

Leading Edge Custom Queries and their Applications Across Ontario

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Presenter Disclosure

- **Presenters:** Hope Latam
- **Relationships with commercial interests:**
 - Not Applicable

Disclosure of Commercial Support

- No Commercial Support
- **Potential for conflict(s) of interest:**
 - None

Mitigating Potential Bias

- Not Applicable

Custom Forms

Entering data in PS:

- Free text
- Stamps
- Encounter Assistants
- **Custom Forms**



Structured
and organized
data input

User Hope Latam **Patient Encounter Tracker - EWFHT v5.3** [Reset Form](#)

Inter-Professional Health Provider (IHP) *

Chiropracist/Podiatrists Kines iologis t Outreach Worker Physi cian Ass istant RPN
 Dietitian NP Pharmacist SMHW Other IHP
 Health Promoter Occupational Therapist Psychologist RN

Type of Contact *

Email/Internet Home vis it Lab Office vis it OTN Telephone Other

Initial/Follow-up Encounter *

Initial Follow -up Not applicable

Clinic Specific Program /Service *

Primary Presenting Health Concern

Procedure(s)

Follow-up Plan *

Discharge Returning for follow -up Not applicable

Direct Patient Care Time

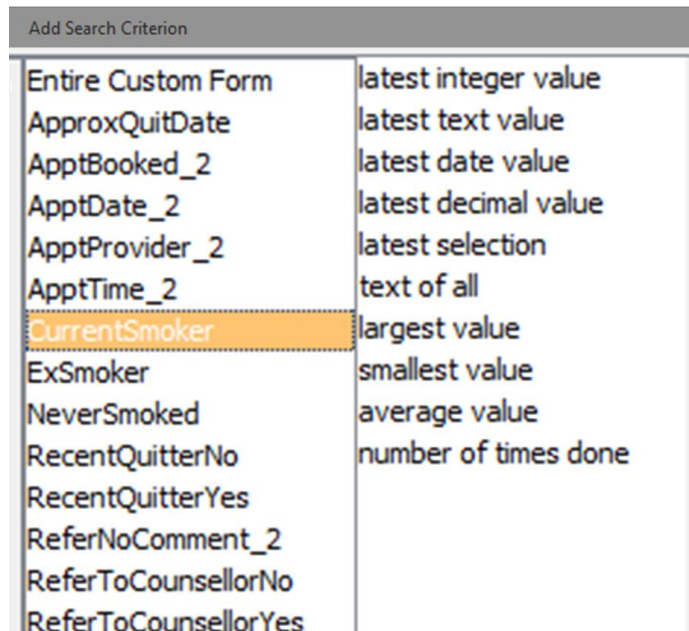
Encounter Time (min) * 0 5 10 15 20 30 45 60
+
Non-Encounter Time (min) * 0 5 10 15 20 30 45 60

Comments

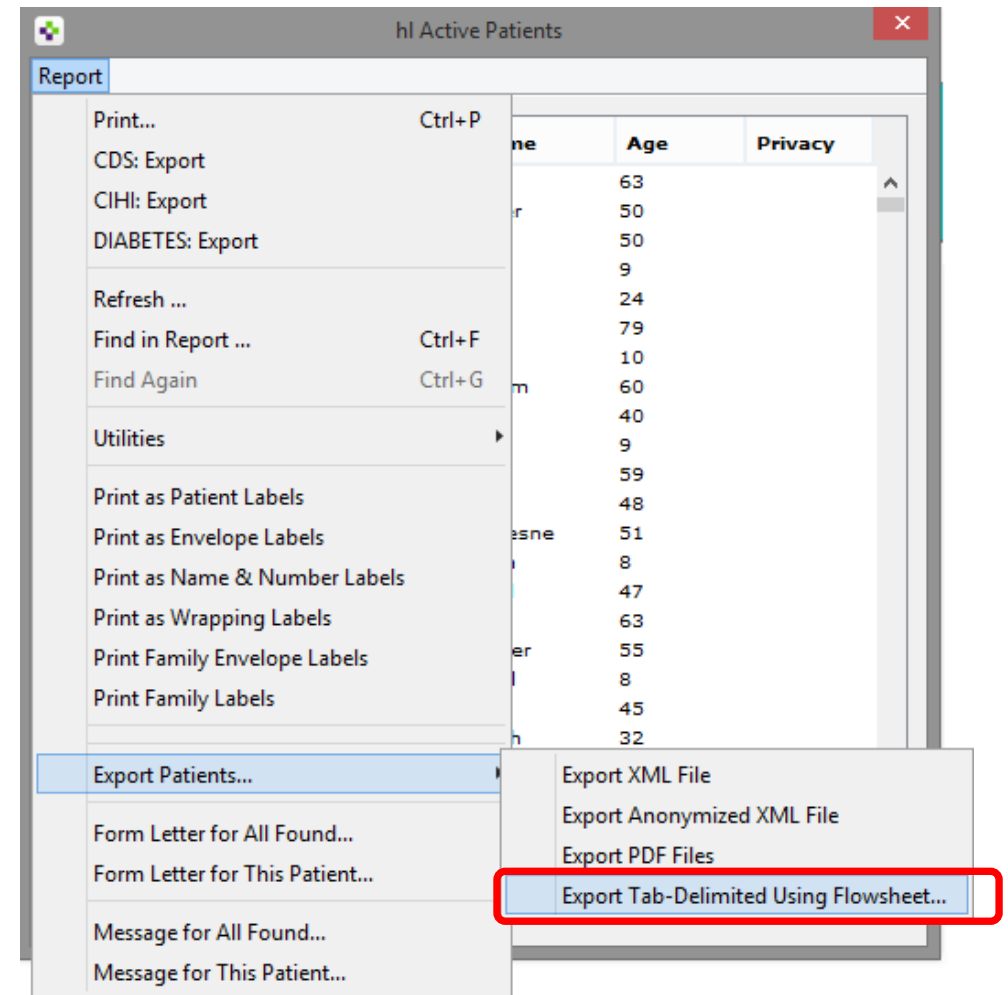
12:15PM ***Please click the button to validate the form before finishing:** [Validate Form](#)

Extracting Data from Custom Forms

Basic searches don't work...

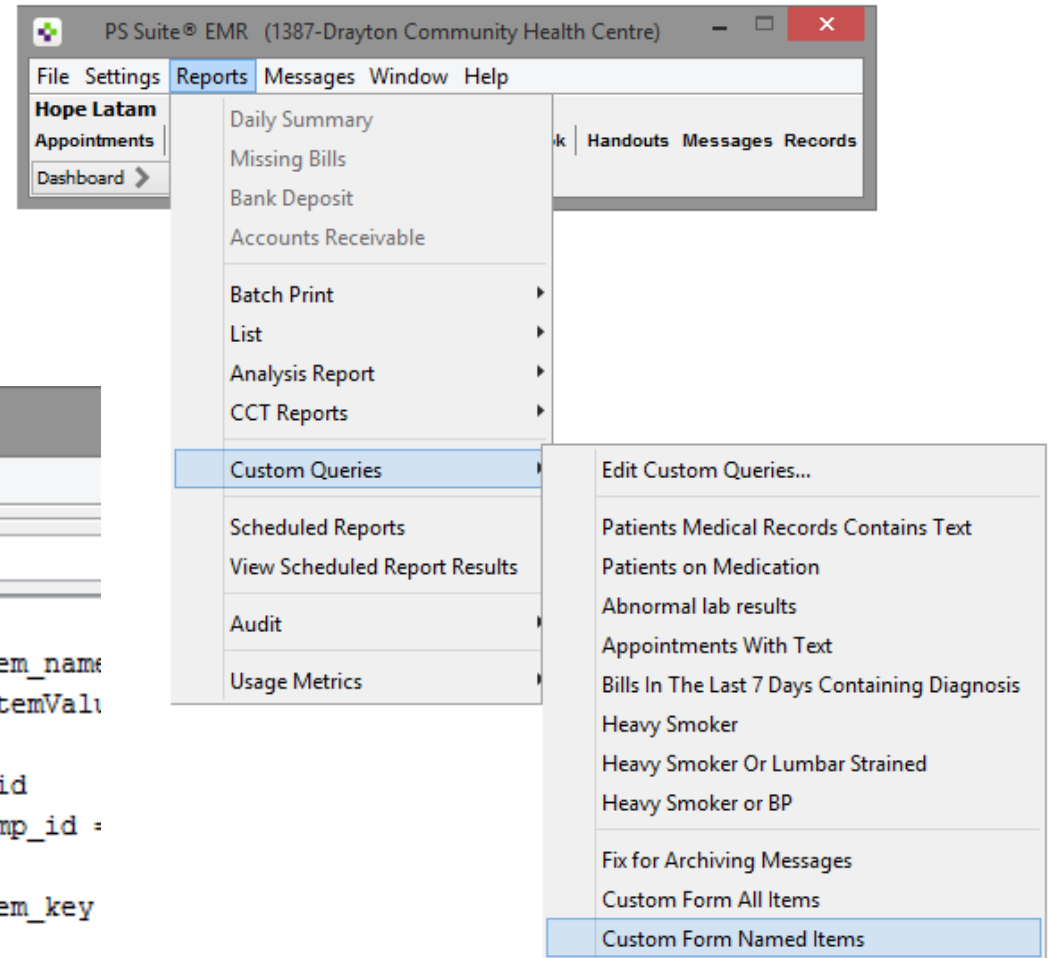


Tried exporting search results using flowsheets...



Custom Queries

Worked with TELUS and Cognisant MD to develop a set of custom queries



```

Edit Custom Queries

Custom Form Named Items

SELECT
iv.patient_piece_id, pp.patient_id, pp.patient_piece_date, si.item_name
iv.stamp_item_key, DBMS_LOB.substr(iv.stamp_item_value,256) AS ItemVal
FROM STRUCTURED_STAMP_ITEM_VALUE iv
JOIN PATIENT_PIECE pp ON pp.patient_piece_id = iv.patient_piece_id
JOIN STRUCTURED_STAMP_VERSION sv ON pp.structured_stamp_note_stamp_id =
sv.structured_stamp_version_id
JOIN STRUCTURED_STAMP_ITEM si ON si.stamp_item_key = iv.stamp_item_key
si.structured_stamp_version_id = sv.structured_stamp_version_id
JOIN STRUCTURED_STAMP ss ON sv.structured_stamp_master_id =
ss.structured_stamp_master_id
```

Deployment

Input

Please enter an advanced permission code:

OK Cancel

Edit Custom Queries

Custom Form Named Items

```
SELECT
iv.patient_piece_id, pp.patient_id, pp.patient_piece_date, si.item_name
iv.stamp_item_key, DBMS_LOB.substr(iv.stamp_item_value,256) AS ItemValue
FROM STRUCTURED_STAMP_ITEM_VALUE iv
JOIN PATIENT_PIECE pp ON pp.patient_piece_id = iv.patient_piece_id
JOIN STRUCTURED_STAMP_VERSION sv ON pp.structured_stamp_note_stamp_id =
sv.structured_stamp_version_id
JOIN STRUCTURED_STAMP_ITEM si ON si.stamp_item_key = iv.stamp_item_key
si.structured_stamp_version_id = sv.structured_stamp_version_id
JOIN STRUCTURED_STAMP ss ON sv.structured_stamp_master_id =
ss.structured_stamp_master_id
```



Custom Query Converter



Custom Query Converter - EWFHT v4.xlsm

Custom Query Converter EWFHT 4.0

Path and filename:

	A	B	C	D	E	F	G
1	PATIENT_PIECE_ID	PATIENT_ID	PATIENT_PIECE_DATE	Smoker	Ex Smoker	Referred	Quit Date
2	Form 1	123	1-Apr-15	TRUE	FALSE	TRUE	1-May-15
3	Form 2	345	20-Apr-15	FALSE	TRUE	FALSE	1-Jan-14
4							
5							
6							
7							

Example



Custom Query Converter - EWFHT v4.xlsm

Custom Query Converter EWFHT 4.0

Path and filename:

	A	B	C	D	E	F	G	H	I	J
1	PATIENT_PIECE_ID	PATIENT_ID	PATIENT_PIECE_DATE	CurrentSmoker	ExSmoker	NeverSmoked	WantQuitYes	WantQuitNo	WantQuitNA	ReferToCounsellorYes
2	1534419	20802	2-Mar-15	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
3	1534767	6815	2-Mar-15	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
4	1534946	26075	2-Mar-15	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
5	1535228	11417	2-Mar-15	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
6	1535859	1803	3-Mar-15	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
7	1535882	4857	3-Mar-15	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
8	1536030	17002	3-Mar-15	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
9	1536381	15173	3-Mar-15	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
10	1536382	28844	3-Mar-15	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
11	1536601	8385	3-Mar-15	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
12	1536645	27951	3-Mar-15	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
13	1536777	21605	3-Mar-15	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
14	1536787	20477	3-Mar-15	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE

Success Stories

Prior to the Custom Query, I would spend hours creating searches in the EMR. This was very time consuming and I was not always confident in the accuracy of these searches. With the Custom Query, I can enter the name of the custom form and exact date range I want to search. **Within seconds I have all of the data fields extracted and ready to be analyzed.** The Custom Query Converter is like the cherry on top! It takes out all the manual work of sorting the columns, which allows for the data to be analyzed even faster. **All of our custom form searching needs can be accomplished using this handy tool.** I am very grateful to be able to have the Custom Query in our EMR and be able to provide my team with true, relevant data.

-Desiree Leslie, New Vision FHT

Success Stories

Thank you EWFHT for developing the custom queries and the excel converter! We have just recently completed our quarter 4 IHP stats and used these new tools quite extensively. **Previously, it would take the better part of a week to tabulate quarterly IHP stats but with the help of these queries and some custom form development we have managed to reduce the time to just a few hours. AMAZING!**

-Joe Szeplaki, Garden City FHT

