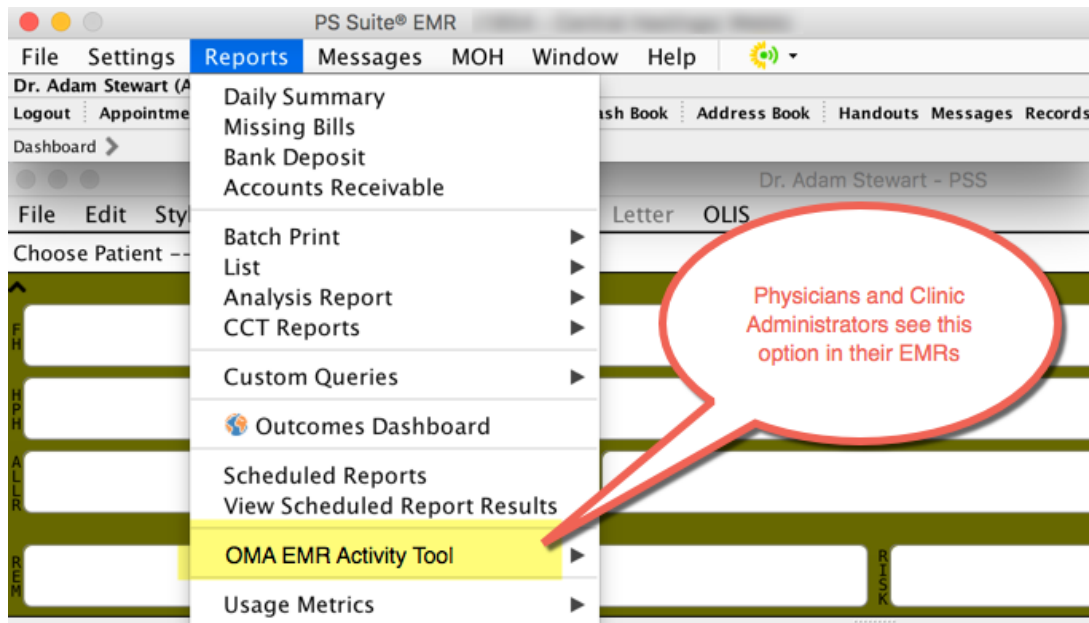


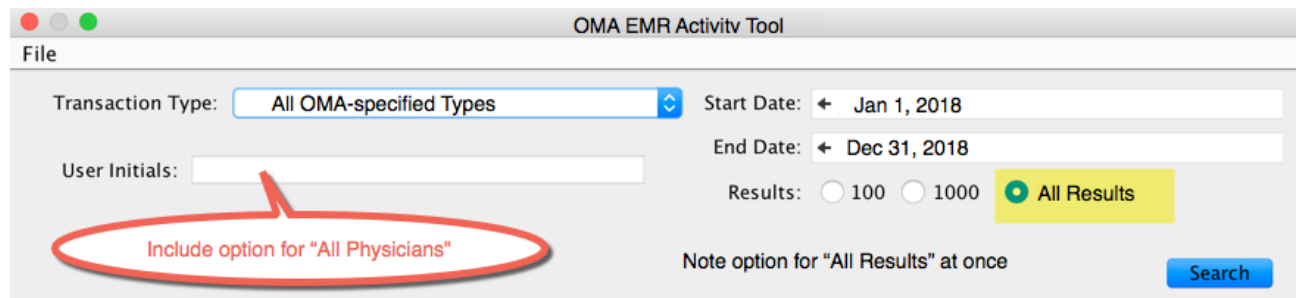
## Proposal for a TELUS EMR Data Extraction Tool *EMR Activity for Relativity and Negotiations*

Further to my “Proposal for EMR Data Extraction”, the following provides a visual concept of how a Data Extraction Tool would look and operate within TELUS EMR.

- Physicians or Clinic Administrators could voluntarily access the tool easily within the EMR:



- Search parameters could be specified:



- A report is generated:

RESULTS				
Transaction ID	Patient Number	Transaction Date	User Initials	Piece Type
13698019	7769	Jan 1, 2018 09:59	AD (Adam Stewart, Doctor)	Patient Viewings
13698020	7769	Jan 1, 2018 10:00	AD (Adam Stewart, Doctor)	200 (Progress Note)
13698021	7769	Jan 1, 2018 10:01	AD (Adam Stewart, Doctor)	Demographics
13698025	7769	Jan 1, 2018 10:02	AD (Adam Stewart, Doctor)	200 (Progress Note)
13698091	7769	Jan 1, 2018 11:49	AD (Adam Stewart, Doctor)	Patient Viewings
13698095	7769	Jan 1, 2018 11:52	AD (Adam Stewart, Doctor)	200 (Progress Note)
13698096	7769	Jan 1, 2018 11:52	AD (Adam Stewart, Doctor)	260 (Treatment)
13698097	7769	Jan 1, 2018 11:52	AD (Adam Stewart, Doctor)	260 (Treatment)
13698108	8672	Jan 1, 2018 12:10	AD (Adam Stewart, Doctor)	Patient Viewings
13698115	8672	Jan 1, 2018 12:12	AD (Adam Stewart, Doctor)	290 (Custom Form)
13698127	1469	Jan 1, 2018 12:23	AD (Adam Stewart, Doctor)	Patient Viewings
13698128	1455	Jan 1, 2018 12:24	AD (Adam Stewart, Doctor)	Patient Viewings
13698234	6180	Jan 1, 2018 15:09	AD (Adam Stewart, Doctor)	Patient Viewings
13698235	6180	Jan 1, 2018 15:10	AD (Adam Stewart, Doctor)	290 (Custom Form)
13698236	6180	Jan 1, 2018 15:10	AD (Adam Stewart, Doctor)	290 (Custom Form)
13698237	6180	Jan 1, 2018 15:10	AD (Adam Stewart, Doctor)	290 (Custom Form)
13698238	6180	Jan 1, 2018 15:10	AD (Adam Stewart, Doctor)	290 (Custom Form)

Ideally, this exports a secure, tamper-proof data spreadsheet file that cannot be manipulated.

Export Report

- This would include all the “Transaction Types” and “Piece Types” specified by the OMA in a single search:
  - The Transaction Type “**Patients**” and all of its sub-category Piece Types:
    - Progress Note
    - Letter Sent
    - Treatment
    - Pending Test
    - Custom Form
    - Medical Report
    - Lab Data
    - Risk Factor Block
    - Family History
    - Problem List
    - Past Health
    - Refused Intervention
    - Demographics
    - Patient Viewings

- The Transaction Type “**EMR Activity**” and its sub-category Piece Types:
    - Prescriptions Faxed
    - Prescriptions Printed
    - Search Run
    - Report Printed
    - Patient Records Emailed
    - Patient Records Faxed
    - Patient Records Printed
    - Patient Records Exported
  
  - The Transaction Type “**Email**” and its sub-category Piece Types:
    - Manual Send
    - Batch Letter
  
  - Also, the Transaction Types:
    - Appointments
    - Lab Preview
    - Messages
    - Mobile Activity
- 
- Ideally, there would be the option of exporting the search results in a format that is secure and cannot be manipulated to ensure data validity. (However, this may not be an absolute requirement).
  
  - NOTE: the type of data in this report does **not** include Personal Health Information, removing the need for patient consent and privacy concerns.

- From there, the OMA would provide a portal or method by which physicians and clinics could securely upload the data.
  
- OMA can aggregate all the data and analyze.