Canadian Vascular Quality Initiative (CVQI)
September 12th, 2019
8:00 – 11:30 AM
Delta Okanagan Resort
1310 Water St, Kelowna, BC

- Agenda
  Welcome and Introduction  Graham Roche-Nagle, MD
  National VQI Update  Cheryl Jackson, RN, SVS PSO
  AQC Update  Mary Macdonald, MD
  RAC Update  Graham Roche-Nagle, MD
  GC Committee Update  Graham Roche-Nagle, MD
  Regional Data Review  Graham Roche-Nagle, MD
  Presentations  Graham Roche-Nagle, MD
  Naomi Eisenberg, PT, MEd, CCRP
  Meeting Evaluation  Graham Roche-Nagle, MD

- National VQI Update:  Cheryl Jackson, RN, SVS PSO

**SVS PSO Staffing Update:**
Kristopher Huffman has been hired as the new Director of Analytics
Dan Neal will continue as a part-time employee of the PSO

**Actively Recruiting for Clinical Operations Associate**
Position will report to Carrie Bosela
Position will assist with data audits, responding to clinical questions and updating and maintaining the registries
Position will be the lead interface with regional data managers
Position will attend regional and national meetings

**SVS PSO will be hiring an Associate Medical Director**
An RFA will be issued by the end of August and the position will be filled by March 2020
Position will report to the PSO’s Medical Director, Dr. Jens Eldrup-Jorgensen
The initial focus will be to assist the SVS PSO Medical Director and SVS PSO staff, with guidance and oversight its clinical operations.
There will be a specific emphasis placed on attaining a deep understanding of the construct of the variables in each SVS VQI registry and then assisting with the development and maintenance of the registries and associated reporting and analytics.

**VQI@VAM Highlights: See slide deck**

**Canadian VQI Presentations & Posters**

- **Preoperative Anemia has Gender Based Differences in Immediate Postoperative Mortality.**
  Authors: Raju, Sneha and Eisenberg, Naomi – Toronto General Hospital
- **Leveraging Vascular Quality Initiative Data to Improve Hospital Length of Stay for EVAR Patients**
  Authors: Eisenberg, Naomi – Toronto General Hospital
- **Endovascular Repair of Abdominal Aortic Aneurysm (EVAR) in Octogenarians: Report on Clinical Outcomes and Complications.**
  Authors: Raju, Sneha and Eisenberg, Naomi – Toronto General Hospital
Participation Awards: 2019

Scoring
- LTFU (40%)
- Regional Meeting attendance (30%)
- QI Project (20%)
- Registry subscriptions (10%)

Participation Committee is in the process of reviewing criteria for 2020 awards

3 Star recipients received certificates at the Spring Regional and National Meeting

View pictures on your region’s website at www.vqi.org

For general inquiries about the Participation Awards, please contact Cheryl Jackson at CJACKSON@SVSPSO.ORG or Jim Wadzinski at JWADZINSKI@SVSPSO.ORG.

Submit Project Charters and supporting documentation for presentations and posters to QI@SVSPSO.ORG or cjackson@svspso.org.

Visit the VQI Members Only Website for webinars and presentations on VQI Quality Improvement Projects. www.vqi.org

2019 Reports:
Quarter 1:
- Spring Regional Reports,
- QI Update: EVAR LTFU Imaging Update/Risk Calculator
- Performance Awards
Quarter 2:
- QI Initiative Updates – DC meds and EVAR LTFU imaging
- Center and System Dashboards
Quarter 3:
- Fall Regional Reports
- QI Initiative Updates – DC meds and EVAR LTFU imaging
- Center and System Dashboards
Quarter 4:
- QI Initiative Updates – DC meds and EVAR LTFU imaging

Registry Updates:
- Hemodialysis Access: In development and will be released in Q3 2019
- Vascular Medicine Registry: Specifications finalized, to be released in Q3 2019
- Varicose Vein: Specifications finalized, to be released in Q3 2019
- Venous Stent Registry: Specifications finalized, to be released in Q3 2019

M2S Updates and Technology Updates
- Implement GUDID integration for PVI balloons and atherectomy (on PVI comprehensive form). Released on 5/22/2019
- Add Medicare Beneficiary Identifier (MBI) as an optional patient identifier. Released on 6/5/2019
- Across-registry change on Patient Details page. Released on 6/5/2019
- Allow Follow-up links to display for all procedures even when an exclusion rule is met

Exclusion rules include:
Carotid Artery Stent registry: If all arteries treated are Technical Failure then the procedure is excluded.
Endo AAA Repair: If converted to Open, then a follow-up EVAR form is not required.
PVI registry: If all arteries treated are Technical Failure or Unable to Treat then the procedure is excluded.
Thoracic and Complex EVAR: If the 'Aortic Device Implanted = No' then treat the procedure as Technical Failure, or if converted to Open do not require a follow-up on the TEVAR form.
Universal: If death is recorded on an index procedure, no follow-up is required for that procedure. This procedure will be excluded.

- PVI Revision - update PVI Closure Device Type Right/Left. Released on 6/26/2019
- Across-registry revision - retire Healthcare Insurance Claims Number (HICN) variable. Released on 7/24/2019
  - HICN field was retired on:
    - Carotid Endarterectomy
    - Hemodialysis Access
    - IVC Filter
    - Infrainguinal Bypass
    - Suprainguinal Bypass
    - Lower Extremity Amputation
    - Open AAA Repair
    - TEVAR
- **Other Development Projects to be released in 2019**
  - Hemodialysis Access registry revision
  - TEVAR registry revision for Cook Dissection PAS project
  - New Venous Stent registry
  - Varicose Vein registry major revision
  - New Vascular Medicine registry
  - INFRA & SUPRA revisions - groin incision variables

**Registry Projects**
These projects are conducted within the SVS PSO and only non-identifiable data (removal of patient, center and physician information) will be provided to Medtronic/Bard or the FDA. Only standard of care practice is being evaluated. For such PSO activities, patient informed consent and Institutional Review Board review are not required. Sites must follow their institutional guidelines.

**PATHWAYS Support**
2018 Claims Validation
The support team will be notifying sites selected to participate in the 2018 claims validation process in Q3.

**Upcoming Analytics Webinars**
- **BASIC ANALYTICS** - Wednesday, September 4, 2019 at 2 p.m. EST
- **ADVANCED ANALYTICS** - Wednesday, October 2, 2019 at 2 p.m. EST
If you wish to register, and have not received a registration link, please contact pathwayssupport@m2s.com.
Both webinars will be recorded and posted to the Resources in PATHWAYS along with the associated Q&A.
- Research Advisory Council: Graham Roche-Nagle, MD

Change in RAC Policies!
Policy on RAC Requests Related to Industry Studies
Policy on Device Identification for approved RAC Requests
Conflict of Interest Policies Revised based on these new Policies
All posted on the VQI Web Site

National Research Process

Proposal Submissions
October 2019
Call for Proposals: August 13, 2019
Due Date: September 16, 2019
Meeting: October 7, 2019
Notification Sent: October 8, 2019

December 2019
Call for Proposals: October 8, 2019
Due Date: November 18, 2019
Meeting: December 9, 2019
Notification Sent: December 10, 2019

RAC Update - Reminder
No Restriction of data release based on similar projects; collaboration is encouraged
Only 1 refresh of data within 24 months of initial approval
Industry related projects need to collaborate with the steering committee/s (i.e. TCAR)
Review policy and industry charters on the web
Device Identification Policy: review on the web before submitting proposal

National Research Process
Check Approved Project List
https://www.vqi.org/data-analysis/rac-approved-project-search/

To submit a proposal to be considered for the National RAC, please follow the link below:
http://abstracts123.com/svs1/meetinglogin

National Research Process
2 upcoming submissions from UHN
  1. Hemoglobin and its effect on MACE
  2. Comparison of Canada v US aneurysm size
ALL ARE WELCOME TO JOIN THE STUDY TEAM!!

Arterial Quality Council: Mary Macdonald, MD
Opioid Workgroup is formed and charged with putting forth recommendations on how the VQI can be used to track, monitor and benchmark opioid utilization.
Continued refinement to Global Unique Device Identification Database (GUDID) integration in PVI, with planned expansion to other registries.

Initiating Future Registry Updates
Harmonizing Demographics and Meds across all registries
Updating Infra/Supra Registries
Updating OAAA

Provided Education and Clarification on recording “Other Devices” and IDEs

**Governing Council: Graham Roche-Nagle, MD**

GC meeting at VAM
Vote on new Executive Committee Member - Dr. Yazan Duwayri, Emory University
Presentation on Potential New Cost Project – Expanding upon the EVAR Cost Pilot Project
Need for New RAC Policies
Revised Data Use Agreements
Non-VQI members cannot have access to VQI BDS
How to handle center id in Regional Data Sets

**Graham Roche-Nagle, MD**
Dashboard – See slide deck
Comments:
  - Suprainguinal bypasses for planned amputations – we get identified as having a high number of complications.
  - Discussed statins and other medicine reconciliation challenges

**Roundtable/Comments:**
Crow and Confess
  - Interesting to look at paclitaxel use in US v Canada

Successes
Challenges
  - Follow up for HD patients
  - Forms
  - Perclose for EVAR
  - It has been noted that getting death information entered is a challenge.

What is your centre’s QI project??
  - Discussed a regional charter for risk factor modifying medications

It was suggested that attendees review the VQI website for resources

**Presentations:** Opioid Prescription on Discharge
Graham.Roche-Nagle@uhn.ca
Naomi.Eisenberg@uhn.ca

Meeting Evaluation:
  - Discussed next meeting – aiming for Winnipeg (virtual or in-person)
  - Naomi will email in early January to members: PLEASE RESPOND
  - TGH Opioid presentation reviewed
• Paul Petrasek, MD (Calgary) presented on his blood conservation project and the use of tranexamic acid and its use to decrease cost of transfusions.

Items for Cheryl to report back on:

• Expand Canada’s view on the regional map. Update – Cheryl working with M2S. will send to group when completed.
• Cheryl suggested having the regional meeting at VQI@VAM/VAM. If this probable- let Cheryl know asap. Usually time is available before the ½ day VQI@VAM session starts or during VAM.
• Cheryl corrected the “Total Procedures, All Years” slide in the final deck.
• Intra and Supra modules – Reported concerns to the rest of PSO group regarding planned amputations during same hospital admission. Other regions have voiced same issue – the Intra and Supra modules are up for revision in 2020.
• Region would like to see more international comparison – Can’t compare to Singapore due to only one center and PSO privacy constraints; data are not shown for regions with <3 centers participating in the applicable registry. Also, since European vascular disease presents differently than the US and they have several different registries, the comparisons wouldn’t be apples to apples. Suggestion would be to look into the International Consortium of Vascular Registries (ICVR).