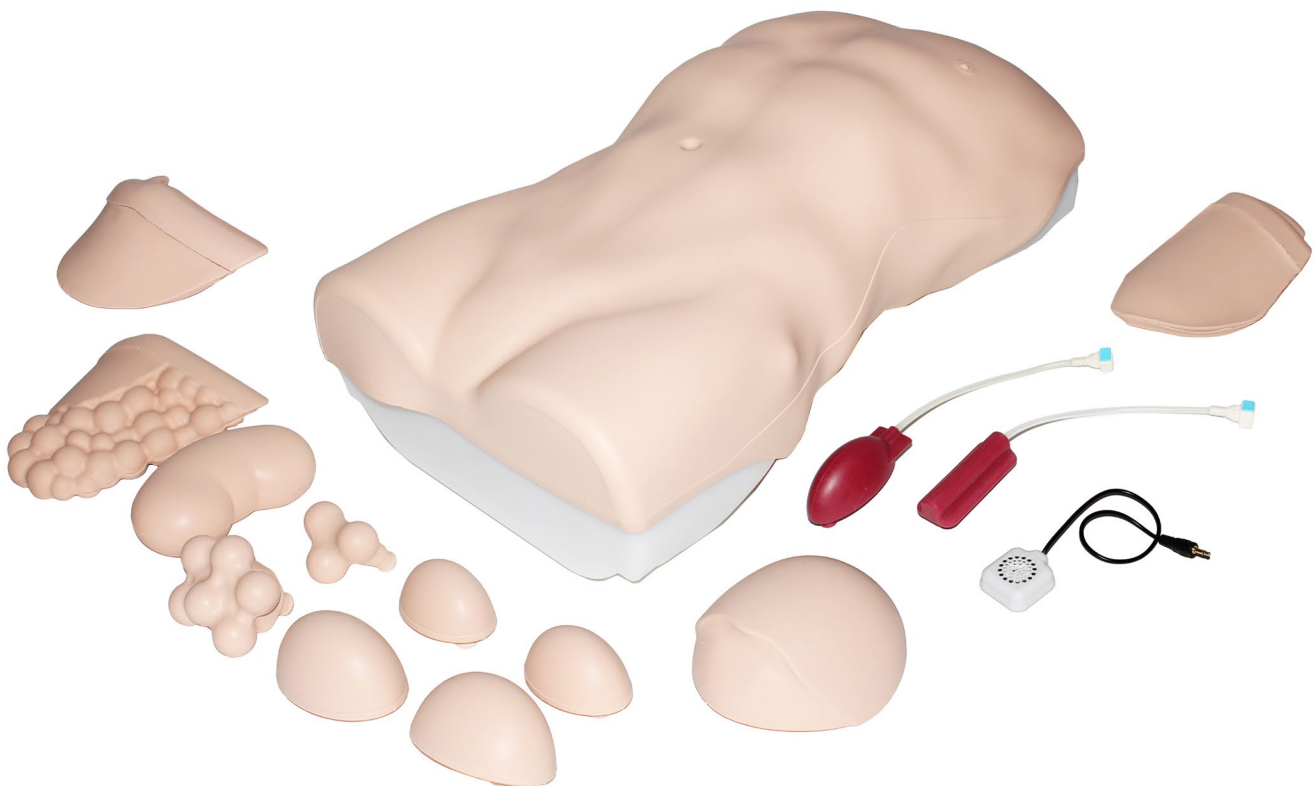


# Abdominal Examination Trainer



60000

For practicing the palpation,  
auscultation and percussion elements  
of abdominal examination



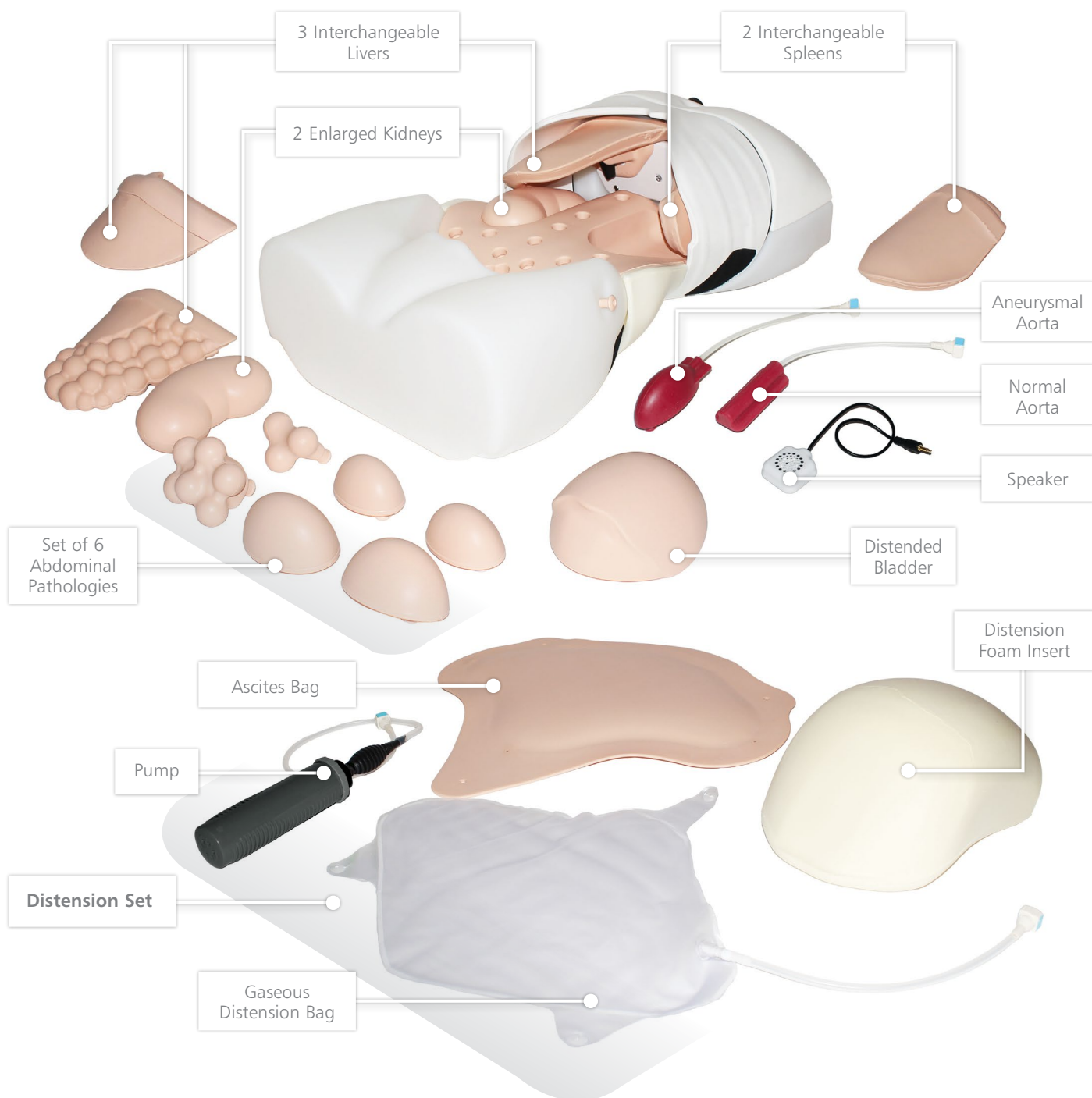
*Learning has never been more lifelike*

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An anatomically accurate adult male torso, used to teach and practice the palpation, auscultation and percussion elements of abdominal or gastrointestinal (GI) examination. Ideal for OSCE preparation and assessment.

With interchangeable organs of varying sizes, and an integral MP3 player providing realistic sounds, the trainer provides the ability to differentiate between normal and abnormal pathology.

## Product Anatomy & Contents



## Skills

- Familiarity with the abdominal regions and underlying anatomy
- Practice in abdominal palpation, auscultation and percussion
- Ability to differentiate normal from abnormal pathology
- Identification of ascites, specifically shifting dullness and fluid thrill
- Identification of gaseous distension and bowel obstruction
- Ballottement of kidneys
- Professional-to-patient communication

## Product Qualities

### Anatomy

- Torso featuring abdomen, pelvis and lower part of thorax
- Bony landmarks include ribs, costal margin, xiphisternum, pubic crest, and anterior superior iliac spines
- **3 Livers:** slightly enlarged, enlarged with smooth edge and enlarged with irregular edge
- **2 Spleens:** slightly enlarged and markedly enlarged
- **Enlarged Kidney**
- **Distended Bladder**
- **2 Aortas:** normal and aneurysmal
- Set of **6 Abdominal Pathologies** includes:
  - 4 Smooth masses: 2 sizes, each with hard and soft version
  - 2 Irregular hard masses
- **Distension Set** includes:
  - Ascites bag
  - Gaseous Distension bag, pump and foam insert
- Simplified representation of lower thoracic & lumbar spine

### Realism

- Organs feel realistic on palpation and respond appropriately to percussion
- Lifelike quality of abdominal skin accommodates stretching for gaseous distension and ascites simulation
- Realistic ballottement of enlarged kidney

### Versatility

- Abdominal skin is simple to remove, allowing quick and easy changeover of organs
- Suitable for both bench top use and hybrid use with Simulated Patient
- Model can be rolled onto side for examination of ascites and shifting dullness

### Key Features

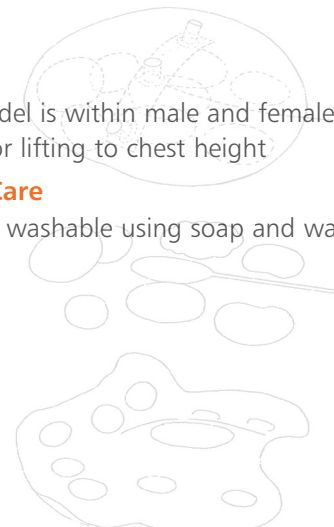
- Interchangeable organs and pathologies of varying sizes can be quickly and easily inserted into the abdomen
- Trainer or Simulated Patient can vary respiratory movement of liver and spleen by the turn of a wheel
- Integral amplifier and surface mounted MP3 player allow training in auscultation of normal and high-pitched or obstructed bowel sounds, renal and aortic bruits - in variable locations
- Volume of bowel sounds can be adjusted and MP3 player allows for additional sounds to be loaded
- Distension set allows for the following:
  - Realistic checking for ascites using percussion, shifting dullness or fluid thrill technique
  - Simulation of bowel obstruction on percussion and auscultation
- Pulse bulb allows simulation of normal and aneurysmal aortic pulse

### Safety

- Latex free
- Weight of model is within male and female health and safety limits for lifting to chest height

### Cleaning & Care

- Skin surface is washable using soap and water



- 60005** Abdominal Examination Base Unit
- 60006** Abdominal Examination Skin
- 60007** Abdominal Fluid Bag
- 60008** Abdominal Examination Organ Locator
- 60009** Abdominal Wall
- 60010** Abdominal Examination Livers (set of 3)

- 60011** Abdominal Examination Spleens (set of 2)
- 60012** Abdominal Examination Kidney
- 60013** Abdominal Examination Bladder
- 60014** Abdominal Examination Pathologies (set of 6)
- 60015** Abdominal Examination Aortas (set of 2)
- 60016** Abdominal Examination – Distension Set
  - Carry case



## USA & CANADA Abdominal Examination Trainer Curriculum References

<p><b>Undergraduate Medical Student (Y1-2)</b></p>	<p>“Examinations:</p> <ul style="list-style-type: none"> <li>- Auscultate and describe bruits</li> <li>- Systematically inspect, percuss, and auscultate lungs</li> <li>- Perform Light and Deep palpation</li> <li>- Demonstrate tests for peritoneal irritation</li> <li>- Describe the Liver Span</li> <li>- Palpate for liver and spleen</li> <li>- Show how to detect ascites”</li> </ul>	<p><i>AAMC Recommendations for Clinical Skills Curricula for Undergraduate Medical Education, page 27-28</i></p>
<p><b>Undergraduate Nursing Student</b></p>	<p>“Abdominal Assessment:</p> <ul style="list-style-type: none"> <li>- Identify landmarks dividing abdominal region into quadrants</li> <li>- Auscultate bowel sounds, listening at least 5 minutes before describing sounds as absent</li> <li>- Auscultate for vascular sounds over epigastric region and each quadrant</li> <li>- Percuss each of the 4 quadrants, noting areas of tympany or dullness</li> <li>- Percuss for a fluid wave</li> <li>- Lightly palpate over each quadrant</li> <li>- Palpate for smooth round mass below umbilicus and above symphysis pubis</li> <li>- Notes size, location, shape, consistency, tenderness, mobility, and texture of any masses palpated”</li> </ul>	<p><i>Clinical Nursing Skills and Techniques, Performance Checklist Skill 6-5, page 63</i></p>
<p><b>Advanced Practice Nurses</b></p>	<p>“Auscultation:</p> <ul style="list-style-type: none"> <li>- Presence, character &amp; frequency of bowel sounds</li> <li>- Presence of bruits (renal, iliac or abdominal aortic)</li> </ul> <p>Percussion:</p> <ul style="list-style-type: none"> <li>- Percuss – resonance, tympany, dull, flat</li> <li>- Liver: define upper and lower borders, measure span</li> <li>- Spleen: confirm presence of normal resonance over lowest rib interspace in anterior axillary line</li> <li>- Bladder: identify distension and fullness</li> <li>- CVA percussion for tenderness Palpation</li> </ul> <p>Palpation:</p> <ul style="list-style-type: none"> <li>- Examine all four quadrants in succession</li> <li>- Start with the painless areas, and palpate the painful area last</li> <li>  Light Palpation (perform first)</li> <li>- Tenderness, muscle guarding, rigidity</li> <li>- Superficial organs or masses</li> </ul> <p>Deep Palpation:</p> <ul style="list-style-type: none"> <li>- Assess for abdominal guarding, tenderness or rigid abdomen</li> <li>- Feel for organs</li> <li>- Masses: location, size, shape, mobility, tenderness, movement with respiration, pulsation, hernias (midline, incisional, groin)”</li> </ul>	<p><i>College of Registered Nurses of British Columbia, Adult GI-GU Assessment, page 6</i></p>



*For demonstration or to order*

Limbs & Things Inc. P.O Box 15669, Savannah, GA 31416, USA

E: [customerservice@limbsandthings.com](mailto:customerservice@limbsandthings.com) T: (912) 629-0357

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