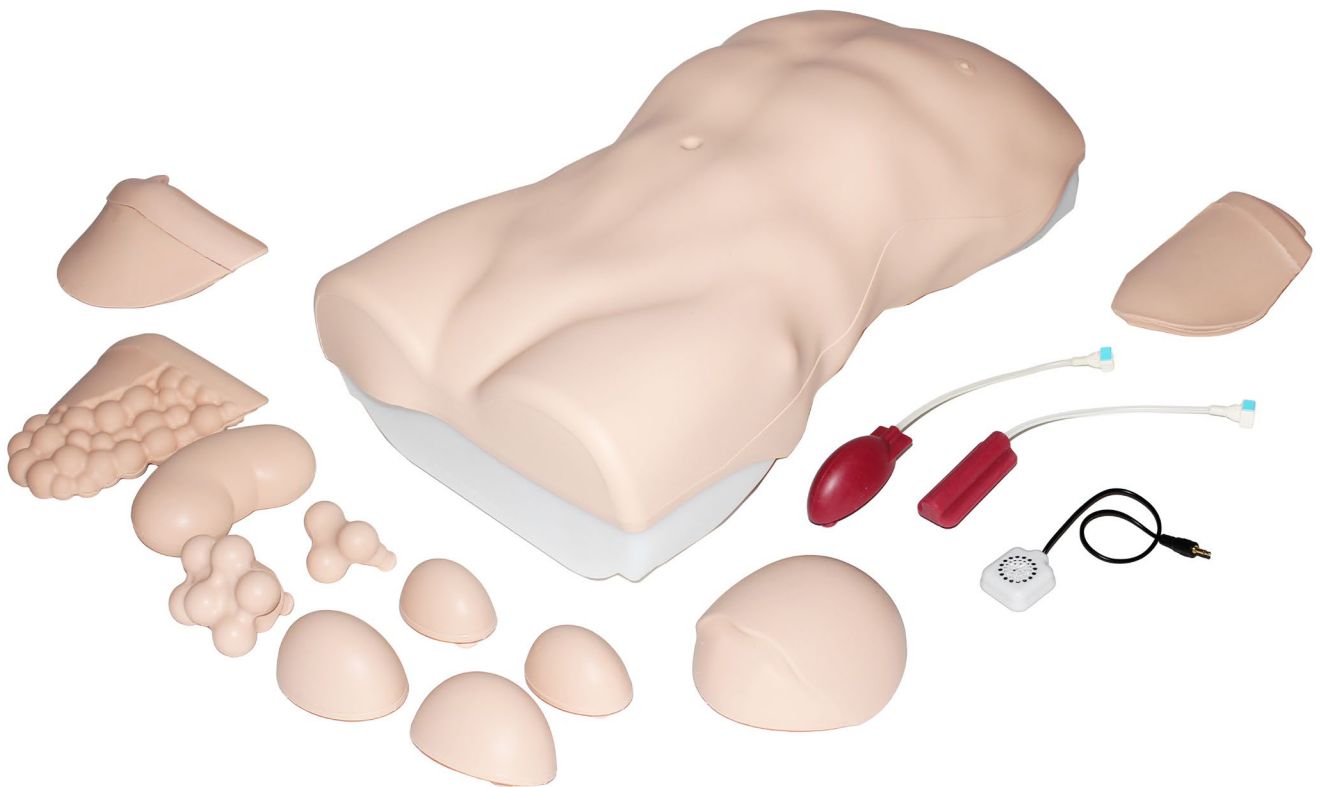


# Abdominal Examination Trainer



60000

For practising 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 practise 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 normal from 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
- **2 Enlarged Kidneys**
- **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 and 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

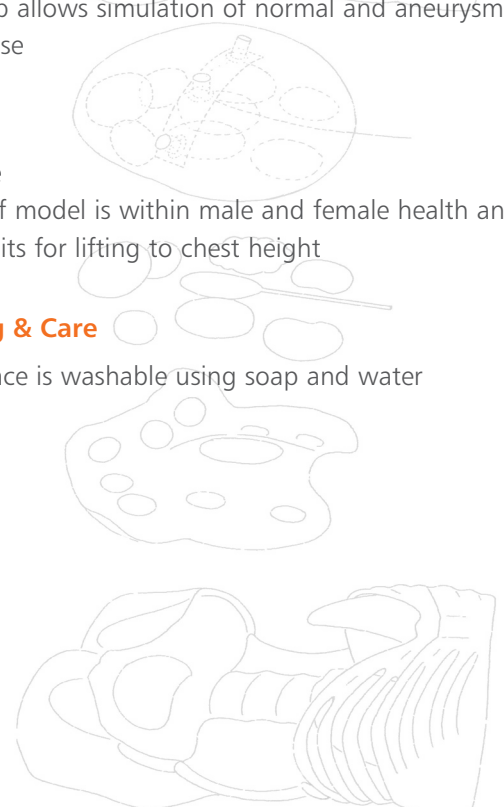
- Interchangeable organs and pathologies of varying sizes can be quickly and easily inserted into the abdomen
- Trainer or Simulated Patient can vary respiratory movement of liver and spleen by the turn of a wheel
- Integral amplifier and surface mounted MP3 player allow training in auscultation of normal 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





## UK Abdominal Examination Trainer Curriculum References

Undergraduate	"Perform a full physical examination. Interpret findings from the history, physical examination... Make an initial assessment of a patient's problems and a differential diagnosis."	<i>Outcomes for Graduates (Tomorrow's Doctors) 2015, page 4-5</i>
Postgraduate FY1 and FY2	"Illustrative problems to be considered and sampled by SLE's (Supervised Learning Events) includes Gastrointestinal problems."	<i>Foundation Programme Curriculum 2012, updated for 2014, page 57</i>
Core Medical Training	"The trainee will be able to assess a patient presenting with abdominal pain to produce a valid differential diagnosis, investigate appropriately, formulate and implement a management plan."	<i>Core Medical Training Curriculum 2013, page 51</i>
Core Surgical Training	"Acute abdomen: To be able to assess and provide the early care of a patient presenting with acute abdominal symptoms and signs."	<i>Core Surgical Training Curriculum, 2013, page 6</i>
GP Training	"Be able to manage primary contact with patients who have digestive problem. Know how to interpret common symptoms in general practice, including dyspeptic symptoms, abdominal pain. Demonstrate a systematic approach to investigating common digestive symptoms."	<i>rcgp.org.uk/training-exams/gp-curriculum-overview/online-curriculum.aspx</i>
Gastroenterology Trainees	"Can take a thorough history and elicit physical signs in patients with abdominal pain. Can plan investigations appropriately, reach a diagnosis and formulate a plan of management."	<i>Specialty Training Curriculum for Gastroenterology And Sub-Specialty Training Curriculum For Hepatology, August 2010</i>
Advanced Nurse Practitioners	"Receiving patients with undifferentiated and undiagnosed problems and making an assessment of their health care needs, based on highly-developed nursing knowledge and skills, including skills not usually exercised by nurses, such as physical examination."	<i>RCN Competences: Advanced Nurse Practitioners, page 4</i>
Paramedic Training	"Medical Emergencies in Adults: Abdomen: Feel for tenderness and guarding in all four quadrants, check for bowel sounds."	<i>UK Ambulance Service Clinical Practice Guidelines (2006), page 4</i>

### You'll Receive

- |  |   |
|--|---|
| <b>60005</b> Abdominal Examination Base Unit         | <b>60011</b> Abdominal Examination Spleens (Set of 2)     |
| <b>60006</b> Abdominal Examination Skin              | <b>60012</b> Abdominal Examination Kidneys (x2)           |
| <b>60007</b> Abdominal Fluid Bag                     | <b>60013</b> Abdominal Examination Bladder                |
| <b>60008</b> Abdominal Examination Organ Locator     | <b>60014</b> Abdominal Examination Pathologies (Set of 6) |
| <b>60009</b> Abdominal Wall                          | <b>60015</b> Abdominal Examination Aortas (Set of 2)      |
| <b>60010</b> Abdominal Examination Livers (Set of 3) | <b>60016</b> Abdominal Examination – Distension Set       |
- Carry case



*For demonstration or to order*

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