

Vascular Access, catheter checks and regional blocks

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Can't feel the vessel? – ultrasound can help! Ever struggle with placing a percutaneous IV catheter or collecting blood (venous or arterial) when you can't feel the vessel? Should you even be trying to place a catheter in a particular vessel or is that catheter you placed posing a risk for thromboembolism? Ever wonder if you are at the correct location to perform nerve blocks? Stop wondering and increase your confidence by using point of care ultrasound! This lecture will focus on ultrasound guided techniques to place catheters and collect blood samples, perform nerve blocks, and assess IV catheters.

The aim of this lecture are: to describe in and out of plane techniques to place IV catheters and collect arterial and/or venous blood samples, to describe the use of ultrasound to perform common locoregional nerve blocks and to discuss the application of point of care ultrasound to assess IV catheter insertion sites.

Advanced oxygen delivery method: NIV of High flow oxygen? What do you prefer?

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High flow oxygen therapy and non-invasive ventilation techniques as CPAP have gain in interest in veterinary medicine for patients non-responsive to conventional oxygen therapy. This lecture will be co-delivered by 2 speakers with different experience with HFOT and NIV, and will give pro, cons physiological benefits, technical points, prognosis and give some tricks for the use of these 2 techniques.