



Med Center Health®

[VIDEO TRANSCRIPT]

90 Seconds to Better Health – Mixed Reality Surgery

Chaitu Malempati, D.O., with Med Center Health Orthopaedics & Sports Medicine

[MUSIC] [NARRATOR]

90 Seconds to Better Health, brought to you by Med Center Health, the largest healthcare provider in the region.

Doctor Chaitu Malempati has recently performed the first mixed reality shoulder replacement surgeries in the state of Kentucky. The 3-D hologram technology enables the surgeon to maintain a direct view of the surgical site – and simultaneously visualize and manipulate a holographic representation of the patient’s native anatomy and pre-operative plan.

[DR. MALEMPATI]

Well, I’m always looking to optimize our outcomes and do the best we can for our patients, especially with arthroplasty or when putting in implants. And to give us that accurate information of the anatomy, can really help us personalize our surgery to that patient’s specific structure. I think that can achieve optimal outcomes. Currently, the shoulder is the only area this has been FDA-approved for; so, I think there are all kinds of applications that are coming down the line, and I think this is only the start of something even bigger and better.

[NARRATOR]

Mixed reality surgery can result in shorter operating times, less blood loss and less risk to the patient.

[DR. MALMEMPATI]

So, if a patient is interested in getting a consult for a surgery like this, they call Medical Center [Med Center Health] Orthopaedics and Sports Medicine and we’ll be happy to consult with them – show them their anatomy, show them the technology. And we can actually show them that in the office as well as during the consultation.

[MUSIC] [NARRATOR]

For more information, visit MedCenterHealth.org.

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