



VETERINARY TECHNICIAN SYMPOSIUM
June 24-26, 2019 | Oquendo Center | Las Vegas, NV

VENOUS ACCESS

Instructors: Ann Wortinger BIS, LVT, VTS (ECC, SAIM, Nutrition), FFCP
Katy Wadell CVT, VTS (ECC, Anesthesia/Analgesia)

9:00a-12:00p Advanced Venous Access	
Description: We are all familiar with the typically venous access points of cephalic and saphenous veins with over the needle catheters. We will discuss advanced venous access involving small vein access (24-26 ga catheters) used most typically in exotics and neonates, interosseous catheter (IO) use again, useful in exotics and neonates, Seldinger catheter placement techniques used for central lines and long-term catheter placement, and ultrasound guided venous access. We will end the morning with a rousing session on calculating continuous rate infusions (CRI)!	
Objectives: <ol style="list-style-type: none">1. Identify venous access sites in critically ill patients2. Allow appropriate alternative venous access techniques to be selected3. Increase comfort in atypical venous access4. Understand limitations of each technique5. Increase comfort levels with CRI calculations	
10:15a-10:30a	Break
12:00p-1:00p	Lunch
1:00p-5:00p Introduction to each technique and hands-on practice	
Description: Four individual stations will be set up for each group to be divided into. At each station students will practice the techniques introduced that morning using models	
Objectives: <ol style="list-style-type: none">1. Establish comfort with small vein access using romaine lettuce veins and simulated blood2. Practice IO catheter placement on chicken thighs using hand-held Jamshidi needles and an automated placement gun3. Learn Seldinger catheter placement techniques using standard vein models4. Practice ultrasound guided venous access using both animal models and phantoms	
2:30p-2:45p	Break