

TRANSCRIPT OF MEDIA CLIPS- 3D imaging technology changes surgical plan and life for OSF patient

Dr. Richard Anderson, thoracic surgeon, OSF HealthCare and chair and Norman Estes Professor of Surgery at the University of Illinois College of Medicine Peoria

"So the real difference between a 2d and 3d is, just imagine looking at something on a piece of paper with two different pictures, looking at it from side to side, as opposed to having a model in your hand and being able to take that model and move it all around in all different directions, upside down, inside out, even open up things within the model and look at it. It's really the difference between 2D and 3D." Dr. Anderson adds, "It's really quite impressive." (:22)

For Dr. Anderson and others who use 3D imaging, it increases the surgeon's confidence.

"In the more complex oncology cases, it can make a big difference. It can help the surgeon really identify what structures they have to worry about during the operation, what structures they might have to sacrifice, before they actually do the operation and gives them a little bit more level of confidence going into the operation than probably they would have before." (:19)

Dr. Anderson indicates thoracic surgery presents unique challenges because of the delicate and complex anatomy of the chest.

"The arteries aren't made the same, and so they're easier to tear. They're much more delicate. Lung tissue is sometimes like tissue paper too as well. It's easy to injure and tear. You have got to be very careful when you do the dissections in thoracic surgery. That's what makes it so challenging." (:17)

Jake Wilson, 69-year-old lung cancer patient from Waynesville, Illinois (first clip with Sister M. Pieta Keller, an Innovation Engineer at Jump Simulation)

"That was one of my biggest fears was losing my ribs," Wilson explained. "Just the concept of that," he said as his voice trailed off. Sister Pieta explained, "And your recovery and your pain would have been a lot higher," to which Wilson responded, "I'm sure." Pieta added, "So this was quite the gift." (:17)

Wilson admitted that going into the surgery, he was really scared.

"That put the fear of God into me, needless to say because I'm an active person. I'm a farmer. I thought, 'I could see being debilitated for the rest of my life.'" (:17)

Wilson's primary care doctor five years ago, when Wilson was still smoking, encouraged him to get an annual CT screening to detect lung cancer.

"I thought, 'I'm the one that's stupid enough to do this to myself I ought to at least be smart enough to use a little preventive maintenance.'" He added, "And thank God I did because I might already be gone." (:18)

Wilson is sharing his story to show the power of prayer and faith, and to instill hope.

"I know for a fact that the most important thing a person can have in these ordeals is hope because without hope you give up. And this is one time you can't afford to give up because if you give up, you're done." (:23)