
Vascular Quality Initiative

PVI Registry Revisions

March 7, 2024

Agenda:

- 1 Reused/Recycled Devices
- 2 Thrombectomy/Thrombolysis Devices
- 3 Questions

Reused????

- What is a reused DCB?
 - DCB = Drug Coated Balloon
 - DCBs are drug coated balloon catheters used to treat occlusive atherosclerotic disease
 - After one balloon inflation, in theory, the drug coating is released into the vessel wall rendering the remaining balloon catheter much like a plain balloon

Balloon Mounted Stents

- What happens when you deploy a balloon mounted stent & then use the stent balloon in a new segment or different vessel to treat a different lesion?



Solution

- If vessel is abstracted as ‘Lesion Able to Treat’ = ‘Yes’
- Click on ‘Select a Device’
- In the Device Assist search bar type in REU and two reused device selections will populate
- Bar code scanning functionality will not work in these scenarios

The screenshot shows a web interface for device selection. At the top, it says "Device 1". Below that, there are two fields: "Lesion Able to Treat" with a dropdown menu set to "Yes", and "Occlusive Disease Device" with a button labeled "Select a Device". To the right of the "Select a Device" button is a "Scan Barcode" button. Below this is a "Device Assistant" window. It has a search bar with "reu" entered. Below the search bar, two options are listed: "Reused DCB" and "Reused Stent Balloon". The "Reused DCB" option is highlighted with a blue background and a red border.

NOTE: Plain balloons used in multiple vessels or vessels segments will need to continue having device details applied because the device UDI still applies to the device.

Revised Concomitant Selection

Concomitant

- None
- Thrombolysis, pharmacological
- Mechanical thrombolysis / thrombectomy
- Embolic protection device
- IVUS
- CTO device
- Concomitant infrainguinal bypass
- Concomitant suprainguinal bypass

Mechanical Thrombectomy Collection

- Historically only collected Mechanical & Pharmacologic Thrombolysis
- Currently many of these devices are now combination devices
- Dropdown list of devices became very long and dated; hard to keep up to date

1 = Argon (Rx Medical) - Cleaner XT, 2 = Argon (Rx Medical) - Cleaner 15, 3 = Arrow (Teleflex) - Arrow-Trerotola PTD, 4 = Arrow (Teleflex) - Arrow-Trerotola OTW PTD, 7 = Boston Scientific - Angiojet Solent Dista, 5 = Boston Scientific - Angiojet Solent Omni, 31 = Boston Scientific - Angiojet Posis, 6 = Boston Scientific - Angiojet Solent Proxi, 8 = Boston Scientific - Angiojet Spiroflex, 9 = Boston Scientific - Angiojet Spiroflex VG, 10 = Boston Scientific - Angiojet XMI, 11 = Boston Scientific - Angiojet AVX, 21 = Boston Scientific - Angiojet ZelanteDVT[tm], 12 = Codman Neuro (J&J) - Revive PV, 13 = Control Medical - Aspire Aspirator, 14 = Covidien - Trellis 8, 15 = Covidien - Trellis 6, 22 = Covidien LP - HawkOne, 16 = Ekos (BTG) - EkoSonic, 19 = IDE Device, 23 = Inari Medical - Inari ClotTrierer Thrombectomy System, 32 = Medtronic, Inc - EXPORT, 24 = Penumbra - ACE[tm], 33 = Penumbra - CAT 7, 17 = Penumbra - Indigo CAT5 and CAT3, 25 = Penumbra - Indigo CAT6, 26 = Penumbra - Indigo CAT8, 27 = Penumbra - MAX[tm], 18 = Penumbra - Indigo Separator SEP5 and SEP3, 28 = Penumbra - Penumbra JET D, 29 = Penumbra - Penumbra JET[tm] 7, 34 = Phillips - QuickClear, 30 = Spectranetics Corporation - Turbo-Power[tm], 35 = Walk Vascular - JETi6, 36 = Walk Vascular - JETi8, 20 = Other

Device Assist to Help

- None
- Thrombolysis, pharmacological
- Mechanical thrombolysis / thrombectomy
- Embolic protection device
- IVUS

Concomitant

Mech. Thrombolysis / Thrombectomy Device

Select a Device

Scan Barcode

Device Assistant

Search

Angiojet

Angiojet

ANGIOJET AVX

ANGIOJET DISTAFLEX

ANGIOJET SOLENT DISTA

ANGIOJET SOLENT OMNI

ANGIOJET SOLENT PROXI

Thank You

SVS | **VQI**
*In collaboration with NCDR**