

CHIPwit Dual Units Guide: How to use the CHIPwit dual units feature

1. The “dual units” feature provides the ability to specify units for printing independently from those specified for data entry. Reports may be printed with the same units used for data entry and then with other units by selecting different units in the “Print units in” field on the ‘Session’ worksheet.

The “Enter labs in” field automatically suggests units based on the “Country” selection. Suggested units can be overridden by making a manual selection. (once a manual entry has been made the automatic suggestion no longer functions)

The “Print units in” field automatically suggests the same units the “Enter labs in” field contains. The suggested units can be overridden by making a manual selection. (once a manual entry has been made the automatic suggestion no longer functions)

To enter labs in US units (mg/dL), select “USA” in the “Country” field or select “mg/dL” in the “Enter labs in” field.

The screenshot shows the 'Session Information' worksheet in a spreadsheet application. The formula bar at the top displays the formula: `=IF(SC$13="USA","mg/dL","mmol/L")`. The worksheet contains various input fields for session details, including 'Chapter Information', 'Session ID', 'Start date', 'End date', 'Specimens by', 'Med Director', 'Venue held in', 'Fee, individual', 'Fee, partner', and 'Fee, alumni'. A 'City Short-cut Table' is visible on the right side. A tooltip is displayed over the 'Enter labs in' field, which is currently set to 'mg/dL'. The tooltip text reads: 'FIRST enter correct Country selection then select correct units'. Another tooltip is visible over the 'Print labs in' field, which is also set to 'mg/dL', with the text: 'Select the units to print lab values in'.

To enter labs in SI units (mmol/L), select a non-US country in the “Country” field or select “mmol/L” in the “Enter labs in” field. (Changing this field does **not** alter or transform the values entered but only causes the values to be interpreted in the units selected.)

2. To print labs in SI units, enter “mmol/L” in the “Print labs in” field before printing the reports.

This screenshot is a close-up of the 'Session Information' worksheet, focusing on the 'Enter labs in' and 'Print labs in' fields. The 'Enter labs in' field is set to 'mg/dL'. The 'Print labs in' field is set to 'mmol/L'. A tooltip is displayed over the 'Print labs in' field, with the text: 'Select units for printed lab values -- IF different units are selected for printing than for entering lab values, the values printed will be converted to the units selected here'. Another tooltip is visible over the 'Enter labs in' field, with the text: 'Select the units to print lab values in'.

Then print the reports as usual. Notice that the units will be in mmol/L as selected, regardless of the units that were entered. (mmol/L or mg/dL)

	BC	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AA
3	Unhide Links		Keep	Register	Screen #1	Labs #1	Evaluation #1	Page #1.2	Missing																			
4	Top		(guide pointer over cells to view help notes)		Screen #2	Labs #2	Evaluation #2	Page #2.2	Bottom																			
310	Biometric measures:										Recommendations to improve your health based on tests and personal health history above:										Recommended Programs:							
311	Main goals for program:										<input checked="" type="checkbox"/> Weight Management <input checked="" type="checkbox"/> Stress Management <input checked="" type="checkbox"/> Stop Smoking <input checked="" type="checkbox"/> Low Cholesterol meals <input checked="" type="checkbox"/> Low Salt cooking <input checked="" type="checkbox"/> Exercise/Walking Program										<input checked="" type="checkbox"/> Meds 3 <input checked="" type="checkbox"/> Depr 1 <input checked="" type="checkbox"/> Gerd 0 <input checked="" type="checkbox"/> Chal 1 <input checked="" type="checkbox"/> BP 0 <input checked="" type="checkbox"/> Insul 0 <input checked="" type="checkbox"/> oraDM 0 <input checked="" type="checkbox"/> Angina 0							
312	1) Lose weight										<input checked="" type="checkbox"/> Keep daily water intake to 8-10 glasses <input checked="" type="checkbox"/> Lose 33 pounds (8-10 lbs/month) <input checked="" type="checkbox"/> Reduce or eliminate salt intake <input checked="" type="checkbox"/> Avoid cholesterol intake (eggs, meat, sausage, fowl, fish, liver, cheese, etc.) <input checked="" type="checkbox"/> Reduce all dietary fat (oils, grease, etc.) <input checked="" type="checkbox"/> Reduce refined sugar intake (sweets) <input checked="" type="checkbox"/> Increase aerobic walking exercise <input checked="" type="checkbox"/> Substitute fruits, veggies and potatoes for processed and refined foods <input checked="" type="checkbox"/> Increase whole grain products (bread, not cereals, brown rice, etc.) <input checked="" type="checkbox"/> Stop smoking <input checked="" type="checkbox"/> Eliminate caffeine intake <input checked="" type="checkbox"/> Increase rest and relaxation <input checked="" type="checkbox"/> Make breakfast biggest meal										<input checked="" type="checkbox"/> Blood sugar <input checked="" type="checkbox"/> Total cholesterol <input checked="" type="checkbox"/> LDL (bad) chol <input checked="" type="checkbox"/> Triglyceride							
313	2) Get off meds																											
314	Height (inch): 65.6										Wgt: 168 lbs																	
315	Frame size: Medium										Wrist: 6.5 inch																	
316	Ideal weight: 135 lbs										128-142																	
317	BP: 139/93										mmHg																	
318	Pulse: 69 per min										EVD score: 15																	
319	BMI: 27.5										kg/m ²																	
320	RESULTS of blood test:																											
321	6.23										Glucose, fasting mmol/L										10x risk							
322	4.38										Total cholesterol mmol/L																	
323	3.21										LDL cholesterol mmol/L																	
324	0.78										HDL cholesterol mmol/L																	
325	1.93										Triglycerides mmol/L																	
326	5.6										Cholesterol ratio (Tot/HDL)																	
327																												
328																												
329																												

	BC	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AA																				
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334	Top		(guide pointer over cells to view help notes)		Screen #2	Labs #2	Evaluation #2	Page #2.2	Bottom																																							
335	Biometric measure										Beginning										Ending										Change						% Change						Target goals					
336											28/01/2011										25/02/2011										in 28 days																	
337	Weight (lbs.)										182										168										-14						-8%						128-142					
338	Body mass index										29.8										0%										-2.3						-8%						20-25					
339	Systolic blood press										146										100%										-7						-5%						100-120					
340	Diastolic blood press										94										100%										-3						-3%						70-80					
341	Resting pulse										71										0%										-2						-3%						45-60					
342	Blood sugar (mmol/L)										5.89										100%										0.34						6%						3.89-5.56					
343	Total cholesterol										4.66 M										100%										-0.28						-6%						2.6-4.14					
344	Bad LDL-cholesterol										3.28 M										100%										-0.07						-2%						1.3-2.33					
345	Good HDL-cholesterol*										0.88										0%										-0.1						-11%						1.3-1.95					
346	Triglycerides										2.5										100%										-0.57						-23%						0.34-1.7					
347	Total Chol:HDL ratio										5.3 M										100%										0.3						6%						2-3					
348																																																
349																																																
350																																																
351																																																
352																																																

3. To print labs in US units, enter "mg/dL" in the "Print labs in" field.

20	Start date:		HS Appts:	Select units for printed lab values -- IF different units are selected for printing than for entering lab values, the values printed will be converted to the units selected here	# weeks:	4	1	Registration
21	Screen 1 date:				essions:		2	Height, weight & wrist
22	Screen 2 date:	01/25/00			rkshops:		3	BP & pulse
23	Specimens by:	venipuncture			ng tours:		4	Blood draw
24	Med Director:						5	Med review
25	Venue held in:						6	Data Entry
26	Fee, individual:							akfast
27	Fee, partner:		Payto:		Print labs in:	mg/dL		akfast
28	Fee, alumni:							akfast

Then print the reports as usual. Notice that the print units will be in mmol/L as selected, regardless of the units that were entered. (mmol/L or mg/dL)

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311	Main goals for program:										<input checked="" type="checkbox"/> Weight Management <input checked="" type="checkbox"/> Stress Management <input type="checkbox"/> Stop Smoking <input type="checkbox"/> Low Cholesterol meals <input type="checkbox"/> Low Salt cooking <input checked="" type="checkbox"/> Exercise/Walking Program <input type="checkbox"/> Insul <input type="checkbox"/> braDM <input type="checkbox"/> Angina										<input type="checkbox"/> Meds 3 <input type="checkbox"/> Depr 1 <input type="checkbox"/> Gerd 0 <input type="checkbox"/> Chol 1 <input type="checkbox"/> BP 0 <input type="checkbox"/> Insul 0 <input type="checkbox"/> braDM 0 <input type="checkbox"/> Angina 0								
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313	2) Get off meds																												
314	Height (inch):	65.6	Wgt:	168	lbs																								
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316	Ideal weight:	135	lbs	128-142																									
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319	BMI:	27.5	kg/m ²																										
320	CVD score:	15	10x risk																										
321	RESULTS of blood test:																												
322	Glucose, fasting mg/dL	112																											
323	Total cholesterol mg/dL	169																											
324	LDL cholesterol mg/dL	105																											
325	HDL cholesterol mg/dL	30																											
326	Triglycerides mg/dL	171																											
327	Cholesterol ratio (Tot/HDL)	5.6																											
328	Personal comments about reaching your goals:																												
329	1) Lose weight Plant foods as grown, big breakfast, light supper 1) Get off meds - Avoid refined foods, eat plant foods, exercise																												

	BC	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AA	
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340	Diastolic blood press		94	100%			91																						
341																													
342	Resting pulse		71	0%			69																						
343	Blood sugar (mg/dL)		106	100%			112																						
344	Total cholesterol		180 M	100%			169 M																						
345	Bad LDL-cholesterol		102 M	100%			105 M																						
346	Good HDL-cholesterol*		34	0%			30																						
347	Triglycerides		221	100%			171																						
348	Total Chol HDL ratio		5.3 M	100%			5.6 M																						
349																													
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351																													
352	Note: * denotes measures with inverse risk--higher values have lower risk																												

Unlike changing the “Enter labs in” selection, changing the “Print labs in” selection **transforms the values** for printing. This allows the user to print the reports in different units than the units entered. In fact, **two sets of reports with different units can be printed** simply by changing the “Print labs in” selection between printings.

Generally, only page 2 of the evaluation form containing the lab values need be printed in US units for those using SI units. This page can be selected for printing using the “Page#1-2” and “Page#2-2” links at the top of the participant’s sheets. (1,2,3 etc.)