

# Vein Registry Review

What is being measured & what truly matters?

# Disclosures

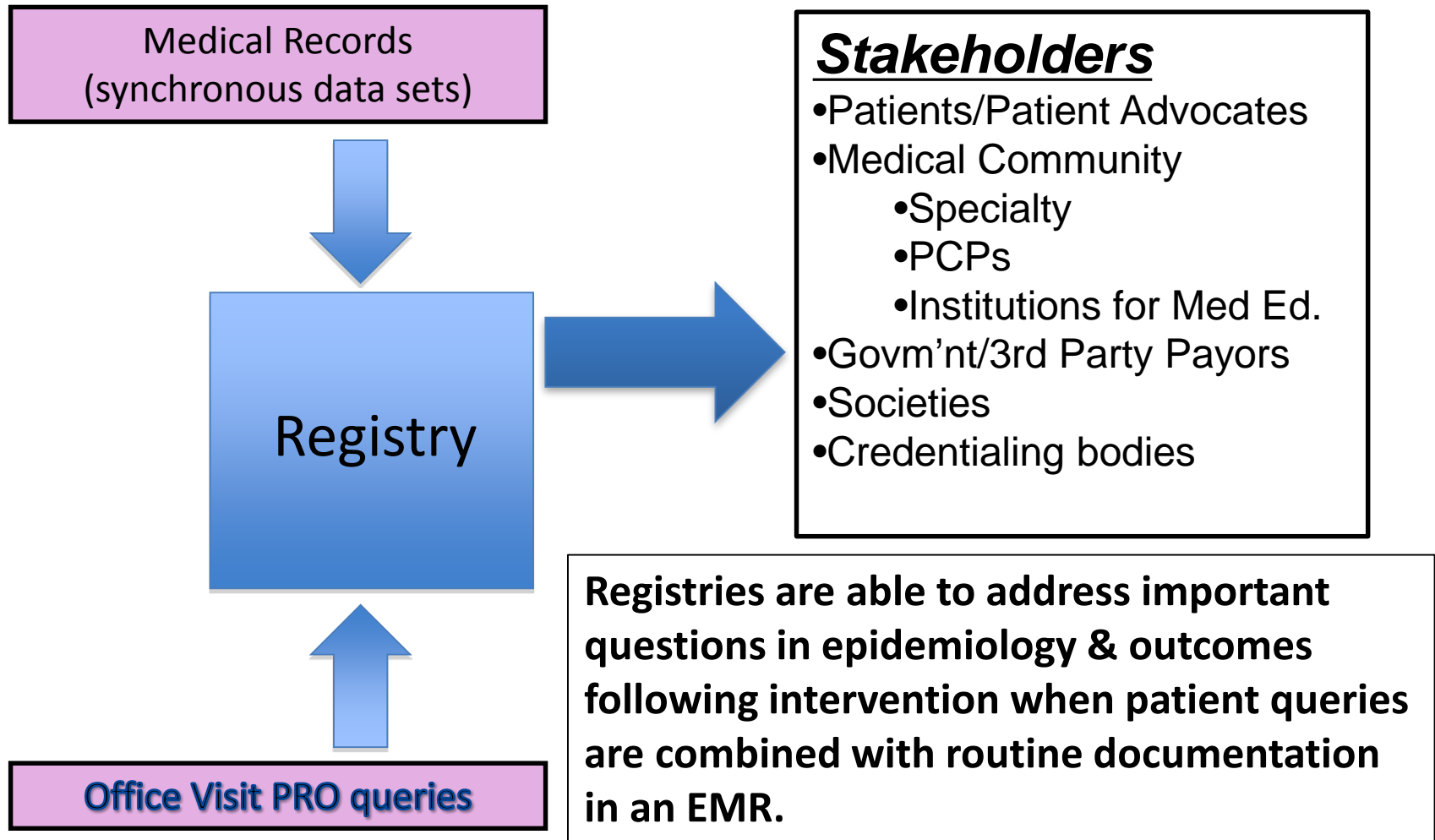
- Major

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- AthenaHealth has begun process to participate in ACPPROVein Registry. I am contracted with AthenaHealth for practice support and EMR service.

# Sophisticated Registries



# Registry Realities

## Vein Specifics

- Multiple societies sponsor registries capturing similar material;
  - American College of Phlebology
  - Society of Vascular Surgery
  - HVORI
- All registries are relatively new yet plagued by old registry concerns, e.g. manual data entry.
  - ACPPROVein Registry avoids duplicate entry with automated data sharing in HIPAA compliant environment.
- Outcome measures are generally lacking the patient's voice
  - ACPPROVein Registry incorporates generic & disease specific queries over time to help compare disease states and outcomes as patients perceive them.
- Each registry is in its infancy and expected to grow over time.
  - Additional EMR interfaces will only help to grow the amount of meaningful information over time.

## Present Dilemma

- February scientific meeting hosted two registry talks with widely varied results.
  - In one registry the majority of cases were thermal ablation and involved general anesthesia, and almost no chemical ablation was reported.
  - In another, no general anesthesia was employed with thermal ablation, and chemical ablation was widely employed.

## Selection Bias Is Evident

# Currently Available Registries

	ACPPRO Vein Registry	SVS/VQI Varicose Vein Module	VPOR
Society Sponsor	American College of Phlebology	SVS	HVORI
Disease States	CVI/SVI/Lymph	CVI/SVI/IVC Filters/Stenting	CVI/SVI/Stenting/Pelvic procedures
EMR Interface & Data Upload	2 EMRs are already connected and a 3 <sup>rd</sup> publicly traded organization is in final contract stages	Largely manual entry	Largely manual entry
Users	Diverse	Largely Institution based surgeons	Diverse with cardiology emphasis
Data Focus	Epidemiology & Procedural	Procedural	Procedural
PRO Queries	Yes – SF6D	No	No
Disease Specific Queries	SQOR-V & VVSYM-Quick	Limited	Limited
Benchmarking	Yes	Yes	Not Clear
CMS Scientific Registry	Yes	No	No
PSO Affiliation	No	Yes	Not clear

# HRQL Dashboard



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Dashboard

Physician Dashboard

SF-6D

SQOR-V

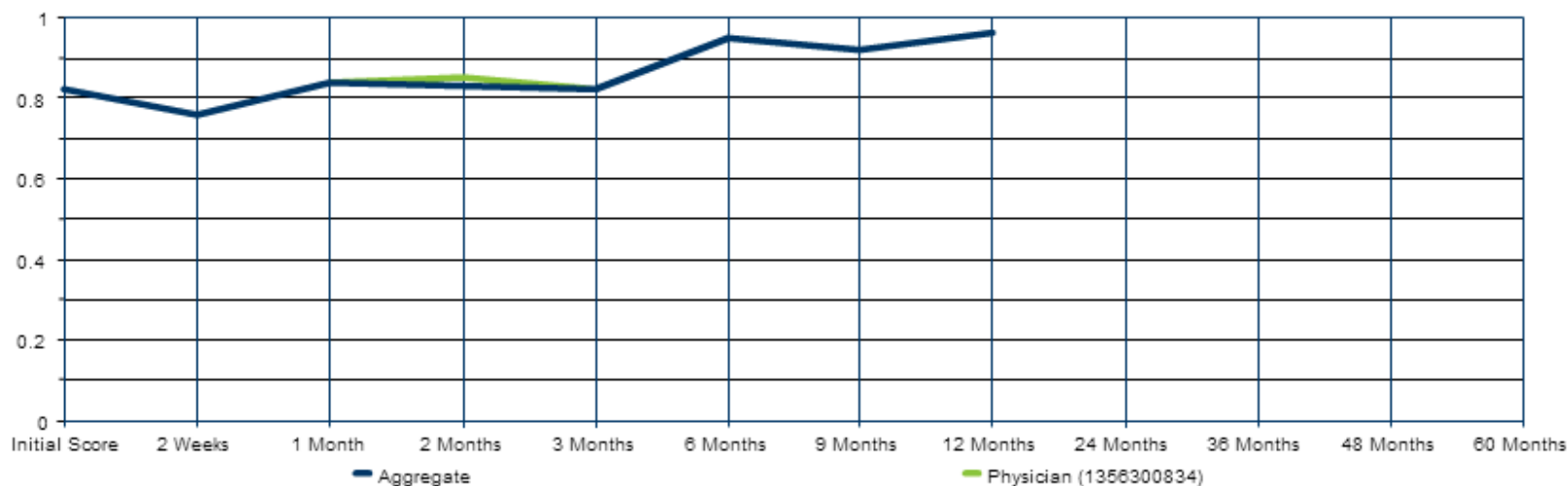
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SF-6D: Aggregate vs. Physician



Patient Details

# Conclusions

- Registries help address epidemiology questions and clinical outcomes today;
- Comparative effectiveness & cost effectiveness may only be measured if patient perception of outcome is captured;
- Surrogate outcomes of vein closure mean nothing without the patient's voice;
- No registry is currently perfect. Data warehousing will help merge structured data for the common good.