

## **Søren Boysen**

### **What's behind the curtain (sign)?**

What's behind the curtain? This is a mystery to many, but it doesn't have to be! Understanding the curtain sign is like drawing back the curtains to a whole new world of understanding! More specifically, the curtain sign is a distinct artifact identified during point-of-care lung ultrasound (LUS). Many LUS protocols recommend avoiding the curtain sign. However, by understanding what creates the curtain sign and what it looks like on LUS, the curtain sign can be used to orientate the sonographer, help identify sites on the thorax the probe should be placed to identify and differentiate pathology, and even diagnose conditions such as pleural effusion, lung consolidation and pneumothorax with confidence, and within seconds!

1. Explain what creates the curtain sign and what it looks like in healthy animals
2. Explain how the curtain sign can be used to rapidly diagnose pleural effusion, pneumothorax and lung consolidation.
3. Explain how the curtain sign orientates sonographers to where they are on the thorax and can be used to help identify sensitive sites for pleural space pathology to accumulate and to help differentiate some forms of pathology.