WELFORD CHART NOTES NEWSLETTER

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NEW LAB @FUNCTIONS

Version 6.5 introduces some new Lab Book @functions. Let's see these in action:

@LabSince_Category: *(User's Manual, pgs. 1319-1320)*

- **@LabSince<date>** (e.g. @LabSince01012014) is replaced with all of the tests that a patient has had since a particular date.
- **@LabSince<interval>** (e.g. @LabSince3Months) is replaced with all of the tests that a patient has had during the last interval of time.
- **@LabSinceLastVisit** is replaced with all of the tests that a patient has had since the last visit.

You can modify each of these @functions to have the results organized by Lab Book Category by appending the _Category flag to the end of the @function. (e.g. @LabSince3Months_Category). (See *Users' Manual*, pg. 808, for a discussion of Lab Book Categories).

For example, suppose the patient has had the following tests in the past 3 months, which @LabSince3Months is replaced with:

```
07-15-2014 SED RATE 41 mm/hr
05-08-2014 GLUCOSE 105 mg/dl
05-08-2014 LDL CHOLESTEROL 84 mg/dL
05-08-2014 HDL 40 mg/dl
05-08-2014 TRIGLYCERIDES 142 mg/dl
05-08-2014 CHOLESTEROL 152 mg/dl
```

@LabSince3Months_Category would be replaced with:

```
ENDOCRINE:
05-08-2014 GLUCOSE 105 mg/dl

LIPIDS:
05-08-2014 CHOLESTEROL 152 mg/dl
05-08-2014 HDL 40 mg/dl
05-08-2014 LDL CHOLESTEROL 84 mg/dL
05-08-2014 TRIGLYCERIDES 142 mg/dl

MISCELLANEOUS HEMATOLOGY:
07-15-2014 SED RATE 41 mm/hr
```

Note that you can combine this flag with any of the other flags that can be appended to one of these @functions (e.g. _ALPHA, _COMMENT, _SKIPLIST etc.). For a complete list of all of the available flags, simply search in the help for the @function. (Help\Search, **Index** tab, **Type in the keyword to find:** box).

@LastCategory<CategoryName>: *(User's Manual, pg. 1320)*

This is replaced with the last time the patient had each test that is a member of the Lab Book Category named in <CategoryName>. If the name of the Category contains any spaces, replace these with underscores (_). (For example, if a Category is named "CT SCANS", then use "@LastCategoryCT_Scans".)

You can use various Flags to modify the operation of the @function, just like you can with @Last<Lab Test>. For example, _NOSKIP causes the program to not skip a line between the name of the test and the result of the test if the test is Nonnumeric.

So if you type "@LastCategoryCT_Scans_NoSkip", the output might look something like this:

```
CT BRAIN: 1-22-2011 mild atrophy and white matter changes
CT CHEST: 5-23-2012 right upper lobe nodule
CT ABDOMEN: 6-25-2013 hepatomegaly, splenomegaly, ascites
CT PELVIS: 6-25-2013  normal
```
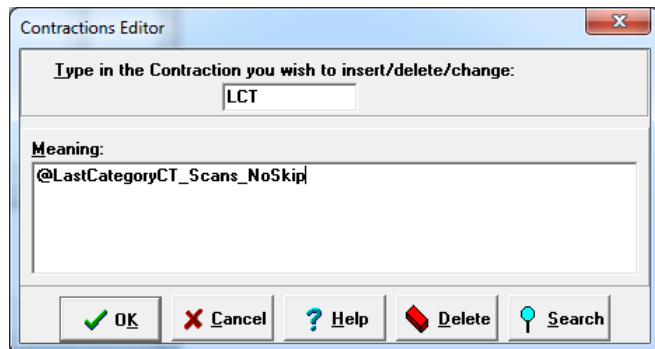
In other words, the program looks up each Test in the Lab Book Vocabulary belonging to the Category named "CT SCANS" and reports the most recent instance of each type of CT scan that the patient has recorded in the Lab Book.

This is similar to the operation of the @Last<Lab Test> @function (*User's Manual, pg. 556)*, which looks up the most recent instance of a specific test in the Lab Book. For example, @LastCT_Brain is replaced with the most recent CT of the brain result stored in the Lab Book.

Remember that you can embed these @functions within your Templates in order to automatically have this information brought into your notes by simply using the Templates.

Also remember that you can create Contractions to stand for names of @functions that you use frequently. You can then simply type the Contraction to bring the contents of the @function into your note. Let's see how to do this:

1. Press Libraries\Contractions\Edit.
2. For **Type in the Contraction you wish to insert/delete/change:** make up and enter the name of the Contraction you wish to use. In this example, enter "LCT" (i.e. last CT scans).
3. For **Meaning**, type in the name of the @function. In this example, enter "@LastCategoryCT_Scans_NoSkip".
4. Press **OK**.
5. In your note, you can now simply type "LCT", and it is automatically replaced with this @function, which then is automatically replaced with the data which represent the meaning of the @function.

NEWS ON VERSION 6.6

We have been busy adding new features to version 6.6, including Detailed Family History. If there are particular features you would like to see in version 6.6, please contact us.

SEND US YOUR TIPS

If you have tips, shortcuts, questions, or suggestions for future newsletter topics, please send them to us at:

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