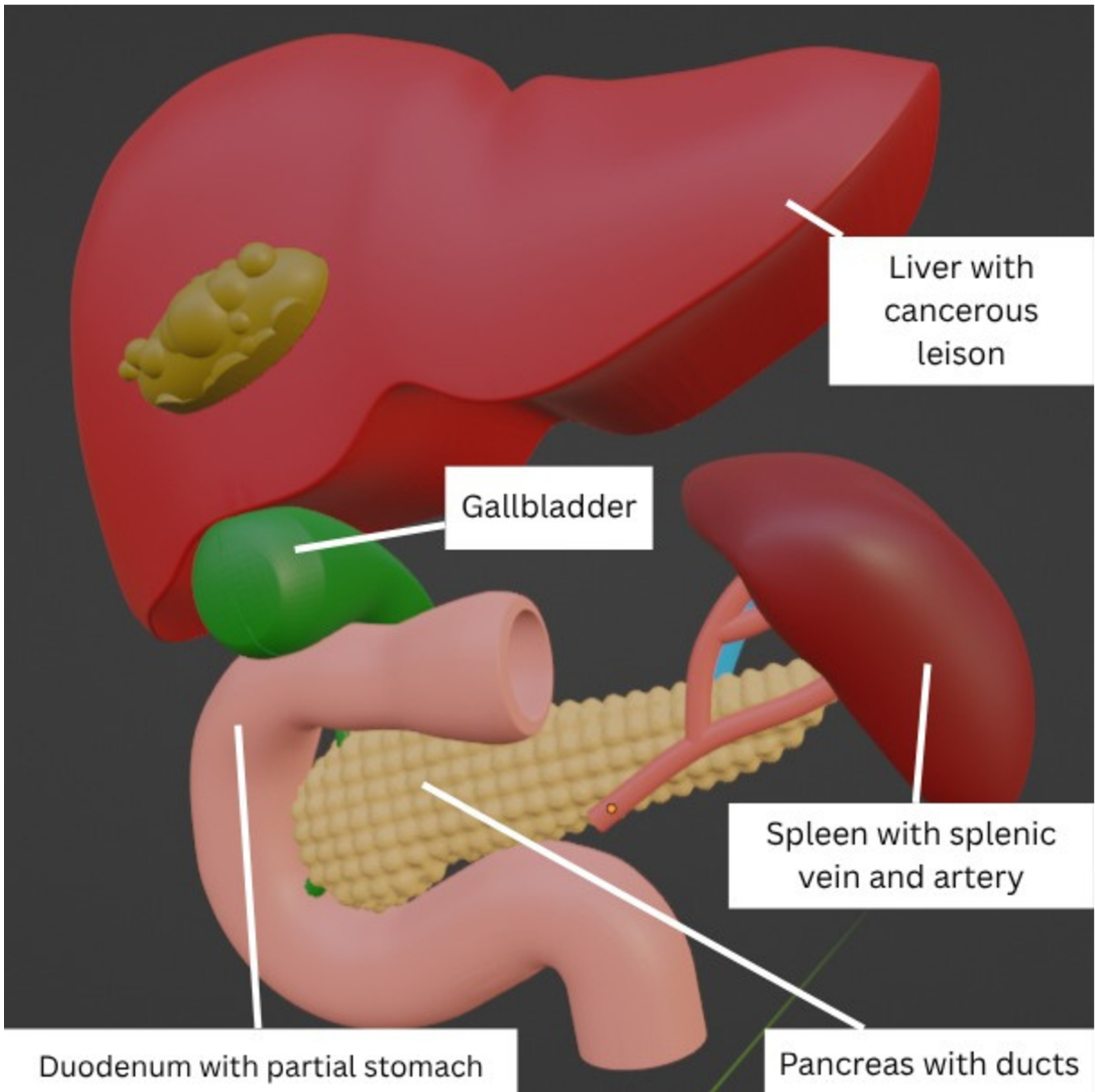




# PRELIMINARY UPPER ABDOMEN ASSEMBLED MODEL

Preliminary Upper Abdomen Assembly Model for Multi- Modality Imaging: Ultrasound, MRI, and CT Compatible



A set of 5 phantom models placed accordingly to mimic the orientation in the human body.

## Yezitronix' Preliminary Upper Abdomen Assembled Model:

A highly accurate and anatomically realistic upper abdomen phantom designed for use across Ultrasound, MRI, and CT imaging modalities—all in one model. This assembly includes detailed representations of the liver, gallbladder, duodenum with a partial stomach, pancreas, and spleen, making it ideal for medical training.

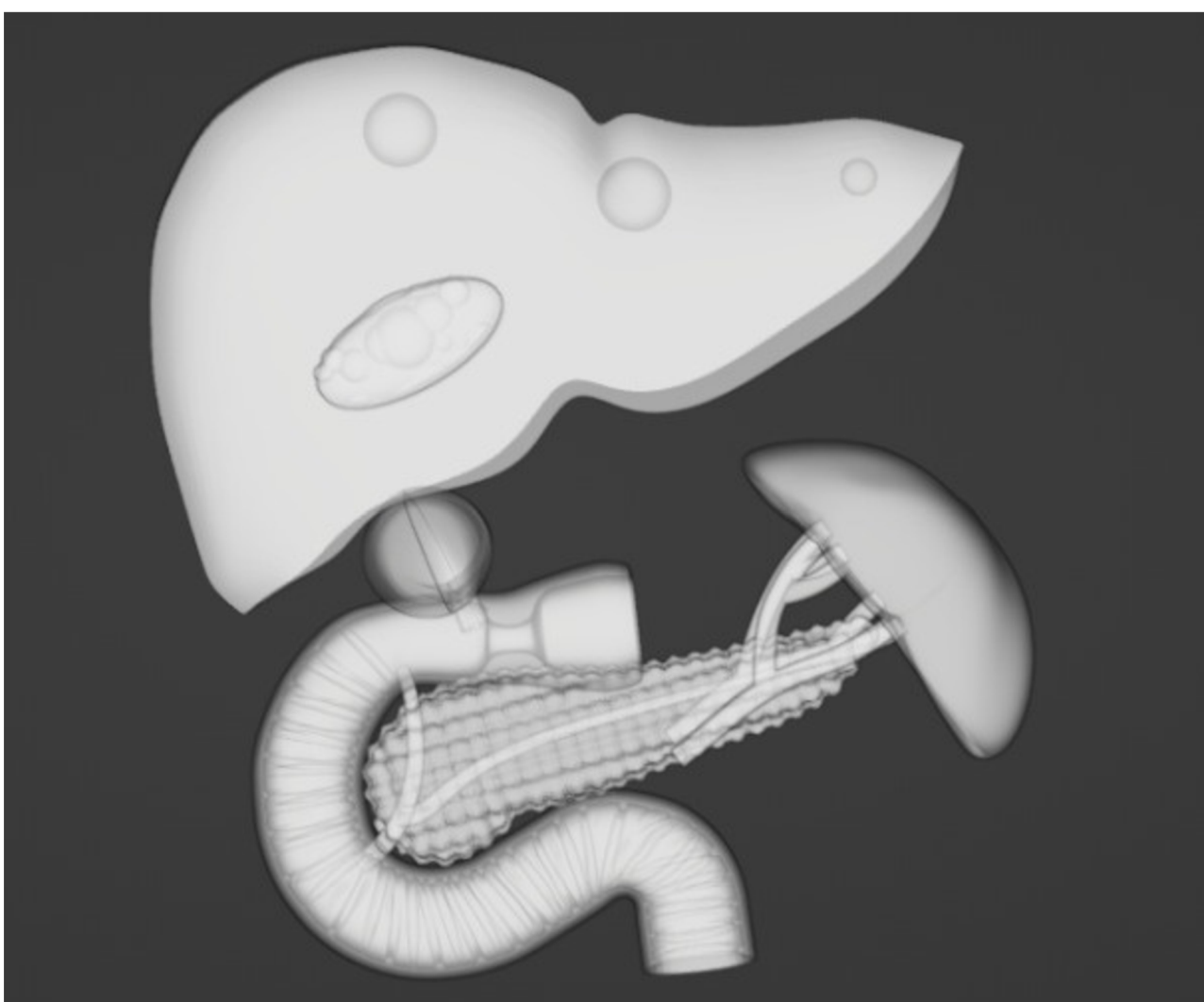
Liver includes a large external cancerous lesion. Realistic gallbladder is integrated with the liver structure. Pancreas and spleen modeled to match human anatomical proportions. Duodenum and a partial stomach section included for upper GI tract realism.

This model is an ideal component for a comprehensive abdomen phantom or standalone upper abdominal simulation.

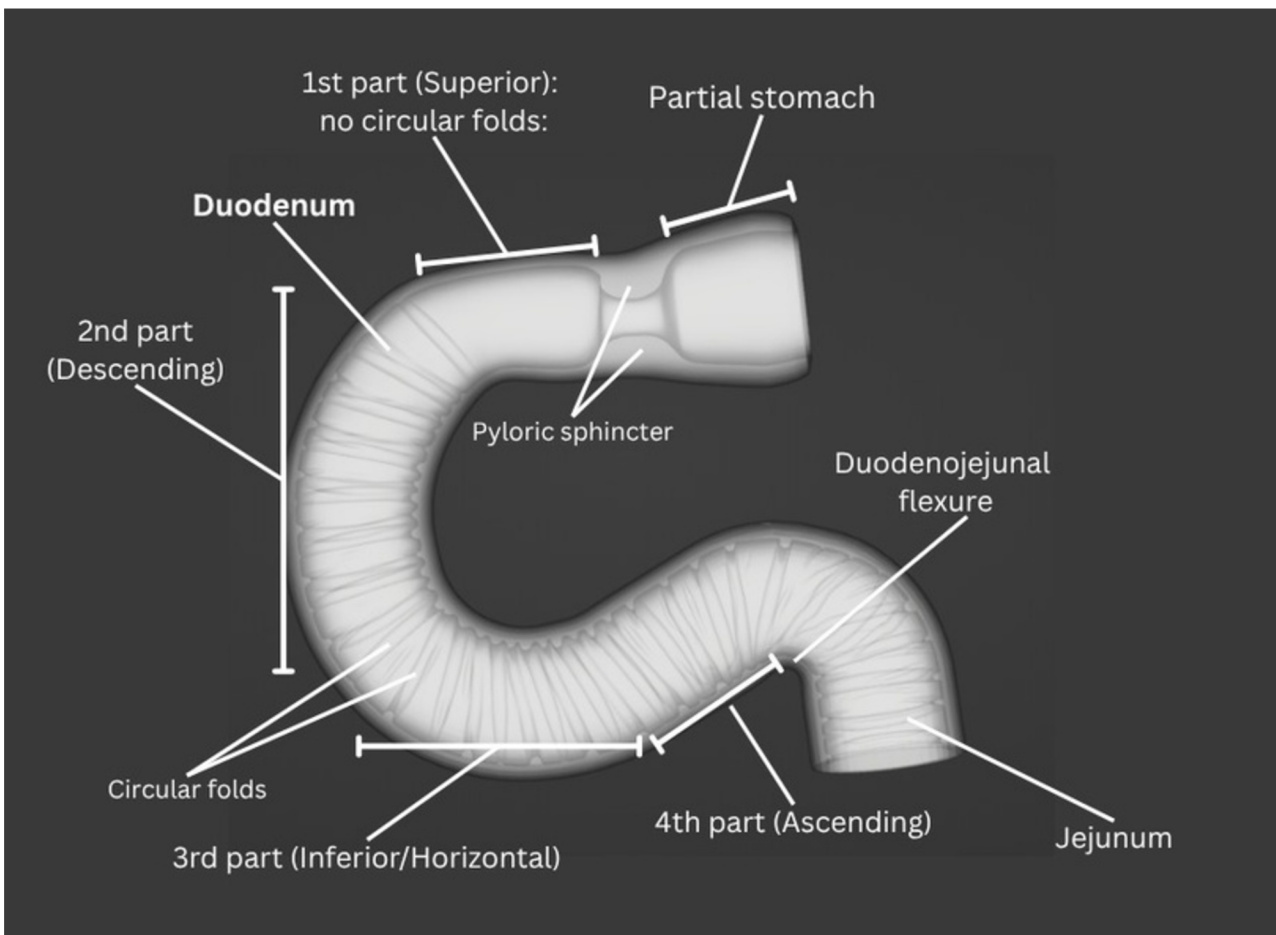
Wrapped in a fat-like material for external realism.

Durable construction supports many needle insertions and is suitable for extended use.

Customization available according to customer specifications.



5 Parts Assemble (transparent)



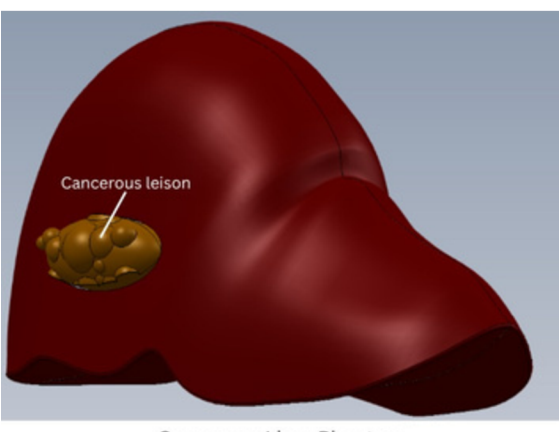
Duodenum with partial stomach (transparent mode)



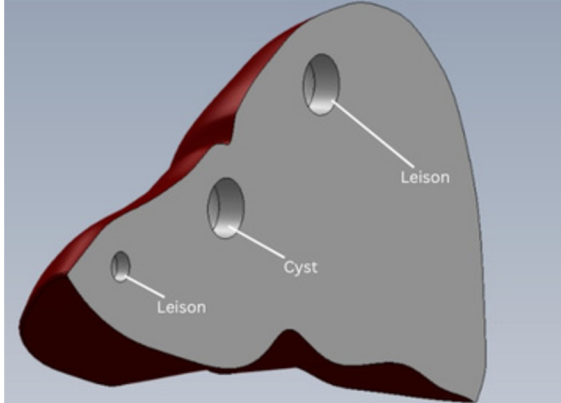
Gallbladder Phantom (partial)



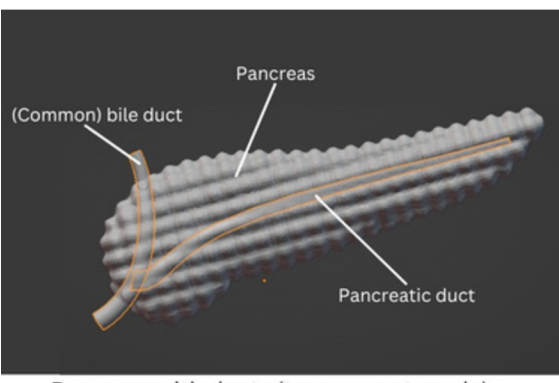
Gallbladder Phantom (partial)



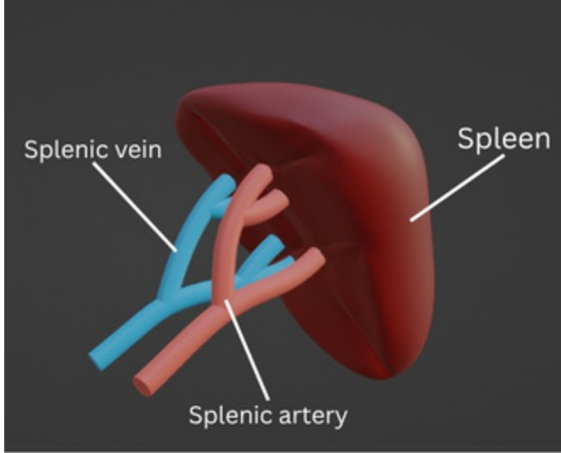
Cancerous Liver Phantom



Liver (partial): Internal lesions and cysts



Pancreas with ducts (transparent mode)



Spleen with splenic vein and artery

## 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 - Preliminary Upper Abdomen Assembled Model can be scanned with Ultrasound, CT or MRI Unlimited usage of the same packaged phantom during an extended period.

Unlimited usage of the same packaged phantom during an extended period.

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