

Cockrill Clip 4 Transcript

AUDIENCE: Would you ever use this for COPD or something like that to confirm VQ mismatch?

BARBARA COCKRILL: Oh, so that's a really good point. What are you thinking?

AUDIENCE: So I was just saying that where we saw the contrast, we were thinking that-- like here, you'll see that you have perfusion but no ventilation. So I was just thinking that you could use that with also seeing the symptoms of what you would see in emphysema or in chronic bronchitis or one of those.

BARBARA COCKRILL: Yeah. So you bring up a really good point. We don't really use it to evaluate patients with obstructive lung disease. But if you have obstructive lung disease, you don't-- you can't do this test, because it's going to be abnormal. So somebody-- you asked about whether or not you do a chest X-ray. So before you do a VQ scan, you get a chest X-ray first to make sure that it looks normal. Because you're not going to do this test if someone has abnormal lungs, because you're relying on normal ventilation to make it sensitive and specific. Great point.