AVA : The Venue
AVA 2016 Disney World – Orlando – Florida
AVA 2016 Continued...Fun...
My Take Aways

- New Technology — Lock Therapy
- Controversy — Midlines
- Clinicians need to be loud and proud that they are Vascular Access Clinicians and shouldn’t limit their scope to PICC nurses or cannulation nurse
- Posters
- Thrombosis & Infection
- Linking Research > Clinical Practice > Evidence
- Amy Bardin received the 2016 Suzanne Herbst Award for her contribution to Vascular Access
Its all About Networking
Over to Peter…….
Lets Eat....
Arrow Update
IO : Bridging the Gap: Expanding Scope of Practice
As the Vascular Access Guru can you get immediate access in less than 10 secs?
We have listened….. Premium Components/New Packaging
Pressure Injectable Antimicrobial CVCs

ANZCA release guidelines

SOP 47. Central Vascular Access Device Tip Location

Practice Criteria

- Tip should be in lower segment of SVC at or near CAJ
- Deeper tip location (near tricuspid valve or ventricle) is associated with cardiac arrhythmias (II)

- Use ECG technology in real time for tip location (II)
- ECG technology is more accurate, allows more rapid initiation of infusion therapy and reduces cost (II)
- Tip confirmation by chest radiograph when ECG unavailable

- Document CVAD tip location in medical record
- Place ECG tracing, radiology report or other appropriate report in the medical record

Infusion Therapy Standards of Practice 2016 www.ins1.org/
Tip Positioning Technology

Tip Positioning
• ECG Interpretation P Wave (Nautilus Delta & Arrow VPSR)

Navigation + Tip Positioning
• Magnetic Tracking (Sherlock & Arrow VPSR)
• *Doppler (Arrow VPSG4)
• ECG Interpretation “R” Wave (Nautilus Delta & Arrow VPSR)

*Not registered or available in ANZ
ECG Interpretation for Tip Position of CVCs

Figure 1
A P-wave at its maximum height will indicate the catheter is in the lower 1/3 of superior vena cava/right atrial junction.

Figure 2
A downward deflection on the leading edge of the P-wave indicates the catheter entering the right atrium.

Figure 3
A biphasic P-wave indicates the catheter is within the right atrium.

Figure 4
An inverted P-wave indicates a catheter is approaching the right ventricle.

Figure 5
A biphasic P-wave indicates the catheter is within the right atrium.
Arrow VPSR

• Simple
  • Familiar ECG technology

Flexible
  Modular device

Reliable
  Eliminate chest X-ray

Find Your Rhythm
VPS® System Portfolio

VPS Rhythm™ Device

• Basic ECG only - simple to use
• Incorporates familiar ECG modality
  • Requires interpretation of P-wave
• Tip Confirmation Checklist
VPS® System Portfolio

VPS Rhythm™ Device with TipTracker™ Technology

• Visual navigation and tip confirmation
• Incorporates familiar ECG modality
  • Requires interpretation of P-wave
• Tip confirmation checklist
Find Your Rhythm
Upcoming Conferences

• Combined AVAS & WoCoVa conference

Date: 10\textsuperscript{th}, 11\textsuperscript{th} & 12\textsuperscript{th} May 2016
Venue: Perth Conference Center
Thank You