

Transcript Video-Audio Clips-Part two Caterpillar-OSF Collaboration

Caterpillar Industrial Designer Christian Ritchie

“So, when OSF was reaching out to get help printing a liver for a patient, they didn’t have quite the right machine to do that, but we had that machine here, so it was a collaboration with the additive manufacturing factory people.” (:14)

Cancer patient Kevin Asbury

“I was expecting something metal when it came from Caterpillar.” (laughter). (:04)

Dr. Sonia Orcutt, surgeon

“Because his particular tumors were close to the big vessels in the liver, what I was trying to understand better with the model is rather than taking this whole big blood vessel and therefore removing most of the liver, actually it was about 70%... can I save a large portion of his liver?” (:18)

Dr. John Vozenilek, vice president/chief medical officer OSF Innovation & Digital Health

“Every day, complex surgeries are happening across the United States and across the world. How can we get this technology, so that people can pre-plan, they can see the anatomy, they can see the complexity, they can make better decisions pre-op. How do we get that out there and to scale? That’s our next great challenge! (:18)

“We’d probably get there but we’d be slower; take fewer risks. Philanthropy plays a key role for us.” (:09)

Sister M. Pieta (pee-AY-tuh), a bio engineer for OSF Innovation at the Jump Simulation and Education Center

“Because they can now physically hold the part of the tumor or the vessels that are interacting with the tumor or the heart itself, and they can see those different defects or what is there and shouldn’t be, if there’s a tumor in the patient ... different things like that.” (:15)

Eric Bonk, Caterpillar industrial designer

“We’ve done hearts for patients in the past. But with the HIPPA laws and stuff, you can never know who you’re doing the work for, right? So, you never find out if the person did okay, or how it all turned out. So, to actually meet someone and see that they’re doing well was fantastic. Loved it.” (:21)