SynDaver Labs

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SynDaver Stomach 130510

Our SynDaver stomach models are the most realistic synthetic organs of their type available anywhere in the world. The structural design is based on an amalgam of CT and MRI images from actual patients and the synthetic tissues employed in construction have been validated against the mechanical, physicochemical, thermal and dielectric properties of living tissue.

Organ Features: Multilayered structure with thin muscular outer jacket, thick muscle middle layer and lubricious mucosal lining. Organ includes fundis and anchor points for pyloric and cardiac sphincters.

Options: Attached esophagus optional. If you require additional customization please call and ask to speak to one of our technical sales representatives.

Typical Uses: These organs are used in the SynDaver Synthetic Human product line. They are also incorporated into complex model systems for the testing of gastrointestinal devices.

The stomach is one of many such organs available separately from our SynDaver Synthetic Human product line. If you require a custom version of this organ or one which is not listed please call us. We can build any organ (or system of organs) from CT and MRI images, CAD designs or simple drawings.

Imaging Equipment: Compatible with all known imaging equipment including ultrasound, x-ray, fluoroscopy, MRI scanners and CT scanners.

Surgical Equipment: Compatible with all known surgical devices including endoscopes, lasers, RF ablation, bipolar, monopolar and harmonic devices.

Extraordinary Features SynTissue synthetic human tissues made from salt, water and fiber—which feature the world's most realistic tactility. SynTissue synthetic human tissues match the acoustical characteristic of real human tissue.

All of our products are made in the USA.