

## ExportXLS v2.0 Supplementary Information

Please refer to the “Installation Guide” of this kit first. Then follow the additional steps below to specify the columns, if any, that you don’t need in the resulting output table:

- 1) Go to the folder where you have installed ExportXLS (e.g. /var/www/html/webclient/js-i2b2/cells/plugins/standard/ExportXLS).
- 2) Make a backup copy of ExportXLS\_ctrlr.js (e.g. ExportXLS\_ctrlr.js.sav).
- 3) Open ExportXLS\_ctrlr.js with a text editor.
- 4) Go to lines 22-30:

```
///swc20120210
/*****
 * change the content of the returning String to specify certain columns to be dropped from the resulting table
 *****/
i2b2.ExportXLS.dropColumns = function() {
  //return "Vital Status, Birth Date, Birth Year, Sex, Age, Language, Race, Religion, Marital Status, Zip Code, State\City";
  //return "Birth Year"; // to drop just this column from the table
  return "Birth Date, Zip Code"; // to drop these 2 columns from the table
}
///
```

- 5) Currently, line 29 would cause the “Birth Date” & “Zip Code” columns to be excluded from the resulting output table (as required by the UMMS IRB Board):

```
    return "Birth Date, Zip Code"; // to drop these 2 columns from the table
```

If that’s what your institution also prefers, then you don’t need to change a thing. Just close the editor, skip the next few steps, and continue as usual. Otherwise, continue on with the next step.

- 6) If you prefer to have all the columns the the original EXportXLS provides, then do the following:
  - Comment out line 29.
  - Uncomment line 28:

```
    return "Birth Year"; // to drop just this column from the table
    //return "Birth Date, Zip Code"; // to drop these 2 columns from the table
```

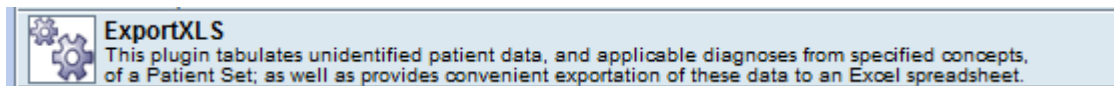
- Save & exit the editor.
- 7) Continue as usual.

## Newer Features in this Release

Based on feedbacks and input from other researchers, we have made the following updates, adjustments, enhancements, and fixes that may better serve everyone in the i2b2 community:

- 1) Updated patient\_list params to render this plugin compatible with i2b2 v1.3; and fixed a problem in the version for i2b2 v1.6 (it should now work on i2b2 v1.3-v1.6).
- 2) Added table title and caption to the resulting output table.
- 3) Added new 1<sup>st</sup> column for patient row counts (no column title).
- 4) Renamed the “StateCity” column title to “State/City”.
- 5) Removed any leading and trailing redundant “Zip codes” values from each state value string.

- 6) Defaulted to using "concept\_cd" for each selected concept entry if neither "tval\_char" nor "nval\_num" is available.
- 7) Improved efficiencies.
- 8) Facilitated the flexible dropping of any columns (that may contain data too sensitive or personal) from the resulting output table.
- 9) Fixed the Internet Explorer (IE) hang problem.
- 10) Fixed the missing "concept" columns on IE problem.
- 11) Fixed the blank "patient\_IDs" (when "Include Patient Date" not selected) on IE problem.
- 12) Fixed table content getting cutoff on IE problem.
- 13) Centered content in each table cell of the resulting output table.
- 14) Added unique time-stamp to name of exported XLS file.
- 15) Updated the description of this plugin displayed (in the available plugin list), to



- 16) Added more descriptions in the "Specify Data" and "Plugin Help" tab pages.
- 17) Updated plugin category from "text" to "standard".

The following screenshot summarizes some of the more visible changes:

Patient Information for Patient Set 'Stomach and duo820:34:45 [7-19-2011] [demo] [PATIENTSET_14]'														
PATIENT_ID	Vital Status	Birth Year	Sex	Age	Language	Race	Religion	Marital Status	State/City	Income	Circulatory system	Digestive system	Endocrine disorders	
1	10000000001	N	1985	F	21	english	black	roman catholic	married		ICD9:427.9	ICD9:530.81		
2	10000000002	N	1966	F	40	spanish	white	roman catholic	married			ICD9:535.5		
3	10000000005	N	1973	F	33	english	hispanic	roman catholic	single			ICD9:564.1		
4	10000000022	N	1966	M	40	spanish	white	muslim	widow			ICD9:536.8	ICD9:244.9	
5	10000000023	N	1976	M	30	english	hispanic	jewish	married		ICD9:401.9	ICD9:558.9	ICD9:257.2	
6	10000000036	N	1968	F	39	english	black	jewish	single			ICD9:533.90		
7	10000000045	N	2021	F	86	german	asian	roman catholic	married		ICD9:410.00	ICD9:553.3	ICD9:250.00	
8	10000000049	N	1966	M	40	spanish	black	jewish	divorced		ICD9:454.9	ICD9:530.81		
9	10000000055	N	1991	F	15	english	hispanic	christian	single			ICD9:530.81	ICD9:245.2	
10	10000000083	N	2044	F	62	german	black	agnostic	single		ICD9:401.9	ICD9:536.8	ICD9:250.00	
11	10000000093	N	1979	F	27	english	black	agnostic	divorced		ICD9:427.9	ICD9:535.50		
12	10000000099	N	1974	M	32	german	black	roman catholic	married		ICD9:401.9	ICD9:535.50		
13	10000000110	N	1972	M	35	german	hispanic	atheist	divorced		ICD9:423.9	ICD9:536.8		
14	10000000116	N	1996	M	10	spanish	black	muslim	single			ICD9:564.00		
15	10000000129	N	1971	M	35	german	hispanic	muslim	married			ICD9:536.8		