

OSCARCON '23

OPTIMIZING YOUR OSCAR EMR EXPERIENCE

How to tame your measurement dragon!

Date: June 17, 2023, 1:00-1:30

Dr. John CP Yap

ING OSCAR EMR USE





Are you constantly in fear of the measurement dragon about to pounce?

Fear not – by the end of this session, you will have this beast under control!

Disclosures and Conflicts:

Speaker: Dr. John Yap – GP in New Westminster ... for many years!

OSCAR: WELL, Oscar PRO, set to “classic view”, using on-site servers (x2, with off-site back-up), viewed on FireFox ESR (latest version), heavily “amped” with GreaseMonkey scripts. Dues-paying member of OSCAR BC.

OSCAR BC: current volunteer president. Previous volunteer executive with OCUS.

Teaching: med students (UBC), family practice residents, fellow OSCAR users through Divisions (paid and volunteer), PSP (paid), and OSCAR BC (volunteer).

Disclaimer:

The “treatise” on Measurements was created in 2014 by Dr. Herbert Chang and is found here:

<http://oscarcanada.org/about-oscar/presentations/measurements-in-oscar/view>

Everything you wanted to know about measurements, but were afraid to ask – can probably be found here!

We are doing a much simplified version of that workshop!



Purpose of this workshop:

1. Understand the purpose of measurements.
2. Create a new measurement.
3. Edit an existing measurement.
4. Clean up multiple measurements (e.g. BP)
5. Create a new measurement group.
6. Organize the measurement group (sorting).
7. Use measurements, including comments.

Not covered in this workshop:

- Deleting measurement groups
- Incorporating measurements in eFORMS
- Linking measurements to labs (mapping)
- Adding legacy data to existing measurements
- Pan-practice analysis of specific measurements

For best results:

- Log in to your server.
- Navigate to your administration module/System Management
- Locate Customize Measurement

Why measure?

EMR's offer us the opportunity of painstakingly recording clinical data, the retrieving data with lightning speed! If done correctly.

GIGO is real!

I already chart everything in the Progress Notes.

I only have two measurements – LMP and UA! There's no where to add a BP unless I add hypertension to the disease registry!

Just note.....

Measurements allow you to track key indicators of health, across time, within an individual patient, or across your entire panel – if done correctly! Graphical analyses are easily done via measurements.

If a task is hard to do, you probably won't do it.

If it's easy, fun, profitable (all 3??) then you're more likely to do it!

Let's tame the measurement dragon!

Definitions:

Measurement (per Google): the record of the process of associating numbers with physical quantities and phenomena.

Measurement (per OSCAR): discrete clinical data that is associated with a patient at a specific observed time/date.

Measurement TYPE: unique **ID** (4, or more characters) that data will ALWAYS be attached. Once created, there is a permanent library of data associated with this TYPE. **Caution:** no spaces, numbers OK. Do not delete the entire series of TYPES.

Measurement DESCRIPTION: text, to add succinct, relevant label to the data. Appears in the measurement group, under the column TYPE. **Caution:** this is NOT the same as TYPE above.

Measurement DISPLAY NAME: additional text information, shown on graphs, as the Y-axis. The X-axis is time.

Measurement INSTRUCTION: specific details related to the data, usually units, or selection options (Yes/No/X). **Caution:** anything here is PASTED INTO THE CHART.

Measurement VALIDATION: specifies the format the measurement MUST be in to be submitted/saved. **Caution:** only numerical values can be graphed. Actual lab data can be PUSHED into measurements and saved without conforming to the validation rules. This can break the graphing functions (eGFR, PSA, e.g.).

List of all measurements:

Measurements		Display Measurement Types				
Type	Display Name	Type Description	Measuring Instruction	Validation	Delete	
NOEB	# Of Exacerbations	The number of exacerbations due to COPD since last visit, as reported by the patient.		Numeric Value: 0 to 100	<input type="checkbox"/>	
FBPC	2 hr PC BG	2 hr PC BG	In mmol/L	Numeric Value: 0 to 50	<input type="checkbox"/>	
24UA	24 hour urine albumin	24 hour urine albumin	mg/24h	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"/>	
3MS	3MS	3MS		Numeric Value: 0 to 100	<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"/>	
GCT	50g Glucose Challenge	1h 50g Glucose Challenge	mmol/L Range under 7.8	Numeric Value: 0 to 100	<input type="checkbox"/>	
ATLV	A1AT level	A1AT level		Numeric Value: 0 to 100	<input type="checkbox"/>	
A1AT	A1AT phenotype	A1AT phenotype		No Validations	<input type="checkbox"/>	
A1C	A1C	A1C		Numeric Value: 0 to 100	<input type="checkbox"/>	
AFP	AFP	Alpha Fetoprotein	ug/L Range under 7	Numeric Value: 0 to 300	<input type="checkbox"/>	
AIRCON	Air Conditioning Available	Air Conditioning Available		Yes/No	<input type="checkbox"/>	
ACR	Alb creat ratio	ACR		Numeric Value greater than or equal to 0	<input type="checkbox"/>	
ALB	Albumin	Albumin	In g per litre	Numeric Value: 0 to 300	<input type="checkbox"/>	
ALB	Albumin	Serum Albumin	g/L Range 35-50	Numeric Value: 0 to 300	<input type="checkbox"/>	

Original measurement Type (ID) were limited to 4 characters.

Recently, the character limit has been removed.

Example: AIRCON

Caution: don't try to rename all those old measurements!

This list is sorted alphabetically by Display Name.

Most systems sort by TYPE (ID).

Examples: the good, the bad, and the ugly....

Measurements						
Display Measurement Types						
Type	Display Name	Type Description	Measuring Instruction	Validation		Delete
ALL0	Vial 0	Allergy Vial 0	ml	Numeric Value: 0 to 1		<input type="checkbox"/>
ALL1	Vial 1	Allergy Vial 1	ml	Numeric Value: 0 to 1		<input type="checkbox"/>
ALL2	Vial 2	Allergy Vial 2	ml	Numeric Value: 0 to 1		<input type="checkbox"/>
ALL3	Vial 3	Allergy Vial 3	ml	Numeric Value: 0 to 1		<input type="checkbox"/>
ALL4	Vial 4	Allergy Vial 4	ml	Numeric Value: 0 to 1		<input type="checkbox"/>
ALL5	Vial 5	Allergy Vial 5	ml	Numeric Value: 0 to 1		<input type="checkbox"/>
<hr/>						
BP	Blood Pressure	BP	sitting or avg	Blood Pressure		<input type="checkbox"/>
<hr/>						
HIV	HIV	HIV	Yes/No	Yes/No		<input type="checkbox"/>
HIVA	HIV Ab	HIV Ab		No Validations		<input type="checkbox"/>
HIVG	HIV genotype	HIV genotype		No Validations		<input type="checkbox"/>
HIVR	HIV RNA	HIV RNA	HIV RNA	No Validations		<input type="checkbox"/>
O2SA	Oxygen Saturation	Oxygen Saturation		Numeric Value: 0 to 100		<input type="checkbox"/>
O2	Oxygen Saturation	Oxygen Saturation	percent	Numeric Value: 0 to 100		<input type="checkbox"/>

Create your own allergy shot diary.

How many BP measurements do you have? Or need?

HIV yes?! Yes – you have HIV?
Yes – you were tested for it?
Yes – you discussed it?

2 oxygen saturations in my system. The “O” is actually a zero!

How many measurements refer to smoking??? TOO MANY! I have 18!

Example: Allergy Measurement Group

Allergy TEST, ANDY O 53 years

[calculators](#)

Type	Measuring Instruction	Value	Observation Date (yyyy-mm-dd hh:mm)	Comments
Vial 0	ml		2023-05-22 21:12	
The last value:	ml	0.1	2014-08-28	Lt deltoid
Vial 1	ml		2023-05-22 21:12	
The last value:	ml	0.3	2018-02-21	RT DELT
Vial 2	ml		2023-05-22 21:12	
Vial 3	ml		2023-05-22 21:12	
Vial 4	ml		2023-05-22 21:12	
Vial 5	ml		2023-05-22 21:12	

Cancel Submit

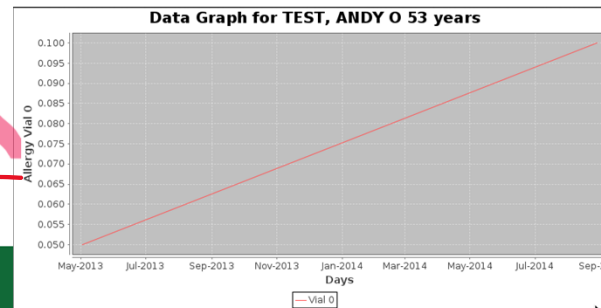
Display name

TEST, ANDY O 53 years

Type	Provider	Measuring Instruction	Data	Comments	Observation Date	Date Entered	
ALLO	John C.P. Yap	ml	0.1	Lt deltoid	2014-08-28	2014-08-28	<input type="checkbox"/>
ALLO	John C.P. Yap	ml	0.05	Rt deltoid	2013-05-03	2013-05-03	<input type="checkbox"/>

List Old Measurements Index Print Close Delete Graph

Description



Instructions

Comment

[28-Aug-2014 : Tel-Progress Notes]
asfafsdf
ALLO 0.1 ml Lt deltoid
S:
P:

Example: multiple options – and never right one!

BMI			2023-05-22 22:15	
The last value:		24.3	2023-04-11	
Oxygen Saturation	<input type="radio"/>		2023-05-22 22:15	
	<input checked="" type="radio"/> percent			
The last value:		23	2020-04-28	not as percent
FIT			2023-05-22 22:15	

Vital signs measurement group

BP – 3-4 options?

025A	Oxygen Saturation	Oxygen Saturation		Numeric Value: 0 to 100	<input type="checkbox"/>
02	Oxygen Saturation	Oxygen Saturation	percent	Numeric Value: 0 to 100	<input type="checkbox"/>

Reason: two distinct TYPE with the SAME "Description" (type description)

Making a measurement:

Hints:

1. You cannot create a measurement with the same existing TYPE name (ID). The extra BP measurements were “force fed” into Oscar.
2. Check to see if it exists already. Hopefully, the Display Name is something obvious! Ctrl-F, Cmd-F to search. PHQ9? GAD7? MMSE? FEV1? MRC?
3. Avoid creating redundant measurements (18 smoking indicators?)
4. Pay attention to validation rules.

Customizing Measurements:

The screenshot displays the OSCAR BC administration interface. On the left is a vertical navigation menu with the following items: Administration Panel, User Management, Billing, Labs/Inbox, Forms/eForms, Reports, eChart, Schedule Management, System Management (highlighted), Add A Role, Document Categories, Document Description Template, Document Settings, Assign Role/Rights to Object, Clinic/Agency Address, Customize Disease Registry Quick List, Consultation Settings, Customize Measurements, Prevention List Manager, and Help Link Setting. The main content area shows the 'Customize Measurements' page with a red box highlighting the 'Group' and 'Type' sections. The 'Group' section contains links for 'Add Measurement Group' and 'Edit Measurement Group'. The 'Type' section contains links for 'View All Measurement Types', 'Add Measurement Type', and 'Edit Measurement Type'. Below these are sections for 'Mappings -- View Mapping', 'Measuring Instruction', and 'Style Sheets', each with their respective management links. A black arrow points from the 'Customize Measurements' menu item in the left sidebar to the highlighted area in the main content.

Add Measurement Type:

Group

[Add Measurement Group](#)

[Edit Measurement Group](#)

Type

[View All Measurement Types](#)

[Add Measurement Type](#)

[Edit Measurement Type](#)

Mappings -- [View Mapping](#)

[Remove/Reman Measurement](#)

Add Measurement Type:

Measurements

Add Measurement Type

Type

Type Description

Display Name

Measuring Instruction

Validation

To configure the measurement to display multiple choice selections, enter "Choose radio x,y,z" under under Measurement Instructions:
For example:
- Choose radio blue,orange,yellow
- Choose radio yes,no
- Choose radio always,often,seldom,never
Note:
- "No validations" must be selected under validation

CAUTION: the order of inputs differs from the order displayed in the "Show All Measurement" page.

CAUTION: the Type (ID) must be unique, or you will get a warning that this measurement type already exists. If you are successful, you will get a confirmation message. Description and Display Name can be identical across multiple Type (ID)'s. This creates multiple options in your Measurement Groups.

Validation Error

• The entered type already exists

Measurements

Add Measurement Type

Measurements		Display Measurement Types			
Type	Display Name	Type Description	Measuring Instruction	Validation	Delete
NOEB	# Of Exacerbations	The number of exacerbations due to COPD since last visit, as reported by the patient.		Numeric Value: 0 to 100	<input type="checkbox"/>
FBPC	2 hr FC BG	2 hr FC BG	in mmol/L	Numeric Value: 0 to 50	<input type="checkbox"/>
24UA	24 hour urine albumin	24 hour urine albumin	mg/24h	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"/>
3MS	3MS	3MS		Numeric Value: 0 to 100	<input type="checkbox"/>
5DAA	5 Day Adherence If on ART	5 Day Adherence If on ART	number	Numeric Value: 0 to 100	<input type="checkbox"/>
GCT	50g Glucose Challenge	1h 50g Glucose Challenge	mmol/L Range under 7.8	Numeric Value: 0 to 100	<input type="checkbox"/>
ALTV	ALAT level	ALAT level		Numeric Value: 0 to 100	<input type="checkbox"/>
ALAT	ALAT phenotype	ALAT phenotype		No Validations	<input type="checkbox"/>
A1C	A1C	A1C		Numeric Value: 0 to 100	<input type="checkbox"/>

Add Measurement Type: part 2

Ooops - I don't like the Type name! Unfortunately, once created, it will be forever in the system. As long as no values have been added, it can be "removed", hidden from view. But any values added to that Type can no longer be seen, unless the measurement is recreated. That's why you can delete ALL the BP Types (ID) except for one, and all the BP's previously saved will remain in their respective charts. And if you delete them all, you'll have to get your OSP to recreate it for you – hopefully you remember the exact Type (ID) name!

Key message: get it right the first time!

Edit Measurement Type: In case you didn't get it right the first time.

Group

[Add Measurement Group](#)

[Edit Measurement Group](#)

Type

[View All Measurement Types](#)

[Add Measurement Type](#)

[Edit Measurement Type](#)

Mappings -- [View Mapping](#)

[Remove/Reman Measurement](#)

Edit Measurement Type:

In case you didn't get it right the first time.

Measurements | **Edit Measurement Type**

Type

Type Description

Display Name

Measuring Instruction

Validation

To configure the measurement to display multiple choice selections, enter "Choose radio x,y,z" under Measurement Instructions:
For example:
- Choose radio blue,orange,yellow
- Choose radio yes,no
- Choose radio always,often,seldom,never
Note:
- "No validations" must be selected under validation

Looks very similar to "Add Measurement"

Start by selecting the measurement you wish to edit.

Change the description or name as required. Clean up the instructions as needed.

Edit Measurement Type

Type

Type Description

Display Name

Measuring Instruction

Validation

To configure the measurement to display multiple choice selections, enter "Choose radio x,y,z" under Measurement Instructions:
For example:
- Choose radio blue,orange,yellow
- Choose radio yes,no
- Choose radio always,often,seldom,never
Note:
- "No validations" must be selected under validation

Pulse measurement!

It should not be as confusing as this, but it is, unfortunately!

Edit Measurement Type

Type

Type Description

Display Name

Measuring Instruction

Validation

To configure the measurement to display multiple choice selections, enter "Choose radio x,y,z" under Measurement Instructions:
For example:
- Choose radio blue,orange,yellow
- Choose radio yes,no
- Choose radio always,often,seldom,never
Note:
- "No validations" must be selected under validation

Deleting Measurement Type:

If you really don't want 4 BP measurement options!

Group

[Add Measurement Group](#)

[Edit Measurement Group](#)

Type

[View All Measurement Types](#)

[Add Measurement Type](#)

[Edit Measurement Type](#)

Mappings -- [View Mapping](#)

[Remove/Reman Measurement](#)

CAUTION: if you delete ALL the redundant Type (ID), e.g. all the BP measurements, you may not be able to recreate the BP. You will need to get OSP help.

Any measurement deleted will also disappear from any measurement group (see later) where they appear, even if you leave one behind! You will have to re-add that measurement type to the measurement group as needed.

Deleting Measurement Type:

02SA	Oxygen Saturation	Oxygen Saturation	as a percent	Numeric Value: 0 to 100	<input type="checkbox"/>
02	Oxygen Saturation	Oxygen Saturation	percent	Numeric Value: 0 to 100	<input type="checkbox"/>
	Packs of Cigarettes				<input type="checkbox"/>

Check boxes to select measurements to delete.

Choose carefully. Double and triple check!

The last value:		24.3	2023-04-11
Oxygen Saturation	<input type="radio"/> percent <input checked="" type="radio"/> as a percent		2023-05-23 21:45
FIT			2023-05-23 21:45
The last value:		Negative	2020-10-17

Vitals group:

– two options for Oxygen Saturation

Search for BP – identify the undesirables!

Check all but the desired BP!

Scroll to the bottom.

Are you sure? Really sure? Click Delete!

WHEZ	Wheezing	Records whether the patient is wheezing or not, record location in comments	Record location in comments	Yes/No	<input type="checkbox"/>
WKED	Work/Education	NULL	Review	Numeric Value: 0.5 to 10	<input type="checkbox"/>
WT	Weight	Weight	kg	Numeric Value: 0 to 300	<input type="checkbox"/>

Close Delete

Deleting Measurement Type:

CAUTION: Any measurement deleted will also be removed from any **measurement group** (see later) where they appear, even if you leave one behind! You will have to re-add that measurement type to the measurement group as needed.

So you will need to edit your Measurement Groups now.

Measurement Groups: what's in your list?

Measurement groups allow for grouping of related measurements into one area. This makes the task EASIER to do!

It makes sense to have all your vital sign indicators in one “box”, and same goes for Obstetrics, Serology, Lifestyle, etc.

It is possible to have the same measurement in multiple groups. Entered in one area, it will cross-pollinate all the groups.

Beware of adding too many items – sorting becomes difficult.

Edit Measurement Group:

Group

[Add Measurement Group](#)

[Edit Measurement Group](#)

Type

[View All Measurement Types](#)

[Add Measurement Type](#)

[Edit Measurement Type](#)

Mappings -- [View Mapping](#)

[Remove/Reman Measurement](#)

Edit Measurement Group:

Measurements Select Measurement Group

Please select a group to edit: Allergy

Close Modify Measurement Types Modify Measurement Style Modify Decision Support for Group Delete

Choose a “type” from the left side, and “add” to the right column – in this case, the Vitals measurement group.

CAUTION: the measurement label is the Display Name, and not the Type (ID) or even the description!

The last item added goes to the bottom of the list. If you delete something from the middle of the list, and add it back, it will be at the bottom!

Plan carefully – draw out your list in the order desired.

Measurements Edit Measurement Group

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

- 24 hour urine albumin
- 24-hr Urine cr clearance & albuminuria
- 3MS
- 5 Day Adherence if on ART
- A1AT phenotype
- A1C
- Asthma Action Plan
- Blood Type
- Asthma Cough Symptoms
- Asthma Coping Strategies

Add
Close

Vitals
Select types and press Delete button to delete types from the groupVitals

- Blood Pressure
- Heart Rate
- Temp
- RR
- HT
- WT
- Height in
- Weight in pounds
- Waist
- BMI

Delete

Deleting a measurement from this side places it back into the other column. There is no effect on other groups.

Add Measurement Group:

You don't have a measurement group?!!

Group

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

Type

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

Mappings -- [View Mapping](#)

[Remove/Reman Measurement](#)

What's your priority? Do you need an obstetrics group – LMP, EDC, Para, Gravida, etc.

Do you need serology group – to track Hepatitis parameters? Rheumatoid parameters?

How about a tumour marker group – PSA, CEA, CA-19, etc?

Add Measurement Group:

You don't have a measurement group?!!

Measurements | **Define New Measurement Group**

Please enter a new measurement group name

Please select the style sheet you would like to use in the new group

Close Continue

CAUTION: use simple terms, obvious abbreviations. Spelling counts. The NAME cannot be changed once you save! Avoid special characters. Spaces allowed.

Get it right the first time!

- ✓ Allergy
- ObGyn
- Serology
- Psychiatry
- Tumour Marker
- COPD
- CVD Labs
- Simple Vitals
- Lifestyle
- PrEP
- Vitals
- ICBC
- COVID

- Input Groups**
- Allergy
 - ObGyn
 - Serology
 - Psychiatry
 - Tumour Marker
 - COPD
 - CVD Labs
 - Simple Vitals
 - Lifestyle
 - PrEP
 - Vitals
 - ICBC
 - COVID

My measurement groups – probably over-ambitious!

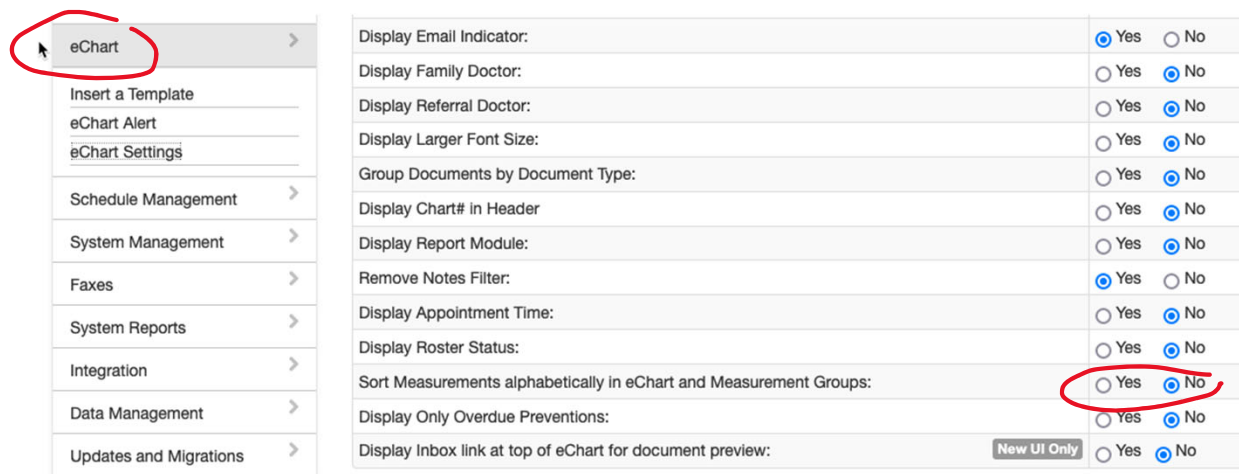
Add Measurement Group:

Add relevant measurements to your group.

Remember: last item added goes to the bottom. You can delete items in the middle of the list, but can only add to the bottom of the list. Plan carefully and you can group your measurements logically, unlike flow sheets.

Another option: sort alphabetically. N.B. May not be available on all options of Oscar.

Administration/eCHART/Sort Measurements alphabetically in eCHART and Measurement Groups:



The image shows a screenshot of the eChart settings interface. On the left is a navigation menu with 'eChart' highlighted. On the right is a table of settings with radio buttons for 'Yes' and 'No'. The 'Sort Measurements alphabetically in eChart and Measurement Groups' setting is circled in red, and its 'No' option is selected.

Display Email Indicator:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Display Family Doctor:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Display Referral Doctor:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Display Larger Font Size:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Group Documents by Document Type:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Display Chart# in Header	<input type="radio"/> Yes <input checked="" type="radio"/> No
Display Report Module:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Remove Notes Filter:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Display Appointment Time:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Display Roster Status:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Sort Measurements alphabetically in eChart and Measurement Groups:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Display Only Overdue Preventions:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Display Inbox link at top of eChart for document preview:	<input type="radio"/> Yes <input checked="" type="radio"/> No

Now what? Let's use the measurement at POC.

[23-May-2023 : BP check]

Pt seen in office with full PPE in place.

Pt here for BP review. Seems to be tolerating his new medication: Ramipril 5 mg.

OE:

See Andy Test document ... 02-May

Input Groups

- Allergy
- ObGyn
- Serology
- Psychiatry
- Tumour Marker
- COPD
- CVD Labs
- Simple Vitals
- Lifestyle
- PrEP
- Vitals
- ICBC
- COVID

... 22-May

.. 25-Jun

.. 22-May

.. 22-May

.. 01-Apr

.. 09-Jan

.. 16-Nov

1. Start SOAP note.
2. Patient has BP checked.

3. Hover over the + sign of measurements and find the right group and click. (Or use GreaseMonkey?)

Vitals				
TEST, ANDY O 53 years				
Type	Measuring Instruction	Value	Observation Date (yyyy-mm-dd hh:mm)	Comments
Blood Pressure	sitting or avg		2023-05-23 22:27	
The last value:	sitting or avg	123/87	2023-04-11	97-99-103; sitting 100/49/59 - standing 101/66/71
Heart Rate	bpm		2023-05-23 22:27	

Note the previous readings, labelled "last value".

Now what? Let's use the measurement at POC.

Observation Date (yyyy-mm-dd hh:mm)	Comments	
2023-05-23 22:27		
2023-04-11	97-99-103; sitting 100/49/59 - standing 101/66/71	
2023-05-23 22:27		
2023-02-07		

4. Review all past BP measurements by clicking the clock at the end of the line.

TEST, ANDY O 53 years

Type	Provider	Measuring Instruction	Data	Comments	Observation Date	Date Entered	<input type="checkbox"/>
BP	John C.P. Yap	sitting or avg	123/87	97-99-103; sitting 100/49/59 - standing 101/66/71	2023-04-11	2023-04-11	<input type="checkbox"/>
BP	John C.P. Yap	sitting or avg	130/80	reported 110-120-170	2023-02-07	2023-02-07	<input type="checkbox"/>
BP	John C.P. Yap	sitting or avg	123/78		2023-01-25	2023-01-25	<input type="checkbox"/>
BP	John C.P. Yap	sitting or avg	123/65	140-130-105	2022-10-19	2022-10-19	<input type="checkbox"/>

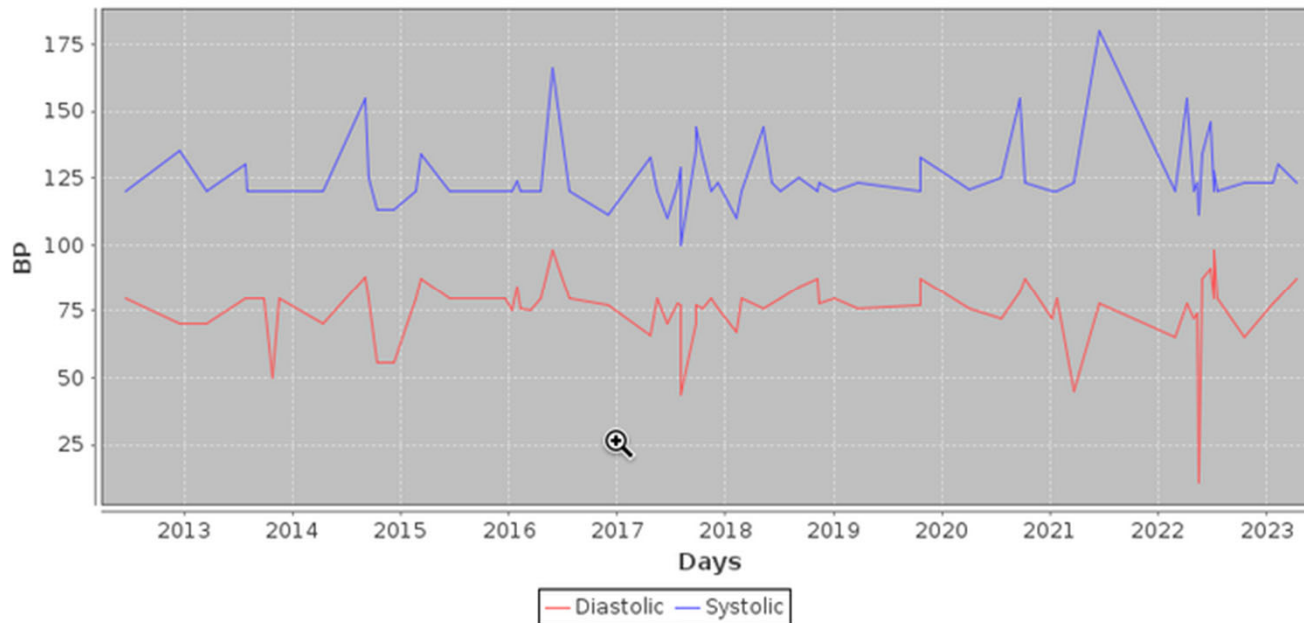
List view.

Scroll to the bottom for more features.

BP	John C.P. Yap	sitting position	135/70	Rt, sitting
BP	John C.P. Yap	sitting position	120/80	

Now what? Let's use the measurement at POC.

Data Graph for TEST, ANDY O 53 years



Note: only numerical data can be graphed.

Y-axis: type **DESCRIPTIO**

X-axis: time.

Now what? Let's use the measurement at POC.

Type	Measuring Instruction	Value	Observation Date (yyyy-mm-dd hh:mm)	Comments
Blood Pressure	sitting or avg	135/86	2023-05-23 22:27	145-135-125
The last value:	sitting or avg	123/87	2023-04-11	97-99-103; sitting 100/49/59 - standing 101/66/71
Heart Rate	bpm	72	2023-05-23 22:27	regular

5. Add BP measurement
6. Add pulse
7. Add relevant comments
8. Scroll to the bottom of group

Nothing has been added to the progress note.....yet....

The last value:

Alcohol Yes/No/X

The last value: Yes No X

[23-May-2023 : BP check]

Pt seen in office with full PPE in place.

Pt here for BP review. Seems to be tolerating his new medication: Ramipril 5 mg.

OE:

BP: 135/86 sitting or avg - 145-135-125

HR: 72 bpm - regular

9. Click submit

10. Let OSCAR finish that input!

11. If you don't like the position of the "paste", feel free to copy and paste elsewhere.

Deleting a measurement value?

If you ever make a mistake and inadvertently enter an incorrect measurement – e.g. height 1.60 m, and it is supposed to be 160 cm (makes for interesting BMI) – you can correct this.

TEST, ANDY O 53 years							
Type	Provider	Measuring Instruction	Data	Comments	Observation Date	Date Entered	<input type="checkbox"/>
HT	John C.P. Yap	in cm	170.2 5 ft 7 in		2023-04-11	2023-04-11	<input type="checkbox"/>
HT	John C.P. Yap	in cm	167.6 5 ft 6 in		2023-01-25	2023-01-25	<input type="checkbox"/>
HT	John C.P. Yap	in cm	170.2 5 ft 7 in		2022-10-19	2022-10-19	<input type="checkbox"/>
HT	John C.P. Yap	in cm	152.4		2022-10-19	2022-10-19	<input type="checkbox"/>
HT	John C.P. Yap	in cm	180 5 ft 11 in		2022-10-16	2022-10-16	<input type="checkbox"/>

Check the box for the incorrect value.

Scroll to the bottom of the group.

Click delete.

HT	John C.P. Yap	in cm	170	
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List Old Measurements Index Print Close Delete Graph

Note: You should only do one item at a time. Whatever was pasted into the note will NOT be deleted. You may need to reference the change in the progress note.

You can recreate the measurement if needed. Just ensure you choose the correct observation date.

Any questions?



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