

Delete

2. Create Measurement Group

Measurements

Edit Measurement Group

All Types

Please Select types and press Add button to add types into the groupRheumatology

- HT
- WT
- HbA1c
- FBS
- Macroalbuminuria
- Urine alb: creat ratio
- 24-hr Urine cr clearance & albuminuria
- TG
- LDL
- TC/HDL

Add

Close

Rheumatology

Select types and press Delete button to delete types from the groupRheumatology

- CRP
- C3
- SDAI
- CDAI
- Swollen Joint Count
- Total Joint Count
- Tender Joint Count
- Small Joint Count
- Large Joint Count
- Anti CCP Antibody

Delete

3. Edit Measurement Group

The image displays a web application interface for managing measurement groups. The main menu on the left includes sections like **oscarBackup**, **oscarMessenger**, **eForms**, **oscarEncounter**, and **Misc**. The **Customize oscarMeasurements** option is circled in red and labeled with a red '2'. A 'Customization' window is open, showing options for editing a measurement group. The 'Edit Measurement Group' link is circled in red and labeled with a red '3'. Below this, a 'Select Measurement Group' window is shown, where 'Rheumatology' is selected in a dropdown menu, circled in red and labeled with a red '4'. The 'Modify Measurement Types' button is also circled in red and labeled with a red '5'. The top navigation bar includes links for Today, Month, Resources, Search, Report, Billing, Inbox²⁵, Msg^{15/16}, Con, Pref, eDoc, Tickler³, and Admin¹. The Admin link is circled in red. The page title is 'ADMIN PAGE Start Time : Mon May 05 08:57:26 PDT 2014'.

3. Edit Measurement Group

Manually choose and Add Measurement Types to the desired groups

Edit Measurement Group

Measurements

All Types

Please Select types and press Add button to add types into the groupRheumatology

- GGT
- Protein
- ANA
- Digoxin
- Lithium
- Dilantin
- BNP
- Brief Pain Inventory
- Blood Type
- C3**

Add **2**

Close

Rheumatology

Select types and press Delete button to delete types from the groupRheumatology

- CRP
- SDAI
- CDAI
- Swollen Joint Count
- Total Joint Count
- Tender Joint Count
- Small Joint Count
- Large Joint Count
- Anti CCP Antibody
- Patient Global Assess

Delete

Editing Measurement Types

- Measurement Types cannot be edited



Editing Measurement Types

- ✦ Measurement Types cannot be edited
- ✦ You must delete the Measurement Type
- ✦ Create it again with the changes desired
- ✦ Add it back to the Measurement Group

Editing Measurement Types

- ✦ Measurement Types cannot be edited
- ✦ You must delete the Measurement Type
- ✦ Create it again with the changes desired
- ✦ Add it back to the Measurement Group

- ✦ You do not appear to lose the Measurements that have previously been stored when you delete or edit the Measurement Type (although they will not link if you change the Measurement Type Name)

Manual Measurement Entry

using Measurement Groups



Adding Measurement Data

oscarEncounter - ROTUND, JOHN E TEST M 67 years

https://casemgmt/forward.jsp?action=view&demographicNo=16038&providerNo=1002&providerName=

MRP ROTUND, JOHN E TEST M 67 years 604-945-1234 **Next Appt:**

Preventions +
FOBT
Td
PSA
HIV
H1N1
Pneumovax ... 11-Nov-2011
View Tickler +
Disease Registry +
DIABETES MELLITUS* ... 18-Mar-2013
Forms +
eForms +
1-1 Lab Req ... 04-May-2013
9 UKPDS ... 18-Mar-2013
1-1 Lab Req ... 18-Mar-2013
Documents +
ENDO-Wallace-Type II DM... 20-Mar-2013
Lab Result +
GENERAL/HAEM1/CHEM4/... 22-Sep-2012
Oscar Msg +
Medication renewal ... 18-Mar-2013
Measurements +
CDM Indicators
Diabetes Flowsheet
Dilated Eye Exam ... Yes 23-Mar-2013
Foot Exam ... Yes 23-Mar-2013
Foot Exam Test loss o... Yes 23-Mar-2013
Lipid Lowering Medica... Yes 23-Mar-2013
Consultations +
HRM Documents +

Social History +
Married, 2 children, 3 grandchildren
Retired, stockbroker

Medical History +
Type II DM-2003

Ongoing Concerns +
Diabetes
Lipids
Smoking

Reminders +
NT

OSCAR Search [] Search
Filter Calculators Templates

Diabetes Encounter Date: 18-Mar-2013 17:47 rev 1
Smoking Encounter Date: 18-Mar-2013 17:47 rev 1
Lipids Encounter Date: 18-Mar-2013 17:47 rev 1
1-1 Lab Req : Encounter Date: 18-Mar-2013 17:48 View
9 UKPDS : 36.2% CHD outcome/10y Encounter Date: 18-Mar-2013 18:01 View

[29-Sep-2012 .: Diabetes followup] Patient comes
Editors: ; Encounter Date: 18-Mar-2013 18:02 rev 1
Assigned Issues Enc Type: "face to face encounter with client"

[29-Dec-2012 .: DM check] Patient comes back for
Editors: ; Encounter Date: 18-Mar-2013 18:05 rev 1
Assigned Issues Enc Type: "face to face encounter with client"

[29-Dec-2012 .: DM check] [Signed on 23-Mar-2013 2
Editors: ; Encounter Date: 18-Mar-2013 18:10 rev 5
Assigned Issues Enc Type: "face to face encounter with client"

Document ENDO-Wallace-Type II DM-monitor created a View

1-1 Lab Req : Encounter Date: 04-May-2013 15:03 View

[04-May-2013 .: DM] [Signed on 04-May-2013 15:41 b
Editors: ; Encounter Date: 04-May-2013 15:41 rev 1
Assigned Issues Enc Type: "face to face encounter with client"

[01-Jun-2014 .: Tel-Progress Notes]

Assign

Allergies +
RAMIPRIL ... 04-May-2013
THIAZIDE DIURETICS ... 18-Mar-2013

Medications +
Other Meds +
Past Surgical History:
Appendectomy

Risk Factors +
Smoker-1 ppd

Family History +
Father-died 65-MI, DM, HTN
Mother-died 68-MI, DM, HTN, Dyslipidemia
Older brother-DM
Younger sister-HTN

Unresolved Issues +
Medical History as part of cpp
Other Meds as part of cpp
Social History as part of cpp
Risk Factors as part of cpp
Family History as part of cpp
Reminders as part of cpp

Resolved Issues +
Decision Support Alerts +
Episodes +

Adding Measurement Data

The screenshot displays the 'oscarEncounter' interface for patient JOHN E TEST M 67 years (604-945-1234). The main content area is divided into several sections: Social History (Married, 2 children, 3 grandchildren; Retired, stockbroker), Medical History (Type II DM-2003), Ongoing Concerns (Diabetes, Lipids, Smoking), and Reminders (THIS IS A TEST PATIENT). A central table lists encounters with columns for condition (Diabetes, Smoking, Lab Req, PDS), encounter date, and revision number. Below this, a list of notes is visible, including 'Sep-2012 : Diabetes followup] Patient comes', 'Dec-2012 : DM check] Patient comes back for', and '[29-Dec-2012 : DM check] [Signed on 23-Mar-2013 2'. A sidebar on the left contains a 'Preventions' list (FOBT, Td, PSA, HIV, H1N1, Pneumovax) and a 'Forms' section with 'eForms' (Lab Req, UKPDS) and 'Documents' (Lab Result, Oscar Msg, Medication renewal). A 'Family History' section lists relatives with conditions like DM and HTN. A 'Resolved Issues' section lists various medical and social history items. A 'Decision Support Alerts' section is also present. A yellow callout box with red text 'Click on appropriate Group' is overlaid on the 'Ongoing Concerns' section. A red arrow points from this callout to the 'CPX' option in the 'Input Groups' dropdown menu on the left sidebar.

Click on appropriate Group

Input Groups

- CPX
- Drug Levels
- ASTHMA
- Serology
- ObGyn
- ALLERGY
- Tumor Markers
- Rheumatology
- PSYCH
- CHRONIC CARE

Adding Measurement Data

CPX Measurements

https://oscarEncounter/oscarMeasurements/SetupMeasurements.do?groupName=CPX

CPX ROTUND, JOHN E TEST M 67 years

[calculators](#)

Type	Measuring Instruction	Value	Observation Date (yyyy-mm-dd)	Comments
Body Mass Index	<input checked="" type="radio"/> BMI	42.2	2014-6-1	
The last value:	BMI	41.7	2013-03-18	
BP	<input checked="" type="radio"/> Sitting position	135/80	2014-6-1	R. arm 130/70 L. arm
The last value:	sitting position	130/80	2013-03-18	L. arm large cuff
BPstanding	<input checked="" type="radio"/> Standing		2014-6-8	
The last value:	sitting position	130/80	2013-03-18	L. arm large cuff
BPsupine	<input checked="" type="radio"/> supine	130/75	2014-6-1	R. arm
The last value:	sitting position	130/80	2013-03-18	L. arm large cuff
HT	<input checked="" type="radio"/> in cm		2014-6-8	
The last value:	in cm	180	2013-03-18	
Pulse	<input checked="" type="radio"/> Heart Rate in BPM	68	2014-6-1	irreg, irreg
RR	<input checked="" type="radio"/> Breaths per minute	15	2014-6-1	
Temp	<input checked="" type="radio"/> degrees celcius	36.8	2014-6-1	
WT	<input checked="" type="radio"/> in kg	140	2014-6-1	
The last value:	in kg	135	2013-03-18	

Cancel

Adding Measurement Data

The screenshot displays a medical software interface with a sidebar on the left and a main content area on the right. The sidebar contains a list of 'Measurements' including CDM Indicators, Diabetes Flowsheet, Body Mass Index, BP, Pulse, RR, Temp, WT, Dilated Eye Exam, Foot Exam, Foot Exam Test loss o..., Lipid Lowering Medica..., Retinopathy, Waist, EGFR, FBS, HDL, Potassium, LDL, Sodium, Serum Creatinine, TC/HDL, Total Cholesterol, TG, A1C, Alb creat ratio, Smoking Status, ACE-I OR ARB, EDF, HT, ALT, ASA Use, Packs of Cigarettes per..., Waist Circ., Hep A IgG, Hep BS Ab, and Hep B CAB. The main content area shows three encounter records. The first record is '[29-Dec-2012 .: DM check] [Signed on 23-Mar-2013 2]' with an encounter date of 18-Mar-2013 18:10 and type 'face to face encounter with client'. The second record is '[04-May-2013 .: DM] [Signed on 04-May-2013 15:41 b]' with an encounter date of 04-May-2013 15:03 and type 'face to face encounter with client'. The third record is '[01-Jun-2014 .: Review of labs]' with an encounter date of 01-Jun-2014 23:33 and type 'face to face encounter with client'. The third record contains the following measurement data: BMI 42.4, BP 135/80 Sitting position R. arm 130/70 L. arm, BP 130/75 supine R. arm, HR 68 Heart Rate in BPM irreg, irreg, RESP 15 Breaths per minute, TEMP 36.8 degrees celcius, and WT 140 in kg. A yellow callout box with red text and a red arrow points to the 'Save' and 'Exit' icons in the bottom right corner of the interface. The bottom of the interface features buttons for 'Assign', 'Display Resolved Issues', 'Display Unresolved Issues', 'Spell Check', and 'Expand All Notes'.

Choose to Save or Exit without saving

Adding Measurement Data

The screenshot displays a medical software interface. On the left is a sidebar menu with categories: Lab Result, Oscar Msg, Medication renewal, Measurements, CDM Indicators, and Diabetes Flowsheet. The 'Measurements' section is expanded, showing a list of data points. A red circle highlights the following items:

Body Mass Index	...	42.2	01-Jun-2014
BP	...	135/80	01-Jun-2014
Pulse	...	68	01-Jun-2014
RR	...	15	01-Jun-2014
Temp	...	36.8	01-Jun-2014
WT	...	140	01-Jun-2014

Below the sidebar, the main window shows an 'Assigned Issues' section with the note type 'face to face encounter with client'. The primary content area displays a review of labs for 01-Jun-2014:

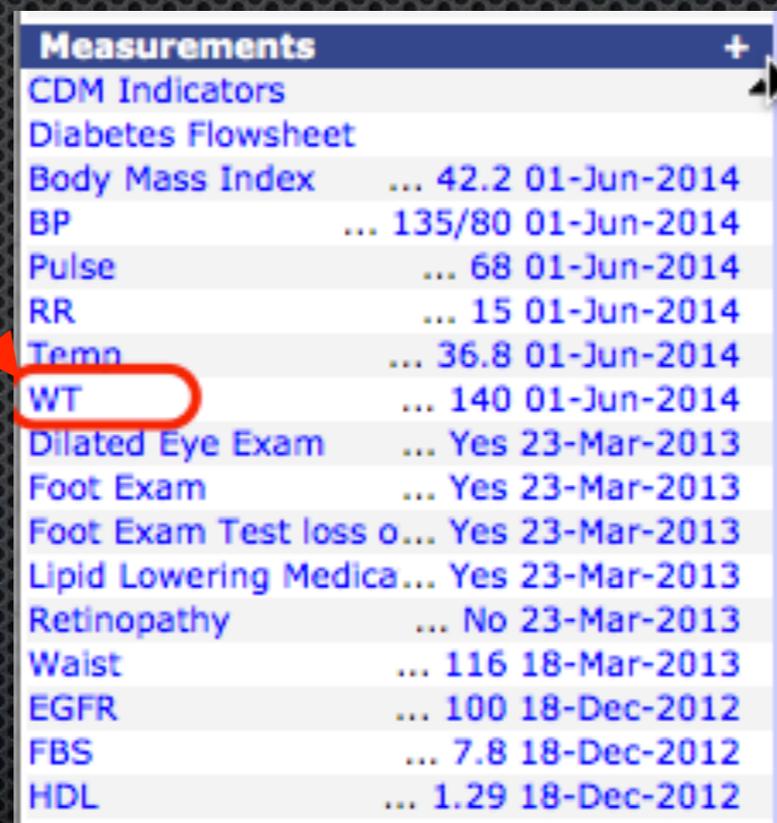
[01-Jun-2014 .: Review of labs]

BMI 42.4 BMI
BP 135/80 Sitting position R. arm 130/70 L. arm
BP 130/75 supine R. arm
HR 68 Heart Rate in BPM irreg, irreg
RESP 15 Breaths per minute
TEMP 36.8 degrees celcius
WT 140 in kg

Adding Measurement Data

Graphing Measurement Data

Click on the Measurement you would like to graph



A screenshot of a software interface showing a dropdown menu titled "Measurements". The menu lists various medical measurements with their values and dates. The "WT" (Weight) measurement is highlighted with a red oval, and a red arrow points to it from the text above. A mouse cursor is visible at the top right of the menu.

Measurements		
CDM Indicators		
Diabetes Flowsheet		
Body Mass Index	... 42.2	01-Jun-2014
BP	... 135/80	01-Jun-2014
Pulse	... 68	01-Jun-2014
RR	... 15	01-Jun-2014
Temp	... 36.8	01-Jun-2014
WT	... 140	01-Jun-2014
Dilated Eye Exam	... Yes	23-Mar-2013
Foot Exam	... Yes	23-Mar-2013
Foot Exam Test loss o...	... Yes	23-Mar-2013
Lipid Lowering Medica...	... Yes	23-Mar-2013
Retinopathy	... No	23-Mar-2013
Waist	... 116	18-Mar-2013
EGFR	... 100	18-Dec-2012
FBS	... 7.8	18-Dec-2012
HDL	... 1.29	18-Dec-2012

Adding Measurement Data

Graphing Measurement Data

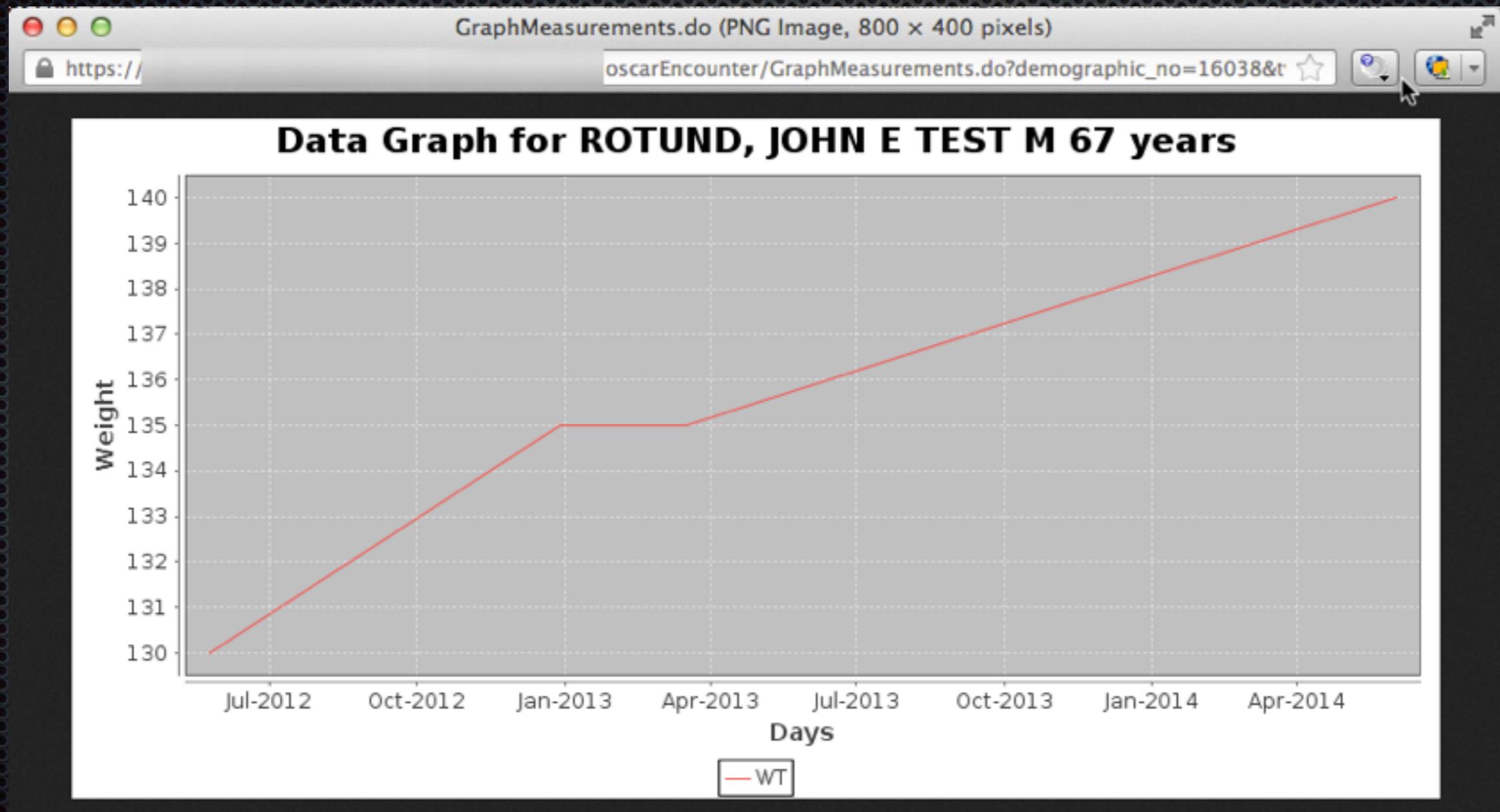
The screenshot shows a web browser window titled "Old Measurements" with a URL bar containing "https://". The page displays a table of measurement data for a patient named "ROTUND, JOHN E TEST M 67 years". The table has columns for Type, Provider, Measuring Instruction, Data, Comments, Observation Date, Date Entered, and Delete. The data rows show weight measurements in kg at various dates. At the bottom of the page, there are several buttons: "List Old Measurements Index", "Print", "Close", "Delete", and "Graph". The "Graph" button is circled in red.

Type	Provider	Measuring Instruction	Data	Comments	Observation Date	Date Entered	Delete
WT		in kg	140		2014-06-01	2014-06-08	<input type="checkbox"/>
WT		in kg	135		2013-03-18	2013-03-18	<input type="checkbox"/>
WT		in kg	135		2012-12-29	2013-03-18	<input type="checkbox"/>
WT		in kg	130		2012-05-25	2013-03-18	<input type="checkbox"/>

Buttons: List Old Measurements Index, Print, Close, Delete, Graph

Adding Measurement Data

Graphing Measurement Data



Adding Measurement Data

Historical Data using Measurement Groups



Adding Measurement Data

Important to add correct Observation Date

Serology Measurements

https:// /oscarEncounter/oscarMeasurements/SetupMeasurements.do?groupName=Serology

Serology ROTUND, JOHN E TEST M 67 years

[calculators](#)

Type	Measuring Instruction	Value	Observation Date (yyyy-mm-dd)	Comments
Chickenpox	<input checked="" type="radio"/> Immunity	YES	1958-12-25	Childhood illness
CMV IgG	<input checked="" type="radio"/> Positive		2014-6-8	
EBV Capsid IgA Antibody	<input checked="" type="radio"/> Positive		2014-6-8	
G6PD Deficiency Present	<input checked="" type="radio"/> Deficiency	NO	2003-9-12	
Hep A IgG	<input checked="" type="radio"/> Positive	YES	2008-3-15	
Hep B CAbs	<input checked="" type="radio"/> Yes/No	NO	2008-3-15	
Hep B DNA	<input checked="" type="radio"/> Hep B DNA Q 3 to 6 months		2014-6-8	
Hep B PCR	<input checked="" type="radio"/> Yes/No		2014-6-8	
Hep B S Ag	<input checked="" type="radio"/> Positive	NO	2008-3-15	
Hep Be Antibody	<input checked="" type="radio"/> Positive		2014-6-8	
Hep Be Antigen	<input checked="" type="radio"/> Positive		2014-6-8	
Hep BS Ab	<input checked="" type="radio"/> Positive	YES	2008-3-15	
Hep C Ab	<input checked="" type="radio"/>		2014-6-8	
Hep C Genotype	<input checked="" type="radio"/>		2014-6-8	

Scroll to bottom and click Save

Adding Measurement Data

Lab Result +
GENERAL/HAEM1/CHEM4/... 22-Sep-2012

Oscar Msg +
Medication renewal ... 18-Mar-2013

Measurements +
CDM Indicators
Diabetes Flowsheet
Body Mass Index ... 42.2 01-Jun-2014
BP ... 135/80 01-Jun-2014
C3 ... 2.3 01-Jun-2014
Pulse ... 68 01-Jun-2014
RR ... 15 01-Jun-2014
Temp ... 36.8 01-Jun-2014
WT ... 140 01-Jun-2014
Dilated Eye Exam ... Yes 23-Mar-2013
Foot Exam ... Yes 23-Mar-2013
Foot Exam Test loss o... Yes 23-Mar-2013
Lipid Lowering Medica... Yes 23-Mar-2013
Retinopathy ... No 23-Mar-2013
Waist ... 116 18-Mar-2013
EGFR ... 100 18-Dec-2012
FBS ... 7.8 18-Dec-2012
HDL ... 1.29 18-Dec-2012
Potassium ... 4.2 18-Dec-2012
LDL ... 3.87 18-Dec-2012
Sodium ... 141 18-Dec-2012
Serum Creatinine ... 55 18-Dec-2012
TC/HDL ... 3.85 18-Dec-2012
Total Cholestorol ... 6.52 18-Dec-2012
TG ... 1.79 18-Dec-2012
A1C ... 7.6 01-Oct-2012
Alb creat ratio ... 5.7 01-Oct-2012
Smoking Status ... Yes 29-Sep-2012
ACE-I OR ARB ... Yes 25-May-2012
EDF ... No 25-May-2012
HT ... 180 25-May-2012
ALT ... 23 21-May-2012
ASA Use ... No 21-May-2012
Packs of Cigarettes per ... 1 21-May-2012
Waist Circ ... 115 21-May-2012

[04-May-2013 :: DM] [Signed on 04-May-2013 15:41 b] Edit
Editors: Encounter Date: 04-May-2013 15:41 rev 1
Assigned Issues Enc Type: "face to face encounter with client"

[01-Jun-2014 :: Review of labs]

BMI 42.4 BMI
BP 135/80 Sitting position R. arm 130/70 L. arm
BP 130/75 supine R. arm
HR 68 Heart Rate in BPM irreg, irreg
RESP 15 Breaths per minute
TEMP 36.8 degrees celcius
WT 140 in kg

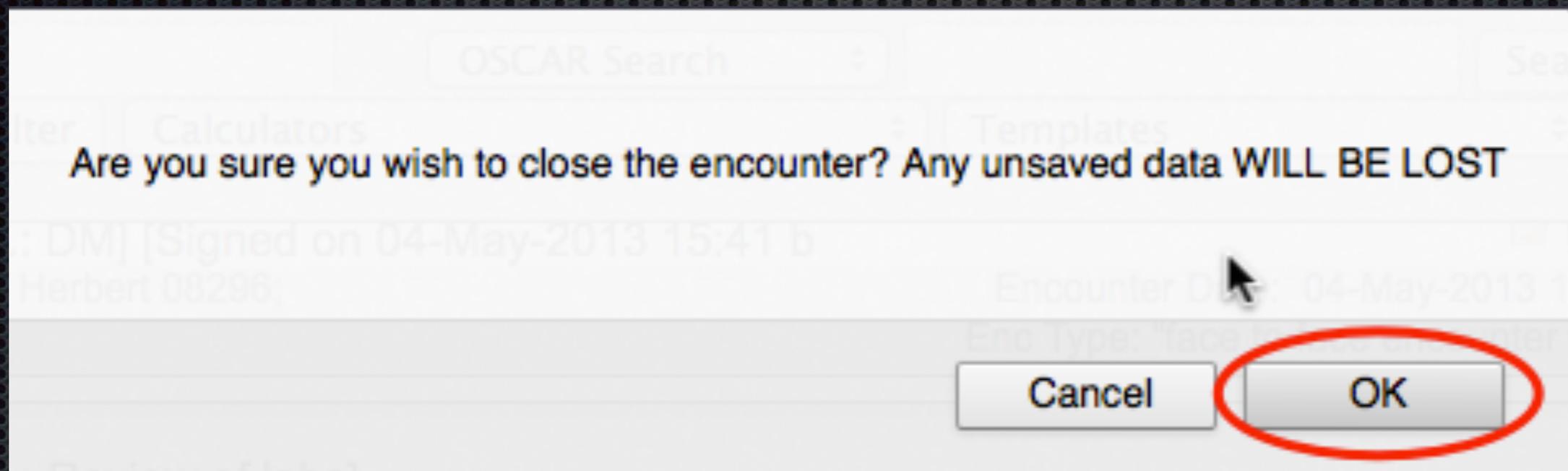
VZV YES Immunity Childhood illness
G6PD NO Deficiency
HpAI YES Positive
HPBC NO Yes/No
HPBS NO Positive
HpBA YES Positive

Encounter Date: 01-Jun-2014 23:33 rev3
Enc Type:
Draft Saved 8-Jun-2014 16:16

Assign

Exit without saving

Adding Measurement Data



Adding Measurement Data

Data is stored by the Observation Date entered

The screenshot displays a medical software interface. On the left, a list of lab results is shown with columns for the test name, value, and date. A red box highlights a section of this list, including Hep A IgG, Hep BS Ab, Hep B CA b, Hep B S Ag, Diabetes Education, Diabetes Type, G6PD Deficiency Present, and Chickenpox. On the right, a detailed view of a lab review is shown for the date 01-Jun-2014. The review includes the following data: BMI 42.4 BMI, BP 135/80 Sitting position R. arm 130/70 L. arm, BP 130/75 supine R. arm, HR 68 Heart Rate in BPM irreg, irreg, RESP 15 Breaths per minute, TEMP 36.8 degrees celcius, and WT 140 in kg. At the bottom of the interface, there is a toolbar with buttons for 'Assign', 'Display Resolved Issues', 'Display Unresolved Issues', 'Spell Check', and 'Expand All Notes'. A search bar is also present next to the 'Assign' button.

Test Name	Value	Date
Waist	116	18-Mar-2013
EGFR	100	18-Dec-2012
FBS	7.8	18-Dec-2012
HDL	1.29	18-Dec-2012
Potassium	4.2	18-Dec-2012
LDL	3.87	18-Dec-2012
Sodium	141	18-Dec-2012
Serum Creatinine	55	18-Dec-2012
TC/HDL	3.85	18-Dec-2012
Total Cholesterol	6.52	18-Dec-2012
TG	1.79	18-Dec-2012
A1C	7.6	01-Oct-2012
Alb creat ratio	5.7	01-Oct-2012
Smoking Status	Yes	29-Sep-2012
ACE-I OR ARB	Yes	25-May-2012
EDF	No	25-May-2012
HT	180	25-May-2012
ALT	23	21-May-2012
ASA Use	No	21-May-2012
Packs of Cigarettes per di...	1	21-May-2012
Waist Circ	115	21-May-2012
Hep A IgG	YES	15-Mar-2008
Hep BS Ab	YES	15-Mar-2008
Hep B CA b	NO	15-Mar-2008
Hep B S Ag	NO	15-Mar-2008
Diabetes Education	Yes	18-May-2004
Diabetes Type	2	18-Mar-2004
G6PD Deficiency Present...	NO	12-Sep-2003
Chickenpox	YES	25-Dec-1958

[01-Jun-2014 .: Review of labs]

BMI 42.4 BMI
BP 135/80 Sitting position R. arm 130/70 L. arm
BP 130/75 supine R. arm
HR 68 Heart Rate in **BPM** irreg, irreg
RESP 15 Breaths per minute
TEMP 36.8 degrees celcius
WT 140 in kg

Assign
Display Resolved Issues Display Unresolved Issues Spell Check Expand All Notes

How are Measurements populated?

- ✦ Manually
 - ✦ Measurement Groups
 - ✦ Chronic Disease Flow sheets
 - ✦ eForms
- ✦ Automatically
 - ✦ Laboratory uploads

Adding Measurement Data

The screenshot displays the 'oscarEncounter' web application for a patient named 'TEST1, TEST1 F 5 years'. The interface is divided into several sections:

- Preventions:** Tdap-IPV, MMR, MenC-C, TdP-IPV-Hib, DTaP-IPV-Hib, MMRV.
- Disease Registry:** HX-VEN THROMBOSIS/EM... 06-Sep-2011, DIABETES MELLITUS* ... 16-Nov-2010, HEART FAILURE* ... 02-Feb-2010, ESSENTIAL HYPERTENSIO... 02-Feb-2010.
- Forms:** BC-AR 2007 ... 31-Jan-2012, Rourke2006 ... 02-Feb-2010, BC-WCB ... 02-Jun-2009, BC-AR ... 05-May-2009.
- eForms:** Growth Charts WHO 2-19 ... 15-Oct-2013, 4-02 Pregnancy Calculator... 31-Aug-2013, etc.
- Documents:** bootcamp ... 20-Sep-2013.
- Lab Result:** Oscar Msg, Re: is this Tickler a boo bo... 05-May-2014, is this Tickler a boo boo? ... 05-May-2014.
- Measurements:** CDM Indicators, INR Flowsheet, Heart Failure Flowsheet, **Hypertension Flowsheet** (highlighted with a red arrow), Diabetes Flowsheet, Allergy 1 ... 0.2 07-Jun-2014.
- Consultations:** Addiction ... 11-Feb-2013, BGH-Hip & Knee Arthropla... 07-Jun-2011, HRM Documents.

The main content area shows a list of encounters with notes:

- [01-Jun-2014 : Tel-Progress Notes] WC 42 in cm (nnn) Range:40-500 Interval:3mo. above umbilicus [Signed on 07-Jun-2014 17:58 by ...]
- [07-Jun-2014 : Tel-Progress Notes] AL15 0.2 Allergy 1 Vial 1 R. arm, AL25 0.2 Allergy 2 Vial 1 L. arm [Signed on 07-Jun-2014 18:00 by ...]
- [08-Jun-2014 : Tel-Progress Notes]

A red box with the text 'Click on Flowsheet' is overlaid on the 'Hypertension Flowsheet' link in the sidebar, with a red arrow pointing to it.

Adding Measurement Data

Hypertension Flowsheet - TEST1, TEST1 F 5 years

https://oscarEncounter/oscarMeasurements/TemplateFlowSheet.jsp?demographic_no=2&template=hyptension

Hypertension Flowsheet TEST1, TEST1 F 5 years [Help](#) | [About](#) | [License](#)

[Add All](#)
[Add Overdue](#)

CURRENT PATIENTS DX
[LIST SHOW/HIDE](#)

- HX-VEN THROM...
- DIABETES MEL...
- HEART FAILURE*
- ESSENTIAL HY...

CURRENT PATIENT RX
[LIST SHOW/HIDE](#)

- NONE 20...

CURRENT PATIENT ALLERGY LIST [SHOW/HIDE](#)

- PENICILLI...
- PENICILLINS
- NO DRUG A...

[Print](#)

Hypertension Flowsheet Recommendations [show/hide](#)

<input checked="" type="checkbox"/> Fasting Glucose				
<input checked="" type="checkbox"/> Alb: creat ratio	ACR: 2.3			
	2011-01-24 40M			
<input checked="" type="checkbox"/> eGFR	eGFR: 66			
	2012-05-11			
<input checked="" type="checkbox"/> Ratio (TC/HDL)	TC/HDL: 4.4			
	2011-04-19			
<input checked="" type="checkbox"/> LDL	LDL: 1.1	LDL: 2.3		
	2011-04-19 37M	2010-09-23 44M		
<input checked="" type="checkbox"/> Triglycerides	TG: 10	TG: 15		
	2011-04-19 37M	2011-01-24 40M		
<input checked="" type="checkbox"/> BP	BP: 125/99	BP: 135/88	BP: 125/75	BP: 125/75
	2014-02-05 4M	2014-02-05 4M	2013-11-21 6M	2013-11-21 6M
<input type="checkbox"/> Smoking	Target < 130/80			
<input checked="" type="checkbox"/> Smoking Packs Per Day				
<input type="checkbox"/> Diet/ Exercise				
<input type="checkbox"/> Salt Intake				
<input type="checkbox"/> Drinks per Week				

Click on Measurement

Adding Measurement Data

Add Measurement values

The screenshot shows a web browser window titled "oscarMeasurement". The address bar displays "https://oscarEncounter/oscarMeasurements/AddMe". The page has a blue header with "measurement" on the left and "TEST1, TEST1 F 5 years" in the center, with links for "Help", "About", and "License" on the right. The main content area is titled "Measurement : BPstanding" and contains the following fields:

- Obs Date/Time:** 2014-06-08 0:19 (with a calendar icon)
- BP:** 125/68
- Comments:** R. arm supine large cuff

A "Save" button is located at the bottom left of the form, circled in red.

Adding Measurement Data

Chart entry

The screenshot shows a medical chart interface. On the left, there is a sidebar with a 'Measurements' section containing a list of items: CDM Indicators, INR Flowsheet, Heart Failure Flowsheet, Hypertension Flowsheet, Diabetes Flowsheet, and BP. The 'BP' entry is highlighted with a red circle and includes the text '... 125/68 08-Jun-2014'. Below this is a 'Consultations' section with items like 'Addiction ... 11-Feb-2013' and 'BGH-Hip & Knee Arthropla... 07-Jun-2011'. On the right, the 'Assigned Issues' section is open, showing a note titled '[08-Jun-2014 .: Tel-Progress Notes]'. A red circle highlights the text 'BP 125/68 R. arm supine large cuff' within this note.

Flowsheet entry

The screenshot shows a medical flowsheet. On the left, there is a header for 'BP' with a small line graph icon. To the right, there are two data points for blood pressure. The first data point is circled in red and reads 'BP: 125/68' followed by '2014-06-08 0M' and a small box containing the number '1'. The second data point reads 'BP: 125/99' followed by '2014-02-05 4M'. Below the BP section, the text 'Smoking Status' is partially visible.

How are Measurements populated?

- ✦ Manually
 - ✦ Measurement Groups
 - ✦ Chronic Disease Flow sheets
 - ✦ eForms
- ✦ Automatically
 - ✦ Laboratory uploads

Manual Measurement Entry

using eForms (can be 2 way flow)

requires use of Database Tags

Manual Measurement Entry

using eForms (can be 2 way flow)

requires use of Database Tags

Examples include:

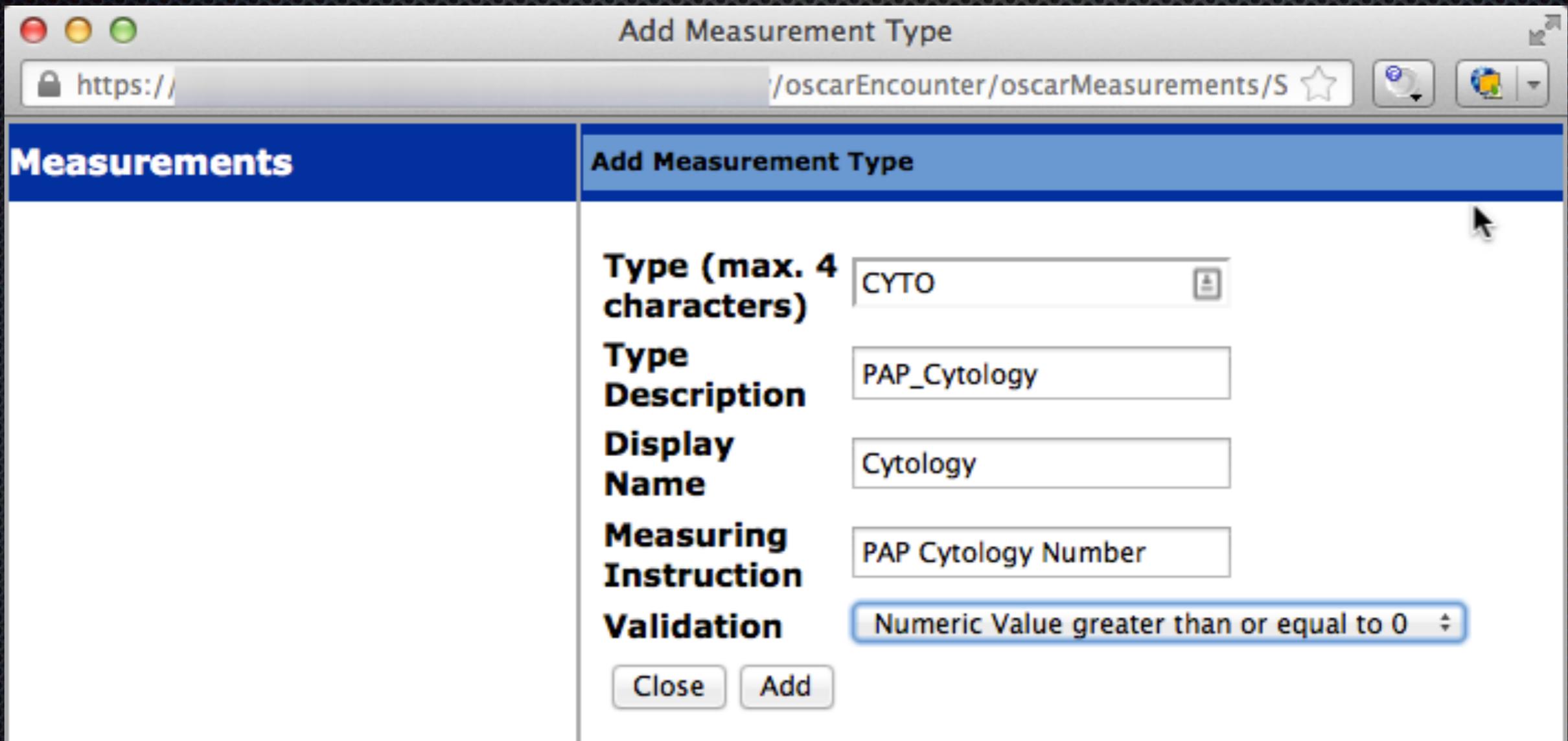
- ✦ Obstetrical measures (Gravida, Para, Abortions, LMP, EDD)
- ✦ Cytology Identification Number (for PAP forms)

Measurements using Database Tags

- Use of PAP Cytology number and Last Menstrual Period

Measurements using Database Tags

PAP Cytology Identification Number



The screenshot shows a web browser window with the title "Add Measurement Type". The address bar displays "https://.../oscarEncounter/oscarMeasurements/S". The page has a blue header with "Measurements" on the left and "Add Measurement Type" on the right. The main content area contains a form with the following fields:

Type (max. 4 characters)	<input type="text" value="CYTO"/>
Type Description	<input type="text" value="PAP_Cytology"/>
Display Name	<input type="text" value="Cytology"/>
Measuring Instruction	<input type="text" value="PAP Cytology Number"/>
Validation	<input type="text" value="Numeric Value greater than or equal to 0"/>

At the bottom of the form are two buttons: "Close" and "Add".

Measurements using Database Tags



Allergy 1	...	0.2	07-Jun-2014
Allergy 2	...	0.2	07-Jun-2014
Last Menstral ...	2014-05-24	07-Jun-2014	
Waist Circ.	...	42	01-Jun-2014
A1C	...	6.7	21-Apr-2014
Body Mass Index	...	21.5	21-Apr-2014
HT	...	167	21-Apr-2014
Waist	...	278	21-Apr-2014
WT	...	60	21-Apr-2014
BP	...	125/99	05-Feb-2014
EDC	...	2013-12-06	31-Aug-2013
GAD7 Anxiety Score	...	6	11-Jun-2013
PHQ9 Score	...	9	11-Jun-2013
EDD	...	2013-06-05	09-Jun-2013
PAP_Cytology	...	213456789	12-Apr-2013
Fragility Index	...	9	09-Apr-2013
EGFR	...	66	11-May-2012

Measurements using Database Tags



Gynecological Cytology Requisition Form



Note: Pap samples have to be labeled with the patient's surname and date of birth or sample will be rejected.

Requisition sections in red are required information.

Reports are sent to follow-up practitioners. If other providers require copies, please complete the 'Copy to' field (MSC # & Name needed).

Practitioner / Clinic MSC # Responsible for Follow-up		Follow-up Practitioner Name and Address	
<input type="text"/>		Tri-City Family Practice 142-3000 Lougheed Highway Coquitlam, B.C., V3B1C5 Tel:604-945-0100 Fax:604-945-0171	
Sample Provider MSC #	Sample Provider Name		
<input type="text"/>	<input type="text"/>		
Patient PHN	Patient DOB (dd/mm/yyyy)	Copy to MSC # & Name	Copy to MSC # & Name
12345677890	15/06/2008	<input type="text"/>	<input type="text"/>
Patient Last Name	Patient First Name & Initials	Patient Previous Last Name	Cytology Lab ID
TEST1	TEST1	<input type="text"/>	213456789
Smear Date (yyyy/mm/dd)	LMP Date (yyyy/mm/dd)	HPV Vaccination <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
2014-06-07	2014-05-24		
SMEAR SITE:	CLINICAL INFORMATION:	UTERINE PROCEDURES:	
<input checked="" type="checkbox"/> Cervix (ectocervix/endocervix) <input type="checkbox"/> Lateral Vaginal Wall <input type="checkbox"/> Vagina vault	<input type="checkbox"/> Abnormal Bleeding <input type="checkbox"/> Suspicious Lesion <input type="checkbox"/> Using IUD <input type="checkbox"/> Post Menopausal <input type="checkbox"/> Post Partum <input type="checkbox"/> Pregnant Hormonal Therapy: <input checked="" type="checkbox"/> None <input type="checkbox"/> Estrogen <input type="checkbox"/> Progesterone <input type="checkbox"/> Other Collection Method: <input type="checkbox"/> Brush <input type="checkbox"/> Broom Device <input checked="" type="checkbox"/> Spatula	<input type="checkbox"/> Colposcopy <input type="checkbox"/> Bite Biopsy <input type="checkbox"/> Cone Biopsy <input type="checkbox"/> LEEP <input type="checkbox"/> Cryotherapy <input type="checkbox"/> Laser <input type="checkbox"/> Pelvic Radiation <input type="checkbox"/> Total Hysterectomy (Uterus and Cervix removed) Date of Hysterectomy (yyyy) <input type="text"/>	

PAP:

- Normal PAP not on BCP
- Normal PAP on OCP
- Normal PAP on Progestin only BCP
- Normal PAP using IUD
- PAP Pregnant
- PAP Postpartum
- PAP Postmenopausal
- Received HPV Vaccine

Reset Close

[REFERENCE](#)

Deleting Measurement Data



Deleting Measurement Data

Click on Measurement Data you wish to delete



The screenshot shows a dropdown menu titled 'Measurements' with a plus sign in the top right corner. The menu lists various medical indicators and their corresponding values and dates. The entry 'Last Menstral ... 2014-06-14 07-Jun-2014' is circled in red. A mouse cursor is visible over the 'CDM Indicators' entry.

Measurement	Value	Date
CDM Indicators		
INR Flowsheet		
Heart Failure Flowsheet		
Hypertension Flowsheet		
Diabetes Flowsheet		
Allergy 1	... 0.2	07-Jun-2014
Allergy 2	... 0.2	07-Jun-2014
Last Menstral	... 2014-06-14	07-Jun-2014
Waist Circ.	... 42	01-Jun-2014
A1C	... 6.7	21-Apr-2014
Body Mass Index	... 21.5	21-Apr-2014
HT	... 167	21-Apr-2014
Waist	... 278	21-Apr-2014
WT	... 60	21-Apr-2014
BP	... 125/99	05-Feb-2014
EDC	... 2013-12-06	31-Aug-2013
GAD7 Anxiety Score	... 6	11-Jun-2013
PHQ9 Score	... 9	11-Jun-2013
EDD	... 2013-06-05	09-Jun-2013
PAP_Cytology	... 213456789	22-Apr-2013
Fragility Index	... 9	09-Apr-2013

Deleting Measurement Data

Check the Delete box on the far right; then Delete

The screenshot shows a web browser window titled "Old Measurements" with the URL <https://oscarEncounter/oscarMeasurements/SetupDisplayHistory.do?type=L>. The page displays a table of measurement data for "TEST1, TEST1 F 5 years". The table has columns for Type, Provider, Measuring Instruction, Data, Comments, Observation Date, Date Entered, and Delete. The first row is highlighted in blue and has a red "1" next to it, with a red circle around the checked checkbox in the Delete column. Below the table, there are buttons for "List Old Measurements Index", "Print", "Close", and "Delete". The "Delete" button is circled in red with a red "2" next to it.

Type	Provider	Measuring Instruction	Data	Comments	Observation Date	Date Entered	Delete
LMP		date	2014-06-14		2014-06-07	2014-06-07	<input checked="" type="checkbox"/>
LMP			2013-03-01		2013-08-31	2013-08-31	<input type="checkbox"/>
LMP			2013-01-01		2013-08-31	2013-08-31	<input type="checkbox"/>
LMP			2013-04-22		2013-04-22	2013-04-22	<input type="checkbox"/>
LMP			2013-03-26		2013-03-15	2013-03-15	<input type="checkbox"/>
LMP			2011-05-26		2012-07-24	2012-07-24	<input type="checkbox"/>
LMP			2009-11-07		2010-02-02	2010-02-02	<input type="checkbox"/>

List Old Measurements Index Print Close Delete

Deleting Measurement Groups



Deleting Measurement Groups

The screenshot displays a web application interface for managing measurement groups. The main navigation bar at the top includes links for Today, Month, Resources, Search, Report, Billing, Inbox²⁵, Msg^{15/16}, Con, Pref, eDoc, Tickler, and Admin (circled in red with a '1'). The left sidebar contains a menu with categories: Messages, Messenger Group Admin, eForms, oscarEncounter, and Misc. The 'Customize oscarMeasurements' link is circled in red with a '2'. A 'Customization' modal window is open, showing options for Group (Add Measurement Group, Edit Measurement Group (circled in red with a '3')), Type (View All Measurement Types, Add Measurement Type), Mappings (View Mapping, Add Measurement Mapping, Remove/Remap Measurement Mapping), Measuring Instruction (Add Measuring Instruction), and Style Sheets (View All Style Sheet, Add Measurement Style Sheet). The main content area shows a 'Select Measurement Group' dialog with a dropdown menu set to 'Rheumatolog' (circled in red with a '4') and a 'Delete' button (circled in red with a '5').

Deleting Measurement Groups

The image shows a screenshot of a web application interface with three overlapping windows. The background window is the 'ADMIN PAGE' at <https://.../admin/admin.jsp>, displaying a navigation menu with sections like 'Messages', 'eForms', 'oscarEncounter', and 'Misc'. The 'oscarEncounter' section is highlighted. Overlaid on the right is a 'Select Measurement Group' window at <https://.../oscarEncounter/oscarMeasurement>. This window shows a dropdown menu set to 'docs' and a 'Delete' button. A modal dialog box is open in the foreground, asking 'Are you sure you want to delete Rheumatolog group?'. The 'OK' button in this dialog is circled in red, with the text 'Choose OK' written in red next to it. A third window titled 'Customization' is overlaid at the bottom, showing a list of links for managing measurement groups, types, mappings, and instructions.

Today Month Resources Search Report Billing **Inbox²⁵** **Msg^{15/16}** Cgn Pref eDoc **Tjckler³** Admin

ADMIN PAGE Start Time : Mon May 05 08:57:26 PDT 2014

Group: docs | View All | Caseload

Select Measurement Group

Measurements

Select Measurement Group

Are you sure you want to delete Rheumatolog group?

Cancel **OK** Choose OK

Customization

Group

- [Add Measurement Group](#) [Edit Measurement Group](#)

Type

- [View All Measurement Types](#) [Add Measurement Type](#)

Mappings -- [View Mapping](#)

- [Add Measurement Mapping](#) [Remove/Remap Measurement Mapping](#)

Measuring Instruction

- [Add Measuring Instruction](#)

Style Sheets

- [View All Style Sheet](#) [Add Measurement Style Sheet](#)

How are Measurements populated?

- ✦ Manually
 - ✦ Measurement Groups
 - ✦ Chronic Disease Flow sheets
 - ✦ eForms
- ✦ Automatically
 - ✦ Laboratory uploads

Automatic Measurement Entry

- ✦ Requires Measurement Mapping

Measurement Mapping

- ✦ Necessary before lab measurements are tracked
- ✦ Only tracks lab values imported after you have mapped the measurement

Measurement Mapping

- ✦ Find the HL7 identifier of the lab value you want to map
- ✦ The HL7 identifier is also known as the LOINC code
- ✦ LOINC = Logical Observation Identifiers Names and Codes

Measurement Mapping

Open a lab result

Find the HL7 identifier of the lab value you want to map

Test Name(s)	Result	Abn	Reference Range	Units
Glucose Random info	11.6	H	3.6-7.8	mmol/L
Sodium info	141	N	135-145	mmol/L
Potassium info	3.3	L	3.5-5.0	mmol/L
Chloride info	106	N	98-108	mmol/L
Bicarbonate	23	N	20-30	mmol/L
Anion Gap	12	N	3-16	mmol/L
Serum Osmolality	300	HH	275-295	mosm/kg

*CRITICAL VALUE

javascript:popupStart('660','900','../ON/labValues.jsp?testName=Chloride&demo=2562&labType=HL7&identifier=2075-0')

Hover over the lab and look for the HL7 identifier here

Measurement Mapping

Open a lab result

Find the HL7 identifier of the lab value you want to map

Test Name(s)	Result	Abn	Reference Range	Units
Glucose Random info	11.6	H	3.6-7.8	mmol/L
Sodium info	141	N	135-145	mmol/L
Potassium info	3.3	L	3.5-5.0	mmol/L
Chloride	106	N	98-108	mmol/L
Bicarbonate	23	N	20-30	mmol/L
Anion Gap	12	N	3-16	mmol/L
Serum Osmolality	300	HH	275-295	mosm/kg

*CRITICAL VALUE

javascript:popupStart('660','900','../ON/labValues.jsp?testName=Chloride&demo=2562&labType=HL7&identifier=2075-0')

Hover over the lab and look for the HL7 identifier here

In this example, the HL7 identifier for Chloride is 2075-0

Measurement Mapping

View all the Mapped Measurements

The screenshot shows a web application interface with a navigation menu on the left and a main content area. The navigation menu includes items like 'Upload an Image', 'eForm Groups', 'Patient-independent eForm', 'oscarEncounter', 'Select Forms', 'Import Form Data', 'Customize Disease Registry Quick List', and 'Customize oscarMeasurements' (circled in red with a '2'). The main content area has a 'View Mapping' link circled in red with a '3'. Below this is a 'Measurement Mapping Configuration' window showing a table of mapped measurements.

MEAS	Loinc Code	Desc	PATHL7	MDS	GDML	CML	ICL
map	5769-5	BACTERIA		BACTERIA: -BACT-U	BACTERIA: 253A&04		
map	25146-2	BILIRUBIN CRYSTALS		BILIRUBIN CRYSTALS: -CRYS B			
map	38995-7	CELLULAR CASTS		CELLULAR CASTS: -CAST CE			
map	25153-8	CHOLESTEROL CRYSTALS		CHOLESTEROL CRYSTALS: -CRYS CH			
map	25155-3	CYSTINE CRYSTALS		CYSTINE CRYSTALS: -CRYS CY			
map	5789-3	FATTY CASTS		FATTY CASTS: -CASTF			
map	25163-7	LEUCINE CRYSTALS		LEUCINE CRYSTALS: -CRYS LEU			
map	X100444	OTHER		OTHER: -OTH			
map	5807-3	RBC CASTS		RBC CASTS: -CASTR			
map	33021-7	TYROSINE CRYSTALS		TYROSINE CRYSTALS: -CRYS TYR			

Measurement Mapping

Find the Lab Measurement of interest (2075-0)
(try Ctrl-F or Cmd-F with HL7 identifier)

map	HL7 Identifier	Measurement Name	Code	Code	Code	Code	Code	Code
map	16601-7	Nucleic Acid Amplification	Chlamydia trachomatis Nucleic Acid Amplification: 16601-7					
map	16600-9	Chlamydia trachomatis Nucleic Acid Amplification	Chlamydia trachomatis Nucleic Acid Amplification: 16600-9					
map	21613-5	Chlamydia trachomatis Nucleic Acid Amplification	Chlamydia trachomatis Nucleic Acid Amplification: 21613-5					
map	173-5	Chloramphenicol	Chloramphenicol: 173-5					
map	2075-0	Chloride	Chloride: 2075-0	CHLORIDE: -CL	Chloride: 053M	Chloride: 3230		
LIPIDS TC/HDL: TCHL	9322-9	Chol/HDL (Risk Ratio)	Chol/HDL (Risk Ratio): 9322-9	CHOLESTEROL/HDL RATIO: -HDLRAT	RATIO AND RISK FACTOR: R/RM	CHOL/HDL RATIO: 3939		LIPIDS TC/HDL: TCHOL
TC/HDL: TCHD	32309-7	Chol/HDL Risk Ratio	Chol/HDL Risk Ratio: 32309-7					
Total Cholesterol: TCHL	14647-2	Cholesterol	Cholesterol: 14647-2	CHOLESTEROL: -CHOL	Cholesterol: 055M	CHOLESTEROL: 3120		Total Cholesterol: CHO
map	185-9	Ciprofloxacin	Ciprofloxacin: 185-9	CIPROFLOXACIN: -CIPROFL				
CK: CK	2157-6	CK	CK: 2157-6		CK: 066M			
map	189-1	Clarithromycin	Clarithromycin: 189-1					

Find: 2075-0 Next Previous Highlight all Match case

Click map

Measurement Mapping

Select Measurement from Dropdown box

Measurement Mapping Configuration

https://oscar_tricity/oscarEncounter/oscarMeasurements/addMeasurementMap2.jsp?loin

Close

Map Unmapped Identifier Codes

Select Measurement:

To Map to Loinc Code : 2075-0

NOTE: [It is suggested that you use the RELMA application to help determine correct loinc codes.](#)

- Oxygen Saturation (02)
- Oxygen Saturation (02SA)
- 24 hour urine albumin (24UA)
- 24-hr Urine cr clearance & albuminuria (24UR)
- 5 Day Adherence if on ART (5DAA)
- A1C (A1C)
- Asthma Action Plan (AACP)
- Blood Type (ABO)
- Asthma Coping Strategies (ACOS)
- Anti CCP Antibody (ACPA)
- Alb creat ratio (ACR)
- Acute Conronary Syndrome (ACS)
- Asthma Education Referral (AEDR)
- Exacerbations since last visit requiring clinical evaluation (AELV)
- Asthma Environmental Control (AENC)
- AFP (AFP)

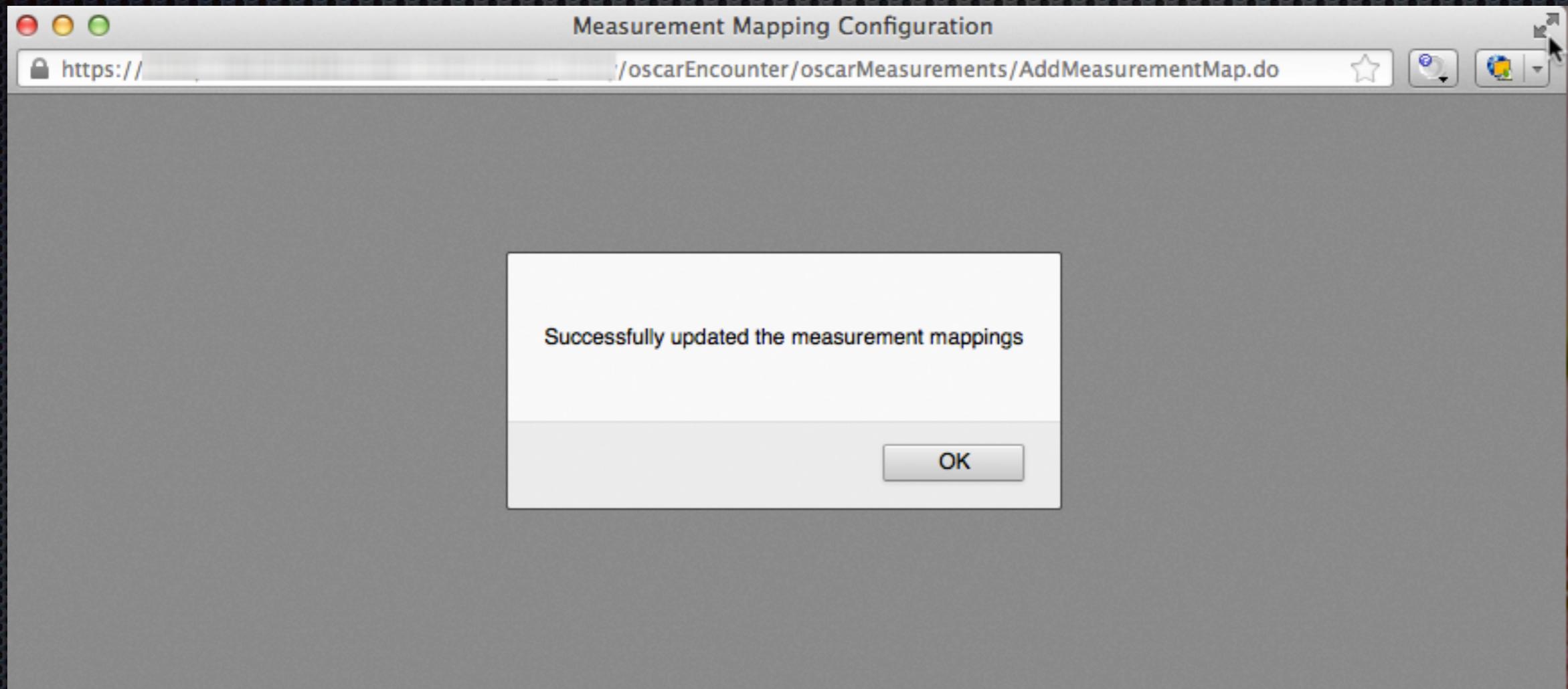
Find: Match case

Measurement Mapping

Select Update Measurement Mapping

The screenshot shows a web browser window titled "Measurement Mapping Configuration". The address bar displays the URL: `https://oscar_tricity/oscarEncounter/oscarMeasurements/addMeasurementMap2.jsp?loin`. The page content includes a "Map Unmapped Identifier Codes" section with a "Select Measurement:" dropdown menu set to "CI (Cipl)", which is circled in red and labeled with a red "1". Below this, a text field "To Map to Loinc Code :" contains the value "2075-0", which is enclosed in a purple box. A red circle labeled "2" highlights the "Update Measurement Mapping" button. To the right of this button is an "Add New Loinc Code" button. A blue note states: "NOTE: It is suggested that you use the RELMA application to help determine correct loinc codes." Below the note is a list of medical conditions, each preceded by a bullet point: Oxygen Saturation (O2), Oxygen Saturation (O2SA), 24 hour urine albumin (24UA), 24-hr Urine cr clearance & albuminuria (24UR), 5 Day Adherence if on ART (5DAA), A1C (A1C), Asthma Action Plan (AACP), Blood Type (ABO), Asthma Coping Strategies (ACOS), Anti CCP Antibody (ACPA), Alb creat ratio (ACR), Acute Conronary Syndrome (ACS), Asthma Education Referral (AEDR), Exacerbations since last visit requiring clincal evaluation (AELV), Asthma Environmental Control (AENC), and AFP (AFP). At the bottom of the page, there is a search bar with the text "Find:" and a magnifying glass icon, and several navigation buttons: "Next", "Previous", "Highlight all", and "Match case".

Measurement Mapping



Adding LOINC codes

Find the HL7 identifier of the lab value you want to map

Test Name(s)	Result	Abn	Reference Range	Units
Glucose Random info	11.6	H	3.6-7.8	mmol/L
Sodium info	141	N	135-145	mmol/L
Potassium info	3.3	L	3.5-5.0	mmol/L
Chloride info	106	N	98-108	mmol/L
Bicarbonate	23	N	20-30	mmol/L
Anion Gap	12	N	3-16	mmol/L
Serum Osmolality	360	HH	275-295	mosm/kg

Hover the mouse over the lab and look for the HL7 identifier here

javascript:popupStart('660','900','../ON/labValues.jsp?testName=Bicarbonate&demo=2562&labType=HL7&identifier=1962-0')

In this example, the HL7 identifier for Bicarbonate is 1962-0

Adding LOINC codes

Measurement Mapping Configuration

https://.../oscarEncounter/oscarMeasurements/viewMeasurementMap.jsp

map	36-4	Azithromycin	Azithromycin: 36-4				
map	19270-8	Barbiturates	Barbiturates: 19270-8	BARBITURATES: -BARB			
map	6037-6	Barley	Barley: 6037-6				
map	704-7	Basophils	Basophils: 704-7	(A) BASO: -BASO-A	BASOPHILS: 372&19	(A) BASO: 2198	
map	14316-4	Benzodiazepines	Benzodiazepines: 14316-4	BENZODIAZEPINES: -BENZ			
map	2871-2	Beta Globulin	Beta Globulin: 2871-2				
map	1963-8	Bicarbonate	Bicarbonate: 1963-8		BICARBONATE: 061M		
map	5770-3	Bilirubin	Bilirubin: 5770-3		BILIRUBIN: 253&22		
map	X1020	Bioavailable Testosterone	Bioavailable Testosterone: X1020	BIOAVAILABLE TESTOSTERONE: -BIOAVAIL			
map	15283-5	Birch	Birch: 15283-5				
map	708-8	Blasts	Blasts: 708-8	(A) BLASTS: -BLAST-A			
map	11067-6	Bleeding Time	Bleeding Time: 11067-6				

Transferring data from tricity-med.dnsalias.com...

Find: bicarb Next Previous Highlight all Match case Reached end of page, continued from top

The LOINC code listed for Bicarbonate does not match the HL7 code from the lab (1962-0)

Adding LOINC codes

The screenshot shows a web browser window titled "Measurement Mapping Configuration" with the URL `https://oscarEncounter/oscarMeasurements/addMeasurementMap2.jsp?loinc=1963-8`. The page has a blue header with a "Close" button and links for "About" and "License".

The main content area is titled "Map Unmapped Identifier Codes". It contains a form with the following fields:

- Select Measurement:** A dropdown menu currently showing "Bicarbonate (HCO3)".
- To Map to Loinc Code :** A text input field containing "1963-8".

Below the form are two buttons: "Update Measurement Mapping" and "Add New Loinc Code". The "Add New Loinc Code" button is circled in red.

A note below the buttons reads: "NOTE: [It is suggested that you use the RELMA application to help determine correct loinc codes.](#)"

At the bottom, there is a list of LOINC codes with radio buttons next to them:

- Oxygen Saturation (O2)
- Oxygen Saturation (O2SA)
- 24 hour urine albumin (24UA)
- 24-hr Urine cr clearance & albuminuria (24UR)
- 5 Day Adherence if on ART (5DAA)
- A1C (A1C)
- Asthma Action Plan (AACP)
- Blood Type (ABO)
- Asthma Coping Strategies (ACOS)
- Anti CCP Antibody (ACPA)

Adding LOINC codes

Measurement Mapping Configuration

https:// /oscarEncounter/oscarMeasurer

Close | [About](#) | [License](#)

Add New Loinc Code

Loinc Code: 1

Name: 2

3

NOTE: [It is suggested that you use the RELMA application to help determine correct loinc codes.](#)

Adding LOINC codes

The screenshot shows a web browser window titled "Measurement Mapping Configuration" with the URL <https://oscarEncounter/oscarMeasurerer>. The page has a dark blue header with a "Close" button and links for "About" and "License". A modal dialog box is displayed in the center with the following text:

The loinc code specified is not a valid loinc code, please start the code with an 'X' if you would like to make your own.

Below the dialog, the "Add New Loinc Code" form is visible, showing "1962-0" in the "Loinc Code" field and "Bicarbonate" in the "Name" field. An "Add Loinc Code" button is at the bottom of the form. An "OK" button is located on the dialog box.

NOTE: [It is suggested that you use the RELMA application to help determine correct loinc codes.](#)

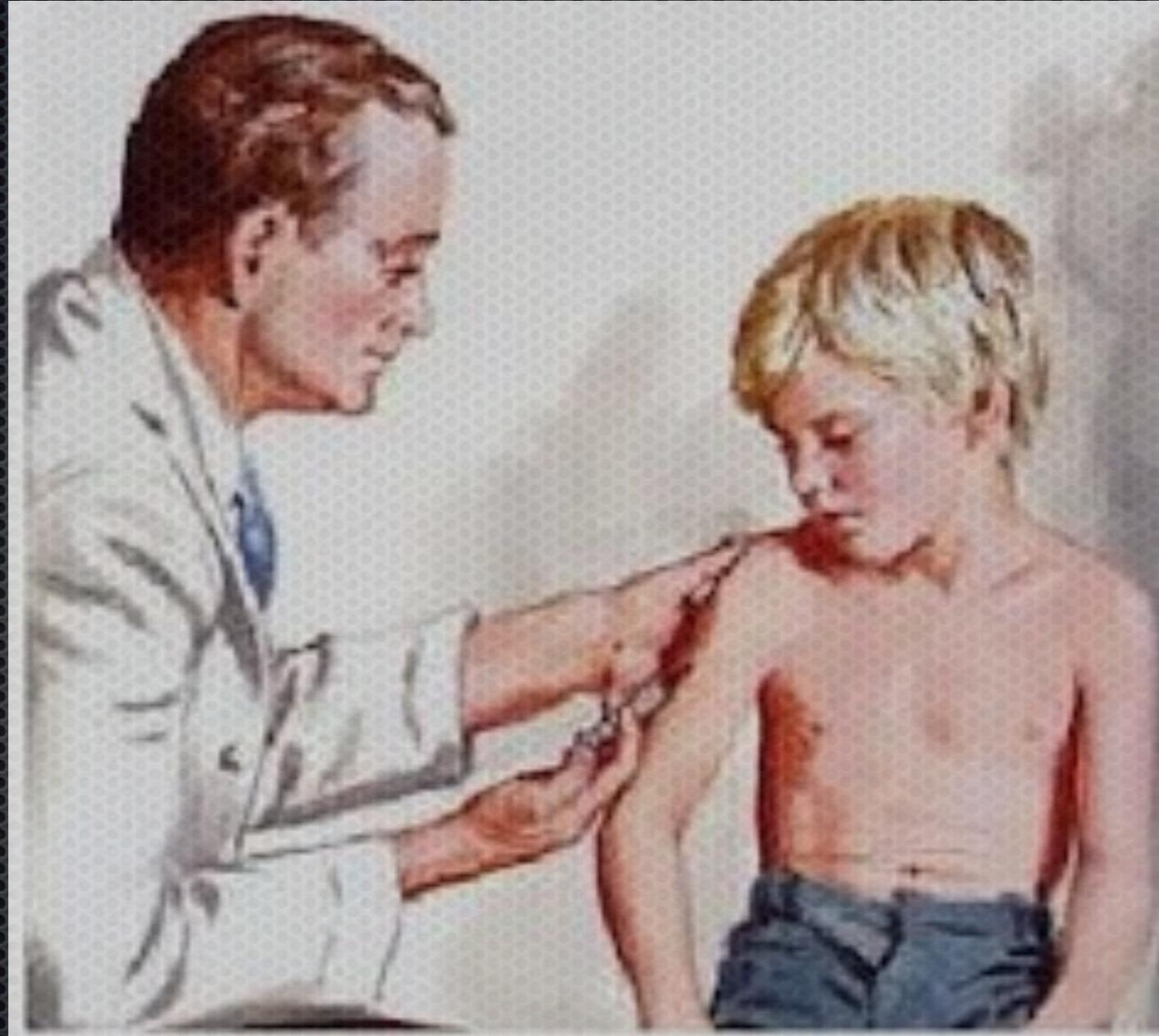


**KEEP
CALM
AND
WHO YOU
GONNA CALL?**



Call your OSP to add this “under the hood”

Allergy Measurement

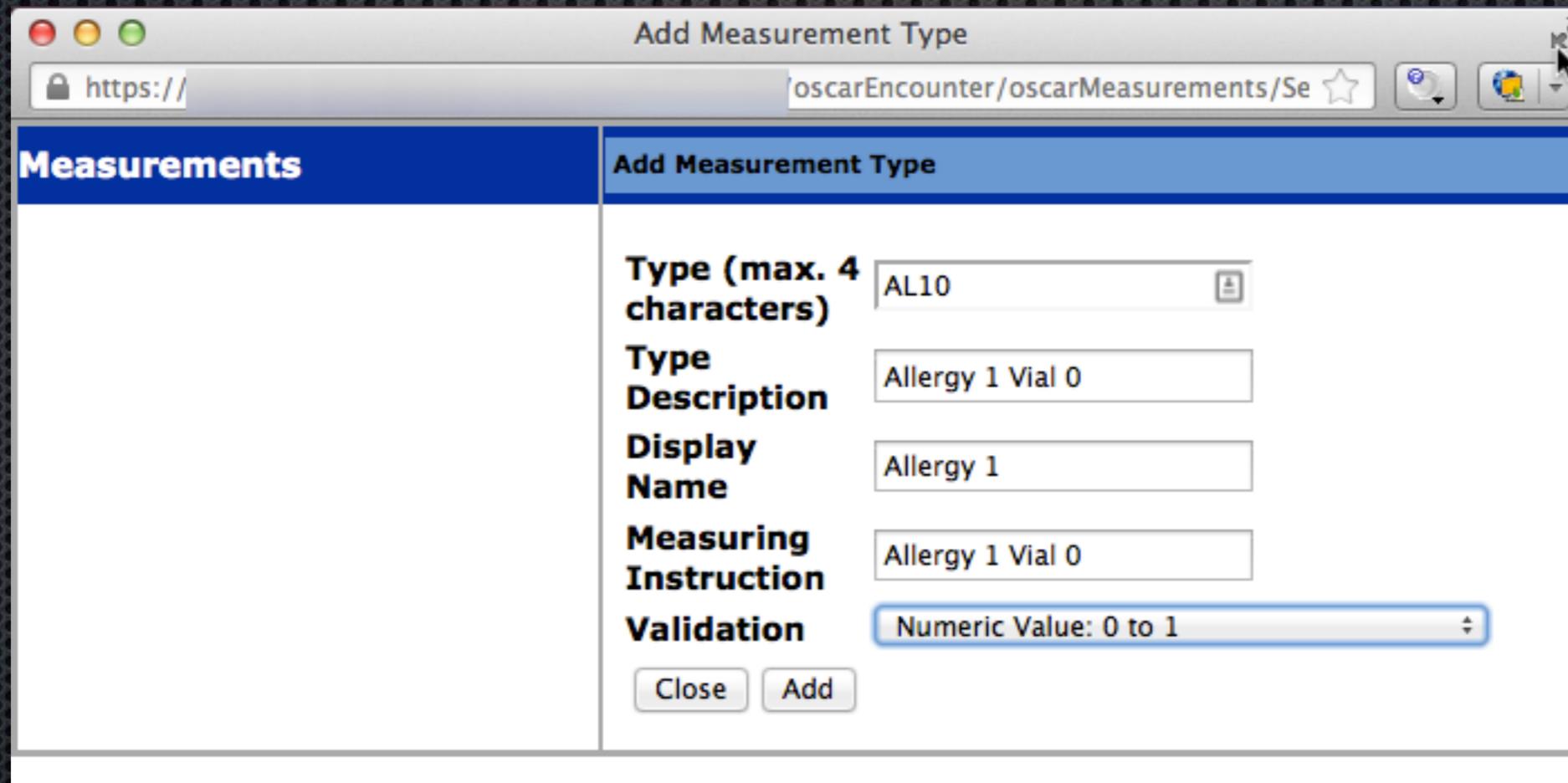


Allergy Measurement

Measurements can be used to track Allergy shots

Allergy Measurement

First create the following Allergy Types



The screenshot shows a web browser window with the title "Add Measurement Type". The address bar contains "https://oscarEncounter/oscarMeasurements/Se". The page has a blue header with "Measurements" on the left and "Add Measurement Type" on the right. The main content area contains a form with the following fields:

Type (max. 4 characters)	<input type="text" value="AL10"/>
Type Description	<input type="text" value="Allergy 1 Vial 0"/>
Display Name	<input type="text" value="Allergy 1"/>
Measuring Instruction	<input type="text" value="Allergy 1 Vial 0"/>
Validation	<input type="text" value="Numeric Value: 0 to 1"/>

At the bottom of the form are two buttons: "Close" and "Add".

Allergy Measurement

Keep adding Allergy Types

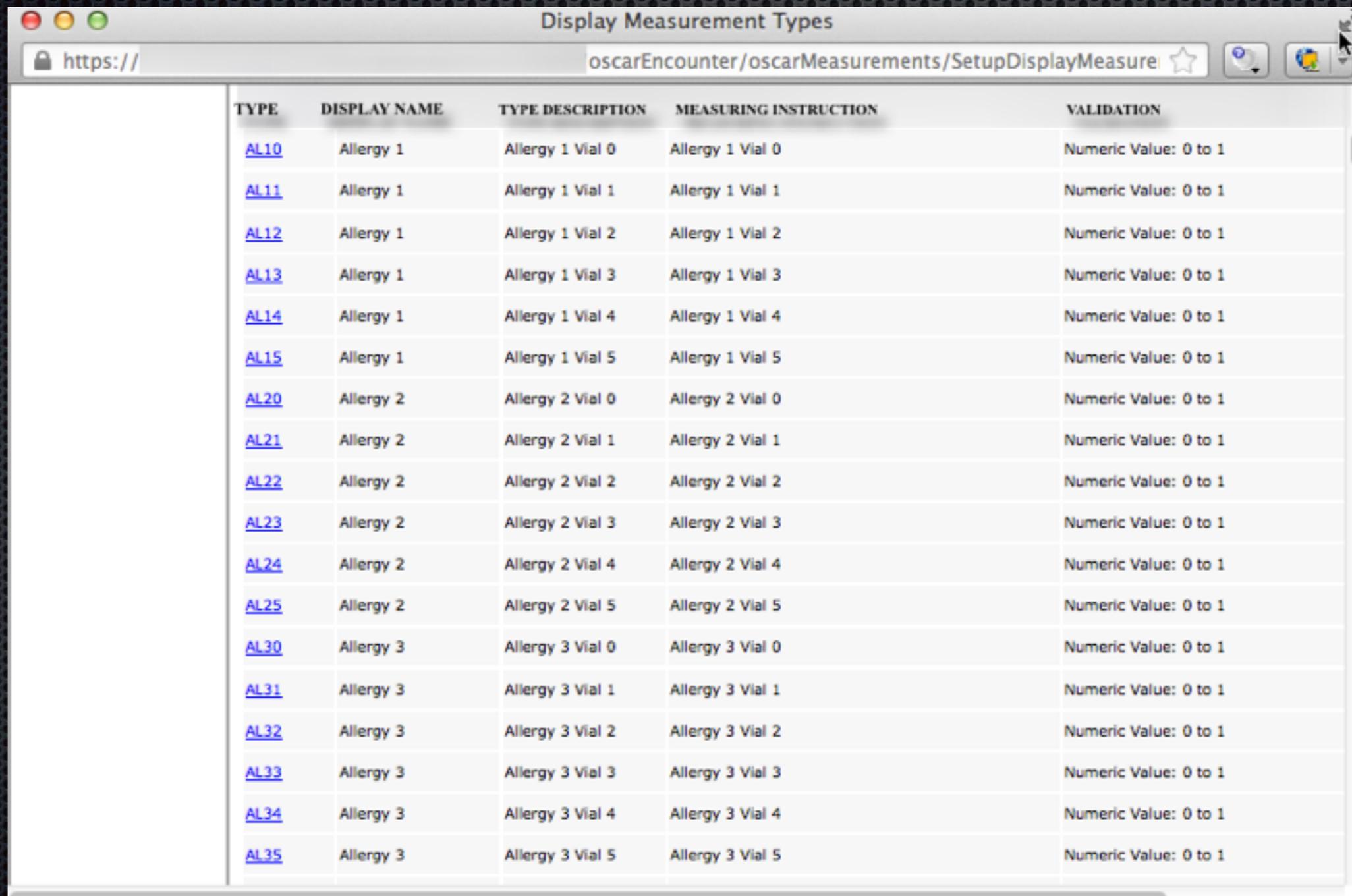
The screenshot shows a web browser window titled "Add Measurement Type". The address bar displays "https:// /oscarEncounter/oscarMeasurements/Se". The page content is divided into two main sections: "Measurements" on the left and "Add Measurement Type" on the right. The "Add Measurement Type" section contains the following fields:

- Type (max. 4 characters):** Input field containing "AL11".
- Type Description:** Input field containing "Allergy 1 Vial 1".
- Display Name:** Input field containing "Allergy 1".
- Measuring Instruction:** Input field containing "Allergy 1 Vial 1".
- Validation:** A dropdown menu showing "Numeric Value: 0 to 1".

At the bottom of the form, there are two buttons: "Close" and "Add".

Allergy Measurement

Repeat adding Allergy Types as shown below

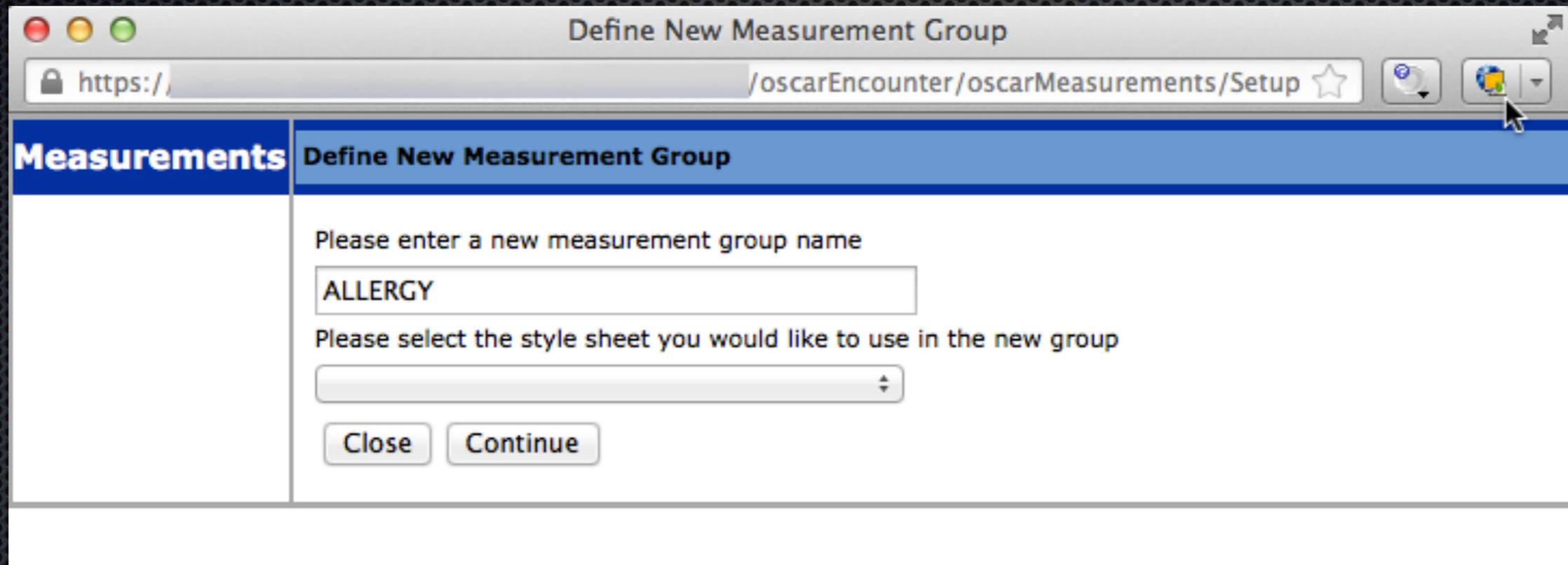


The screenshot shows a web browser window titled "Display Measurement Types" with the URL "https://oscarEncounter/oscarMeasurements/SetupDisplayMeasure". The browser interface includes standard navigation buttons (back, forward, refresh, home) and a search icon. The main content is a table with the following columns: TYPE, DISPLAY NAME, TYPE DESCRIPTION, MEASURING INSTRUCTION, and VALIDATION. The table lists 15 rows of allergy measurement types, grouped by Allergy 1, Allergy 2, and Allergy 3. Each row includes a unique ID (e.g., AL10), a display name, a type description, a measuring instruction, and a validation rule (Numeric Value: 0 to 1).

TYPE	DISPLAY NAME	TYPE DESCRIPTION	MEASURING INSTRUCTION	VALIDATION
AL10	Allergy 1	Allergy 1 Vial 0	Allergy 1 Vial 0	Numeric Value: 0 to 1
AL11	Allergy 1	Allergy 1 Vial 1	Allergy 1 Vial 1	Numeric Value: 0 to 1
AL12	Allergy 1	Allergy 1 Vial 2	Allergy 1 Vial 2	Numeric Value: 0 to 1
AL13	Allergy 1	Allergy 1 Vial 3	Allergy 1 Vial 3	Numeric Value: 0 to 1
AL14	Allergy 1	Allergy 1 Vial 4	Allergy 1 Vial 4	Numeric Value: 0 to 1
AL15	Allergy 1	Allergy 1 Vial 5	Allergy 1 Vial 5	Numeric Value: 0 to 1
AL20	Allergy 2	Allergy 2 Vial 0	Allergy 2 Vial 0	Numeric Value: 0 to 1
AL21	Allergy 2	Allergy 2 Vial 1	Allergy 2 Vial 1	Numeric Value: 0 to 1
AL22	Allergy 2	Allergy 2 Vial 2	Allergy 2 Vial 2	Numeric Value: 0 to 1
AL23	Allergy 2	Allergy 2 Vial 3	Allergy 2 Vial 3	Numeric Value: 0 to 1
AL24	Allergy 2	Allergy 2 Vial 4	Allergy 2 Vial 4	Numeric Value: 0 to 1
AL25	Allergy 2	Allergy 2 Vial 5	Allergy 2 Vial 5	Numeric Value: 0 to 1
AL30	Allergy 3	Allergy 3 Vial 0	Allergy 3 Vial 0	Numeric Value: 0 to 1
AL31	Allergy 3	Allergy 3 Vial 1	Allergy 3 Vial 1	Numeric Value: 0 to 1
AL32	Allergy 3	Allergy 3 Vial 2	Allergy 3 Vial 2	Numeric Value: 0 to 1
AL33	Allergy 3	Allergy 3 Vial 3	Allergy 3 Vial 3	Numeric Value: 0 to 1
AL34	Allergy 3	Allergy 3 Vial 4	Allergy 3 Vial 4	Numeric Value: 0 to 1
AL35	Allergy 3	Allergy 3 Vial 5	Allergy 3 Vial 5	Numeric Value: 0 to 1

Allergy Measurement

Create New Allergy Group

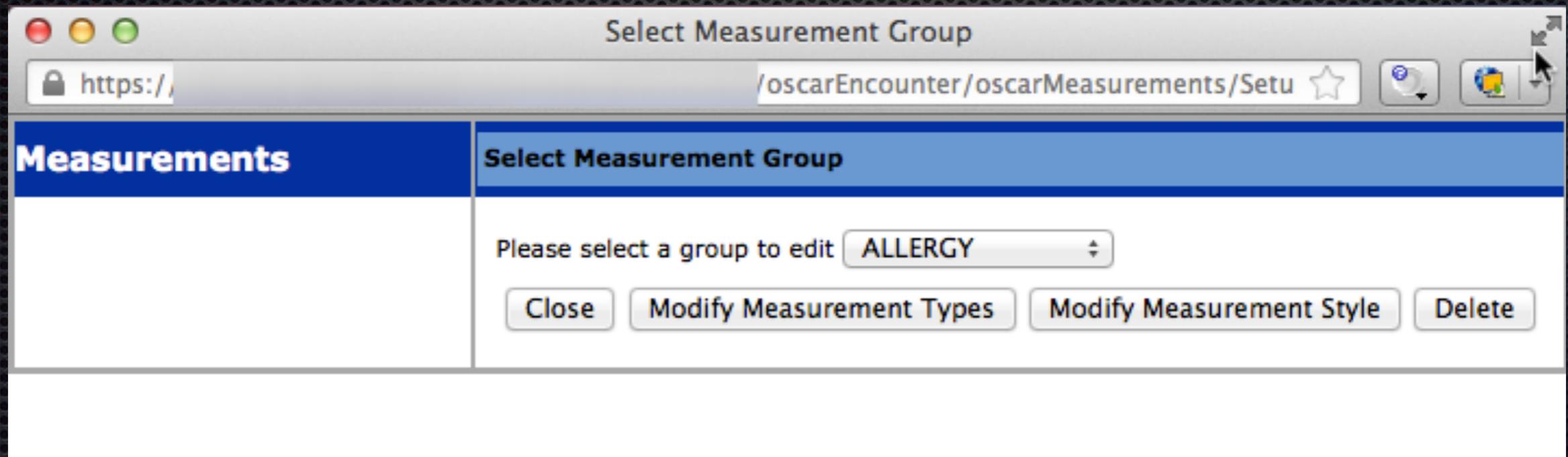


The screenshot shows a web browser window with the title "Define New Measurement Group". The address bar displays "https:// /oscarEncounter/oscarMeasurements/Setup". The page content includes a sidebar with the word "Measurements" and a main area with the heading "Define New Measurement Group". The form contains the following elements:

- A text input field with the label "Please enter a new measurement group name" containing the text "ALLERGY".
- A dropdown menu with the label "Please select the style sheet you would like to use in the new group".
- Two buttons: "Close" and "Continue".

Allergy Measurement

Edit Allergy Group



The screenshot shows a web browser window with the title "Select Measurement Group". The address bar displays "https://oscarEncounter/oscarMeasurements/Setu". The page content is divided into two main sections. On the left, there is a blue header labeled "Measurements". On the right, there is a blue header labeled "Select Measurement Group". Below the right header, the text "Please select a group to edit" is followed by a dropdown menu currently showing "ALLERGY". At the bottom of the right section, there are four buttons: "Close", "Modify Measurement Types", "Modify Measurement Style", and "Delete".

Measurements	Select Measurement Group
	<p>Please select a group to edit <input type="text" value="ALLERGY"/></p> <p><input type="button" value="Close"/> <input type="button" value="Modify Measurement Types"/> <input type="button" value="Modify Measurement Style"/> <input type="button" value="Delete"/></p>

Allergy Measurement

Add Allergy 1 to Allergy Group

The screenshot shows a web browser window titled "Edit Measurement Group" with the URL <https://oscarEncounter/oscarMeasurem>. The page has a blue header bar with "Measurements" on the left and "Edit Measurement Group" on the right. Below the header, the main content area is titled "All Types" and contains the instruction: "Please Select types and press Add button to add types into the groupALLERGY". A list of measurement types is displayed in a scrollable container: MMSE, Peak Flow Rate, Prostatic Specific Antigen, Allergy 3, Allergy 1 (highlighted in orange), Pregnancy Test, Chickenpox, Rubella, Allergy 2, and CEA. At the bottom of the list, there are three buttons: "Add" (circled in red), "Close", and "Delete". On the right side of the page, there is a section titled "ALLERGY" with the instruction: "Select types and press Delete button to delete types from the groupALLERGY".

Allergy Measurement

Add Allergy 2 to Allergy Group

The screenshot shows a web browser window titled "Edit Measurement Group" with the URL "https://oscarEncounter/oscarMeasurem". The page has a blue header with "Measurements" on the left and "Edit Measurement Group" on the right. The main content area is divided into two sections: "All Types" and "ALLERGY".

All Types
Please Select types and press Add button to add types into the groupALLERGY

- Peak Flow Rate
- Prostatic Specific Antigen
- Allergy 3
- Pregnancy Test
- Chickenpox
- Rubella
- Allergy 2** (highlighted)
- CEA
- CA199
- AFP

ALLERGY
Select types and press Delete button to delete types from the groupALLERGY

Group: Allergy 1

Buttons: Add, Close, Delete

Allergy Measurement

Add Allergy 3 to Allergy Group

The screenshot shows a web browser window titled "Edit Measurement Group" with the URL <https://oscarEncounter/oscarMeasurement>. The page is divided into two main sections: "Measurements" on the left and "Edit Measurement Group" on the right. The "Edit Measurement Group" section is further divided into "All Types" and "ALLERGY".

Measurements

Edit Measurement Group

All Types

Please Select types and press Add button to add types into the groupALLERGY

- HT
- WT
- HbA1c
- FBS
- Macroalbuminuria
- Urine alb: creat ratio
- 24-hr Urine cr clearance & albuminuria
- TG
- LDL
- TC/HDL

ALLERGY

Select types and press Delete button to delete types from the groupALLERGY

- Allergy 3
- Allergy 2
- Allergy 1

Buttons: Add, Close, Delete

Allergy Measurement

Hover over “+” and choose ALLERGY from patient chart

The screenshot displays the oscarEncounter patient chart for TEST1, TEST1 F 5 years. The interface is divided into several sections:

- Preventions:** Tdap-IPV, MMR, MenC-C, Tdap-IPV-Hib, DTaP-IPV-Hib, MMRV.
- Medical History:** ingrown toe nail, asthma, COPD, Hypertension, HIV, NIDDM.
- Allergies:** NO DRUG ALLERGY (21-Jul-2011), PENICILLIN V (PENICILLI... (05-May-2009), PENICILLINS (05-May-2009).
- Medications:** NONE.
- Other Meds:** Past Surgical History: 2010-Cholecystectomy.
- Risk Factors:** Non-smoker. No EtOH.
- Family History:** Father-, Mother-, Older brother-A/W, Older sister-A/W, Younger brother-A/W, Younger sister-A/W, Younger sister-A/W.
- Unresolved Issues:** Medical History as part of cpp, Other Meds as part of cpp, Family History as part of cpp, Risk Factors as part of cpp.
- Resolved Issues:** Decision Support Alerts, Episodes.

The 'Input Groups' dropdown menu is open, showing the following options:

- CPX
- Drug Levels
- ASTHMA
- Serology
- ObGyn
- ALLERGY** (highlighted with a red arrow)
- Immunology
- Rheumatology
- PSYCH
- CHRONIC CARE

The main content area shows several entries for 'WAIS 123 Waist Circum in cm' and 'WC 234 in cm (nnn) Range:40-500 Interval:3mo.' along with 'CDM Indicators Update' messages.

Allergy Measurement

Enter allergy shot information

ALLERGY Measurements

https://oscarEncounter/oscarMeasurements/SetupMeasurements.do?groupName=ALLERGY

ALLERGY TEST1, TEST1 F 5 years

[calculators](#)

Type	Measuring Instruction	Value	Observation Date (yyyy-mm-dd)	Comments
Allergy 1	<input type="radio"/> Allergy 1 Vial 4 <input type="radio"/> Allergy 1 Vial 3 <input type="radio"/> Allergy 1 Vial 2 <input checked="" type="radio"/> Allergy 1 Vial 1 <input type="radio"/> Allergy 1 Vial 0 <input type="radio"/> Allergy 1 Vial 5	0.2	2014-6-7	R. arm
Allergy 2	<input type="radio"/> Allergy 2 Vial 4 <input type="radio"/> Allergy 2 Vial 3 <input type="radio"/> Allergy 2 Vial 2 <input checked="" type="radio"/> Allergy 2 Vial 1 <input type="radio"/> Allergy 2 Vial 0 <input type="radio"/> Allergy 2 Vial 5	0.2	2014-6-7	L. arm
Allergy 3	<input type="radio"/> Allergy 3 Vial 4 <input type="radio"/> Allergy 3 Vial 3 <input type="radio"/> Allergy 3 Vial 2 <input type="radio"/> Allergy 3 Vial 1 <input type="radio"/> Allergy 3 Vial 0 <input checked="" type="radio"/> Allergy 3 Vial 5		2014-6-7	

Cancel **Submit**

Allergy Measurement

Allergy shot information is saved in clinical notes

The screenshot displays a medical record interface. On the left, a sidebar lists various measurements under the heading "Measurements". Two entries, "Allergy 1" and "Allergy 2", are highlighted with a red box. The main content area shows two clinical notes. The top note, dated 07-Jun-2014, contains the text "AL15 0.2 Allergy 1 Vial 1 R. arm" and "AL25 0.2 Allergy 2 Vial 1 L. arm", which are also highlighted with a red box. The bottom note is dated 07-Jun-2014 and is currently empty.

Measurement	Value	Date
Allergy 1	0.2	07-Jun-2014
Allergy 2	0.2	07-Jun-2014
Waist Circ.	42	01-Jun-2014
A1C	6.7	21-Apr-2014
Body Mass Index	21.5	21-Apr-2014
HT	167	21-Apr-2014
Waist	278	21-Apr-2014
WT	60	21-Apr-2014
BP	125/99	05-Feb-2014
EDC	2013-12-06	31-Aug-2013

[Signed on 07-Jun-2014 17:58 by Dr. Herbert Y.C. Chang]
Editors: ; Encounter Date: 01-Jun-2014 12:38 rev 3
Assigned Issues Enc Type:

[07-Jun-2014 .: Tel-Progress Notes] Edit

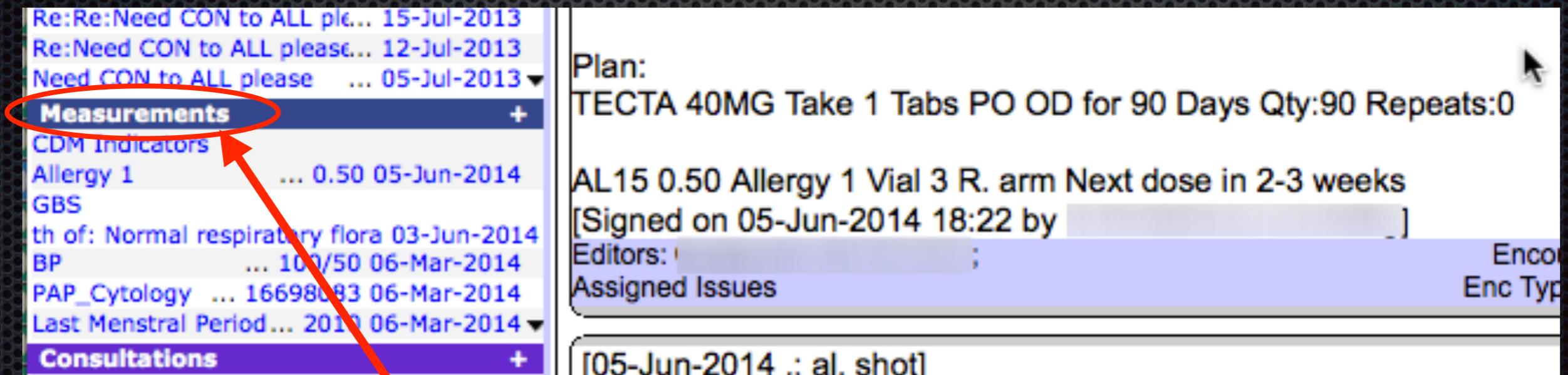
AL15 0.2 Allergy 1 Vial 1 R. arm
AL25 0.2 Allergy 2 Vial 1 L. arm

[Signed on 07-Jun-2014 18:00 by]
Editors: Encounter Date: 07-Jun-2014 18:00 rev 1
Assigned Issues Enc Type:

[07-Jun-2014 .: Tel-Progress Notes]

Allergy Measurement

Allergy shot information can be printed for allergist



The screenshot shows a medical software interface. On the left is a vertical list of tabs, including 'Measurements' which is highlighted with a red circle and an arrow. The main content area on the right displays the following information:

Plan:
TECTA 40MG Take 1 Tabs PO OD for 90 Days Qty:90 Repeats:0

AL15 0.50 Allergy 1 Vial 3 R. arm Next dose in 2-3 weeks
[Signed on 05-Jun-2014 18:22 by _____]

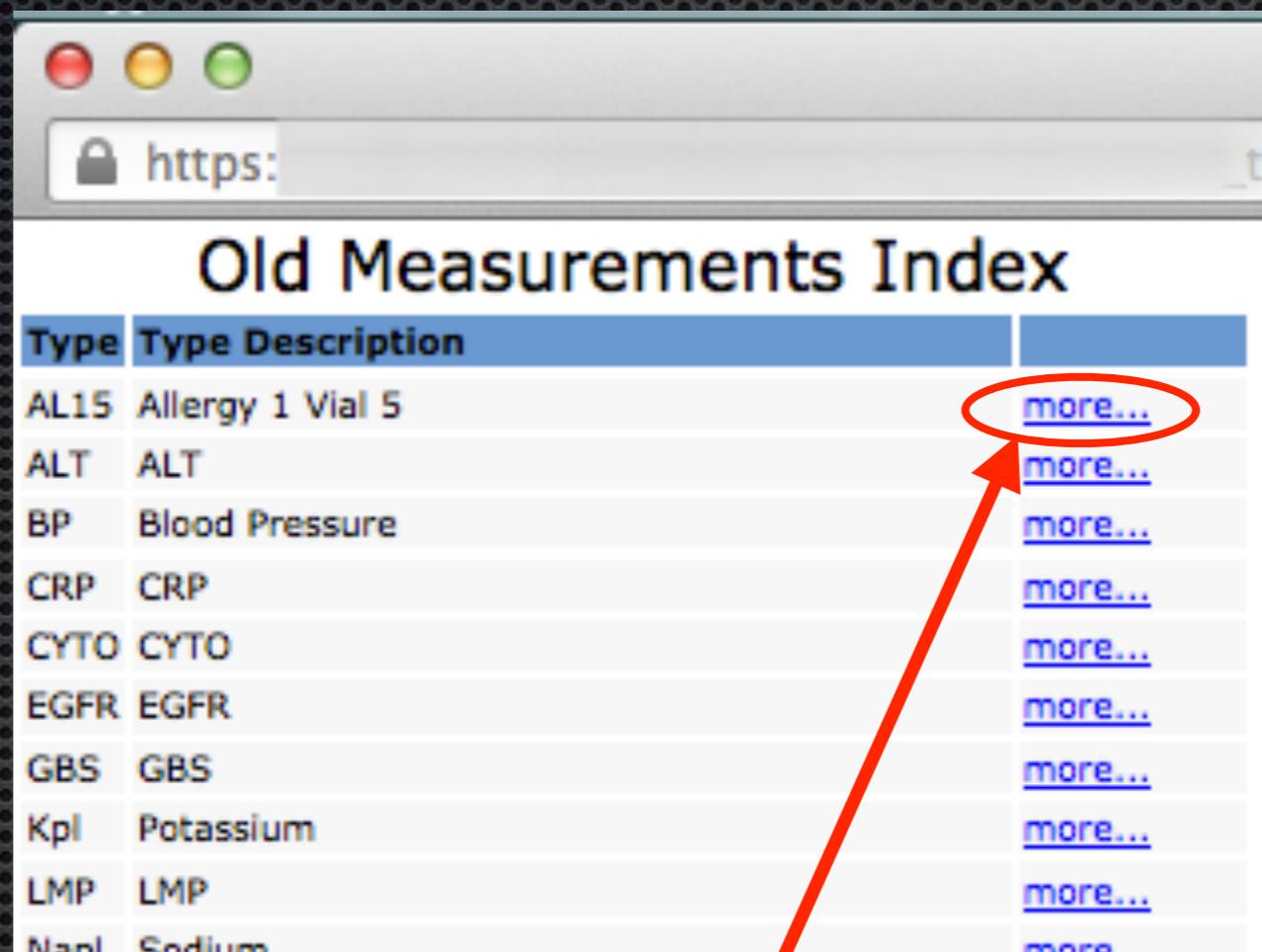
Editors: _____ ; _____ Encod
Assigned Issues _____ Enc Typ

[05-Jun-2014 ; al, shot]

Click on Measurements in Header

Allergy Measurement

Allergy shot information can be printed for allergist

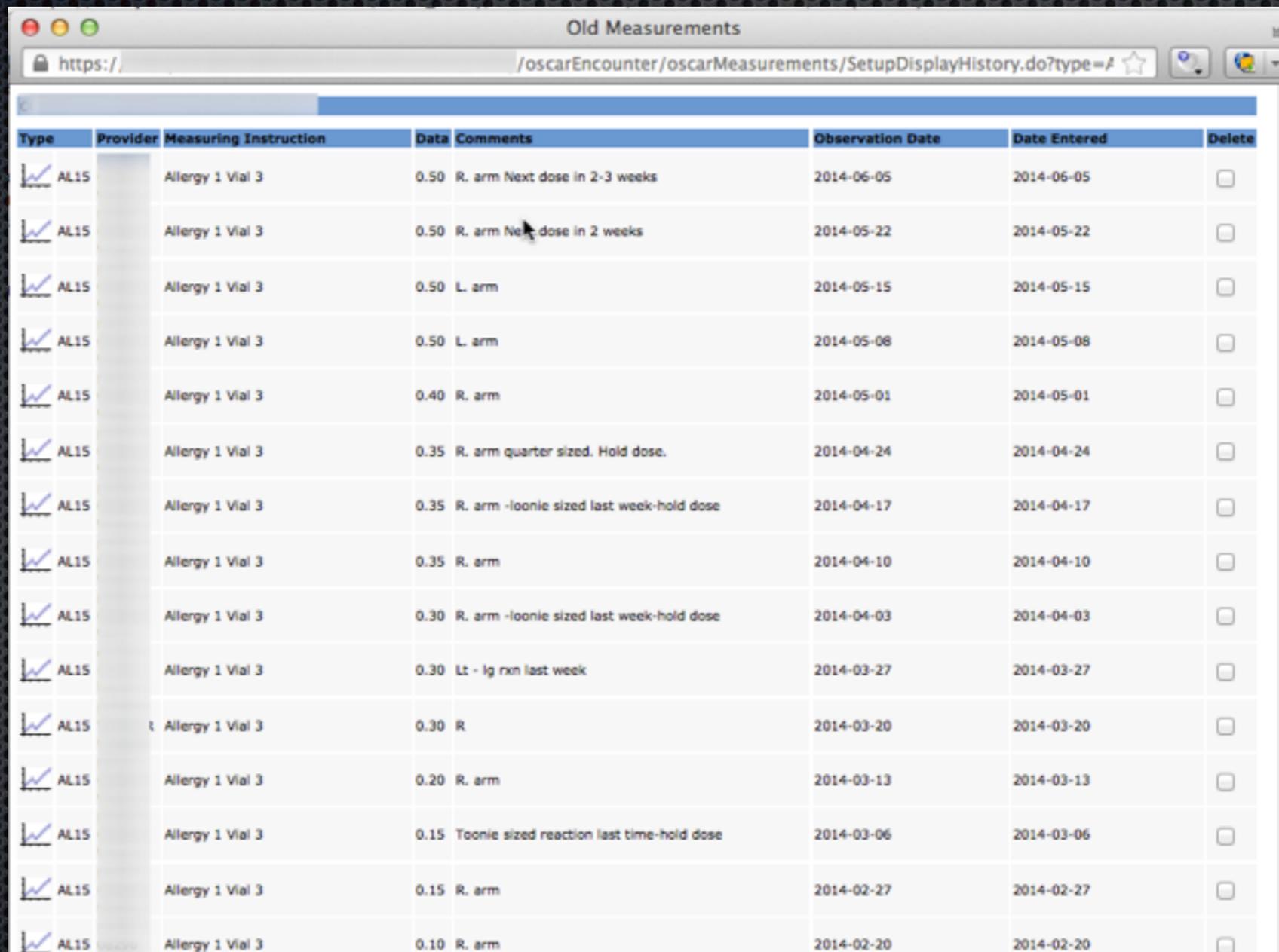


Type	Type Description	
AL15	Allergy 1 Vial 5	more...
ALT	ALT	more...
BP	Blood Pressure	more...
CRP	CRP	more...
CYTO	CYTO	more...
EGFR	EGFR	more...
GBS	GBS	more...
Kpl	Potassium	more...
LMP	LMP	more...
Nacl	Sodium	more...

Click on more...

Allergy Measurement

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Type	Provider	Measuring Instruction	Data	Comments	Observation Date	Date Entered	Delete
AL15		Allergy 1 Vial 3	0.50	R. arm Next dose in 2-3 weeks	2014-06-05	2014-06-05	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.50	R. arm Next dose in 2 weeks	2014-05-22	2014-05-22	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.50	L. arm	2014-05-15	2014-05-15	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.50	L. arm	2014-05-08	2014-05-08	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.40	R. arm	2014-05-01	2014-05-01	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.35	R. arm quarter sized. Hold dose.	2014-04-24	2014-04-24	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.35	R. arm -loonie sized last week-hold dose	2014-04-17	2014-04-17	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.35	R. arm	2014-04-10	2014-04-10	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.30	R. arm -loonie sized last week-hold dose	2014-04-03	2014-04-03	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.30	Lt - lg rxn last week	2014-03-27	2014-03-27	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.30	R.	2014-03-20	2014-03-20	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.20	R. arm	2014-03-13	2014-03-13	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.15	Toonie sized reaction last time-hold dose	2014-03-06	2014-03-06	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.15	R. arm	2014-02-27	2014-02-27	<input type="checkbox"/>
AL15		Allergy 1 Vial 3	0.10	R. arm	2014-02-20	2014-02-20	<input type="checkbox"/>

Scroll to bottom of list

Allergy Measurement

Allergy shot information can be printed for allergist

The screenshot shows a web browser window with the title "Old Measurements". The address bar contains the URL: `https://oscarEncounter/oscarMeasurements/SetupDisplayHistory.do?type=AL15`. The main content area displays a table with the following data:

Measurement ID	Description	Dose	Site	Start Date	End Date	Action
AL15	Allergy 1 Vial 1	0.6	R. arm	2013-11-12	2013-11-12	<input type="checkbox"/>
AL15	Allergy 1 Vial 1	0.5	R. arm	2013-11-04	2013-11-04	<input type="checkbox"/>
AL15	Allergy 1 Vial 1	0.4	R. arm	2013-10-31	2013-10-31	<input type="checkbox"/>
AL15	Allergy 1 Vial 1	0.3	R. arm	2013-10-28	2013-10-28	<input type="checkbox"/>
AL15	Allergy 1 Vial 1	0.2	L. arm	2013-10-24	2013-10-24	<input type="checkbox"/>
AL15	Allergy 1 Vial 1	0.10	R. arm	2013-10-21	2013-10-21	<input type="checkbox"/>
AL15	Allergy 1 Vial 1	0.05	L. arm	2013-10-17	2013-10-17	<input type="checkbox"/>

At the bottom of the window, there is a navigation bar with the following buttons: "List Old Measurements Index", "Print", "Close", "Delete", and "Graph". The "Print" button is circled in red, and a red arrow points to it from the text below.

Click on Print

Send printout as document to attach to consult