

## PROMIS 4.16 Training

### Vascular Access Reports/Graph

Vascular Access Reports/Graph involves:

1. [Transonic Report: Access Flow Priority List](#)
2. [Access Flow Graph](#)
3. [VA Incidence Report](#)

### [Transonic Report: Access Flow Priority List](#)

#### Background:


Access flow/blood flow is measured through ultrasound Transonic. These assessments give insight into the quality of the access flow and ensure adequate flow through access. The Access Flow Priority List flags patients requiring a transonic and those that may require follow-up based on the access flow measurements from their latest transonic assessment.




#### Navigation:




PROMIS 4 > Patient Lists > Dialysis Access > Access Flow Priority List


#### Functionality:

The report is run by selecting parameters, entering the *As of date* (defaults to today's date but can be changed), *Dialysis Centre* and *Primary Management Centre* for the list of patients you would like to generate. Note that the *As of date* and *Dialysis Centre* fields are mandatory,







Access Flow Priority List 

\* As of Date 20-Oct-2022  \* Dialysis Centre  Primary Management Centre 

View  0 patients selected [Select All](#) [Select None](#)  EXCEL REPORT  ADD TO WORKLIST



The report generates a list of patients with the following information on separate columns: *Last Name*, *First Name*, *PHN*, *Latest Transonic Date*, *Latest Access Flow  $\geq 2500$* , *Latest Access Flow  $\leq 500$* ,  *$\geq 20\%$  Reduction in Previous Measure*, *PCT Recirc Present*, *Latest Measure  $\geq 42$  Days* and *Action*.

	LAST NAME	FIRST NAME	PHN	LATEST TRANSONIC DATE	LATEST ACCESS FLOW	LATEST ACCESS FLOW $\geq 20\%$ REDUCTION SIN	PCT RECIRC PRESENT	LATEST MEASURE $\geq 42$ DAYS	ACTION
<input type="checkbox"/>	CHEN	MICHAEL DAVID		08-Apr-2021					...
<input type="checkbox"/>	CHAN	CLARISSA		05-Apr-2021					...
<input type="checkbox"/>	MACDONALD	KIYOSHI		04-Jul-2021					...

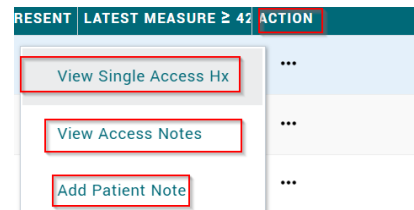
1. Patients' access flow measurements from their **latest** transonic assessment are assessed against four criteria:

- *Latest Access Flow ≥ 2500*: Average of access flow measurements taken in patient's latest transonic is greater than or equal to 2500 mL/min.
- *Latest Access Flow ≤ 2500*: Average of access flow measurements taken in patient's latest transonic is lesser than or equal to 2500 mL/min.
- *PCT Recirc Present* can not be null.
- *Latest Access Flow ≥ 2500, Latest Access Flow ≤ 500 and ≥ 20% Reduction in Previous Measure, PCT Recirc Present, Latest Measure ≥ 42 Days* are taken from the *Assessment Items* in the latest transonic assessment recorded in PROMIS.
- *Latest transonic assessment average* access flow measurements must be less than previous transonic assessment average access flow measurements (from the same access) by 20% or more.
- The gap between the assessment date of latest transonic and the assessment date of previous transonic assessment (from the same access) must be 42 days or more.
- Average access flow is calculated using the access flow measurements recorded in ONE assessment.
- If all three access flow measurements in a transonic assessment is zero, then Average Access Flow will be zero.

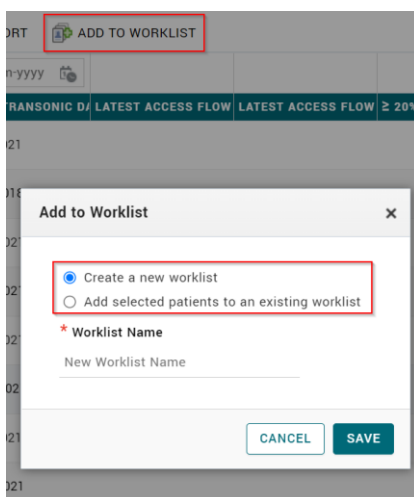
2. A checkmark displays under the criterion met by the patient's latest access flow measurements.

3. The *Action* column will show the three dots (*More Actions indicator*) for each record generated. When clicked it will show the following three options:

- *View Single Access Hx*: This would lead to the patient's *Single Access History* summary screen in *Dialysis Access*.
- *View Access Notes*: This would lead to the patient's *Access Notes* screen for this access in *Dialysis Access*.
- *Add Patient Note*: This would lead to a text box where you could add a VA note for that particular access for the patient.



4. You can also select some or all of the patients on the list and either add your selection to an existing worklist or create a new worklist to add your selections too.



**Note: Only numerical values entered in the access flow fields (in a transonic record) are trended. All other characters entered will render the measurement for that transonic null.**

[Access Flow Graph](#)

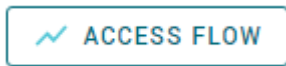
**Background:**

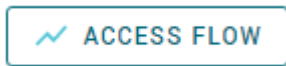
A visual trend of the patient’s access flow from past transonic measurements has been introduced in PROMIS 4. This is done by clicking the ‘Access Flow’ button displays the last ten access flow measurements on a graph.

**Navigation:**

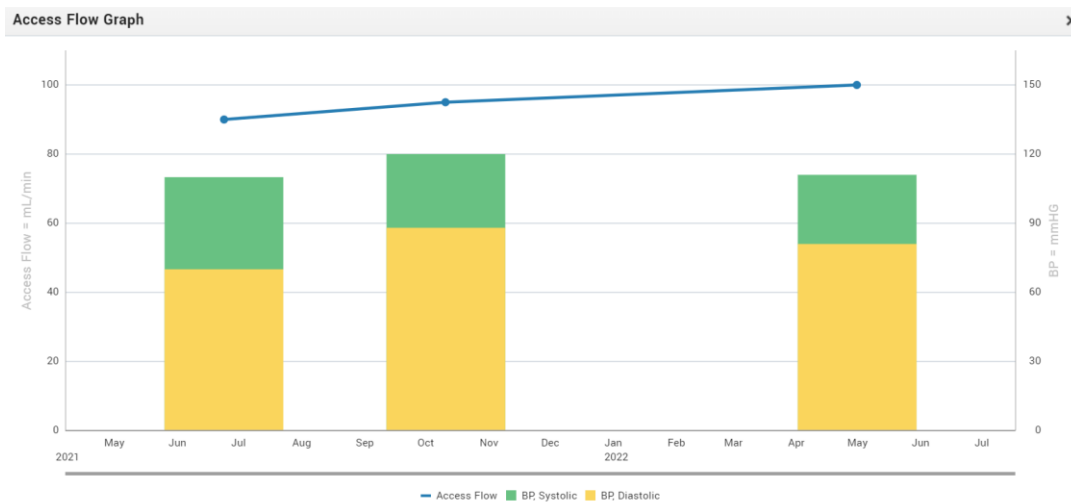
PROMIS 4 > Patient Overview > Renal > Dialysis Access > Access record > Access Flow Graph

**Functionality:**



1. The  button will display the patient’s access flow, systolic and diastolic pressure trends for the past ten assessments of the selected access on a graph.
2. The line graph represents the access flow measurements.
3. The green bar represents the BP systolic values.
4. The yellow bar represents the BP diastolic values.
5. Null values for any of these will not be shown on the graph and will not be shown as a zero value.

**Only numerical values entered in the access flow fields (in a transonic record) are trended. All other characters entered will render the measurement for that transonic null.**



## VA Incidence Report

### Background:

The Vascular Access Incidence Report shows the accesses used by chronic HD patients on their first run of chronic hemodialysis. It is used to identify opportunities to improve both AVF/G rates and support patients in receiving dialysis through their 'planned' vascular access. It is also used for data quality purposes by identifying missing or incomplete access information. As part of the PROMIS 4.16 release, the Vascular Incidence report is being moved into PROMIS 4 and will include the following key changes:


- Ability to specify a cohort
- Ability to generate the report for any primary nephrologist.

### Navigation:

PROMIS 4 > Reports > Centre Reports > Dialysis Access > VA Incidence Report

### Functionality:

To run this report:

1. Navigate to the report in PROMIS 4.
2. On the report's parameters page, enter the parameters you would like to generate the report for. This report can be generated by *Location* or *Primary Nephrologist*.
  - *Date Range*: You could choose a date range from 1 month up to a year, or
  - *Start Date, End Date*: You could choose to enter a start and end date instead of a date range. The start date will be the date the patient started chronic HD.
  - *Run Report By*: This report could be run by *Location* (*where the patient receives dialysis treatment*) or *Primary Nephrologist*. If *Location* is selected, select the location in the *Dialysis Location* field. If you choose the *Primary Nephrologist* option, please indicate the primary nephrologist.
  - *Primary Management Centre*: This is the primary management centre the patient is associated with at the time of their first chronic HD run
  - *Health Authority*: This is to indicate the health authority the patient is from at the time of their first chronic HD run.
  - *Cohorts*: There are four cohorts to choose from to streamline this report. If you hover your mouse pointer on , chronic HD is defined and displayed in the following messages: "Provincial renal patients with chronic renal failure who have been on HD dialysis for at least 28 days".

Here is a description of each of the four cohorts:

- **First cohort**: All patients who started chronic HD for the first time.
  - o Patients enrolled in a PRA program during report dates

- Chronic HD renal patient receiving chronic HD for more than 28 days. Dialysis type could be 'HD','HDPD','HDPL','HDS','HSDT','HDT','NC' or 'NCT' and must be chronic
- Second cohort: Started chronic HD for the first time & known to nephrology for more than 6 months.
  - Includes everything in the 1st cohort and,
  - Patients' CKD registration date is more than 6 months before their first HD date.
- Third cohort: Started chronic HD for the first time & known to nephrology for over 6 months & prior care was at a KCC.
  - Includes everything in the 2nd cohort and,
  - Patients' CKD status must be active for at least 1 day within 6 months before the HD start date.
- Fourth cohort: Started chronic HD for the first time & known to nephrology for more than 6 months & prior care was at a KCC & HD chosen as preferred modality.
  - Includes everything in 3rd cohort and,
  - Patients with HD as their modality of choice in the Modality Selection module. This could be either HD home, HD community or HD in-centre as their dialysis decision.
- *Show Patients with Unknown or Incomplete Access:* This checkbox will have the following description:

*Include patients requiring data correction for the following reasons:*

1. *Unknown access – No access is listed in access record; &/OR*
2. *Incomplete access – “First Used/In Use” date is not identified in access record; &/OR “First Used/In Use” date differs from HD Start Date > 1 day.*

The screenshot displays the 'Vascular Access Reports/Graph' interface. At the top, there are filter options for 'Date Range' (1M, 3M, 4M, 1Y), 'Start Date' (27-Sep-2021), and 'End Date' (27-Sep-2022). Below these, there are options for 'Run Report By' (Location, Nephrologist) and 'Dialysis Centre' (Abbotsford Dialysis Clinic). The 'Primary Management Centre' is set to 'Abbotsford Rgnl. Hosp. & C.C.'. The 'Health Authority' section is expanded, showing a list of cohorts:
 

- Chronic HD - Provincial Renal (PR) patients with chronic renal failure who have been on HD for at least 28 days.
- All patients who started chronic HD for the first time** (selected)
- Started chronic HD for the first time & known to nephrology > 6 months
- Started chronic HD for the first time & known to nephrology > 6 months & prior care was KCC
- Started chronic HD for the first time & known to nephrology > 6 months & prior care was KCC & HD chosen as preferred modality

 At the bottom, there are checkboxes for 'Show Patient List' and 'Show Patients with Unknown or Incomplete Access' (checked).

3. Click on *Run* to generate the report.



## VA Incidence Report

### Report Parameters:

<b>Dialysis Start Date</b> 27-Sep-2021	<b>All patients who started chronic HD for the first time:</b> Y
<b>Dialysis End Date</b> 27-Sep-2022	<b>Started chronic HD for the first time &amp; known to nephrology &gt; 6 months:</b> N
<b>Dialysis Centre</b> Abbotsford Dialysis Clinic	<b>Started chronic HD for the first time &amp; known to nephrology &gt; 6 months &amp; prior care was KCC:</b> N
<b>Primary Management Centre:</b> Abbotsford Rgnl. Hosp. & C.C.	<b>Started chronic HD for the first time &amp; known to nephrology &gt; 6 months &amp; prior care was KCC &amp; HD chosen as preferred modality:</b> N
<b>Health Authority:</b> No Filter Applied	<b>Show Patient List:</b> Y
<b>Primary Nephrologist:</b> No Filter Applied	<b>Show Patients with Unknown or incomplete Access:</b> Y

### Started chronic HD for the first time

Access Type	FHA	IHA	NHA	PHSA	VCHA	VIHA	BC
Planned VA	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
Unknown Access	2 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (100.00%)
<b>Total # of Patients</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

### Health Authority: FHA

Dialysis Centre: Abbotsford Rgnl. Hosp. & C.C.

Access Type	Started chronic HD for the first time
Unknown Access	1 (100.00%)
<b>Total # of Patients</b>	<b>1</b>

Dialysis Centre: Abbotsford Dialysis Clinic

Access Type	Started chronic HD for the first time
Unknown Access	1 (100.00%)
<b>Total # of Patients</b>	<b>1</b>

F - Fistula

G - Graft