



Preliminary: Cancerous Ultrasound Liver Phantom with a Gallbladder – Part of an Abdomen Phantom

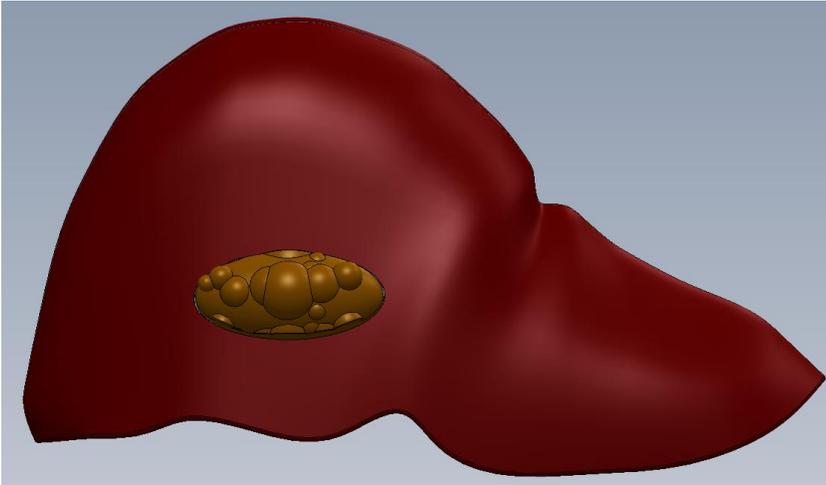


FIGURE 1

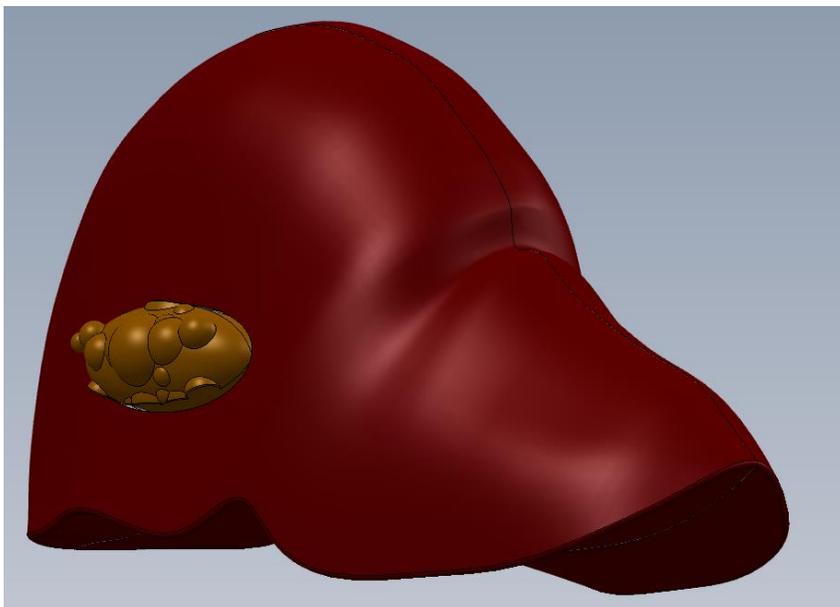


FIGURE 2

The Most Accurate Liver-Gallbladder Phantom device for (Multi-Modality) Ultrasound, MRI and CT Applications, all in One. Will be part of an abdomen phantom, including the Pancreas and Spleen. Can be customize according to customer SPECS.

The device includes:

- Correct 3D human shape and size of the liver and gallbladder.
- Large cancerous lesion
- Internal 2 lesions and one cyst.
- Wrapped with skin alike.
- Many needle insertions and suitable for a long period of time

Suitable for:

OEMs' medical devices simulation
Robotic System calibration
Hospitals, Clinics, Med schools trainings
Demonstrations

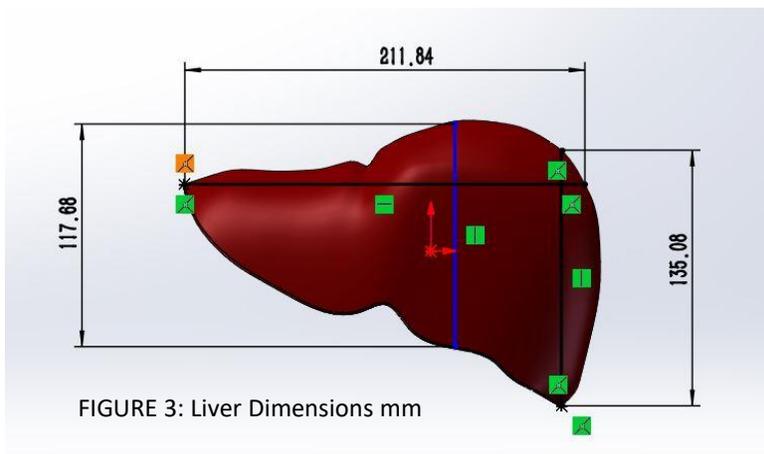


FIGURE 3: Liver Dimensions mm

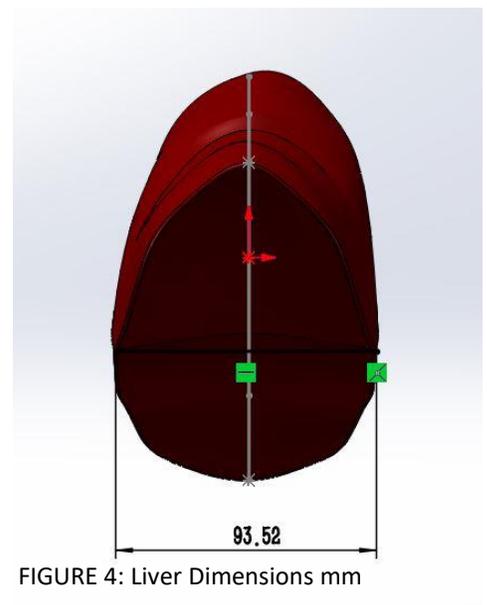


FIGURE 4: Liver Dimensions mm



FIGURE 5: Gallbladder



FIGURE 6: Gallbladder

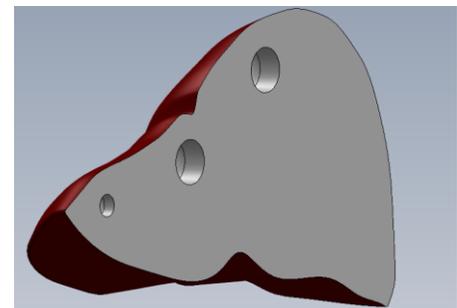


FIGURE 7: Internal lesions and cyst

Specifications:

- Multi-layer material - each tissue or organ is independent and has its own characteristics defined by a real 3D shape, gray level and mechanical properties.
- Multi-Modality - The Liver-Gallbladder Phantom device can be scanned with Ultrasound, CT or MRI
- Unlimited usage of the same packaged phantom during an extended period.