

Vascular Quality Initiative®

Methods for Data Capture, Integration,
Exchange & Management

Successes and Challenges in VQI

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Successes:

- VQI incorporated all RAPID core data elements into its PVI data form in September, 2016
- M2S linked with the Access-GUDID database to extract data for user device type entry by:
 1. Unique Device Identifier
 2. Product number
 3. Manufacturer, type, diameter, length

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Entering Device Identifier

As enter initial numbers, options are displayed:

Artery 1

Number Treatment Types

Device 1

Treatment Type

Product Number or UDI

Manufacturer	SME-200P-10080 UDI:04953170270666
Type	BD0812 UDI:08809233102008
Diameter	BD1008 UDI:08809233102077
Length	EV06181CD UDI:00801741000652
	EV06182CD UDI:00801741000669
	EV06261CD UDI:00801741000676
	EV06262CD UDI:00801741000683
	EV06361CD UDI:00801741000690
	EV06362CD UDI:00801741000706
	EV07181CD UDI:00801741000713
	EV07182CD UDI:00801741000720

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Product Number

As enter initial numbers, options are displayed:

Device 2

Treatment Type

Product Number or UDI

Manufacturer	VBC050202 UDI:00733132614387
Type	VBC050502 UDI:00733132614394
Diameter	VBC051002 UDI:00733132614400
Length	VBC051502 UDI:00733132614417
	VBC060202 UDI:00733132614424
	VBC060501 UDI:00733132614431
	VBC060502 UDI:00733132614448
	VBC061001 UDI:00733132614455
	VBC061002 UDI:00733132614462
Concomitant	VBC061501 UDI:00733132614479
	VBC061502 UDI:00733132614486

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After select Device or Product Number, other relevant information is automatically populated:

Device 1

Treatment Type	Stent Graft	▼
Product Number or UDI	VBC050202 UDI:00733132614387	x
Manufacturer	W. L. Gore & Associates, Inc.	▼
Type	GORE VIABAHN Endoprosthesis	▼
Diameter	5 Millimeter	▼
Length	2.5 Centimeter	▼

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Manufacturer, Type

Enter manufacturer, type, diameter and length

Artery 1

Number Treatment Types

Device 1

Treatment Type

Product Number or UDI

Manufacturer

Type

Diameter

Length

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Auto Populates Product # and DI:

Artery 1

Number Treatment Types

Device 1

Treatment Type

Product Number or UDI

Manufacturer

Type

Diameter

Length

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Challenges:

- Complex data form, long user entry time
 - Funding mechanism needed for device projects
- One-year follow-up improving, but only 70%
- Access GUDID data from companies incomplete
 - Device length, dia often entered as text, not data
 - Need cooperation of industry to improve accuracy of Access-GUDID database