Abdominal Examination Trainer

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

Learning has never been more lifelike

limbsandthings.com
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 between normal and abnormal pathology.
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 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
### AUSTRALIA & NEW ZEALAND
Abdominal Examination Trainer Curriculum References

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
<th>Reference</th>
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</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>“Perform a specific examination of ... the gastrointestinal system including an examination of the abdomen. Recognise and describe normal and abnormal findings.”</td>
<td>University of Otago, Clinical Skills in the Undergraduate Medical Curriculum, page 9 &amp; 22</td>
</tr>
<tr>
<td>Postgraduate – Residency Junior Doctors</td>
<td>“Doctors should be able to appropriately assess patients presenting with common, important conditions, including the accurate identification of symptoms, signs and/or problems and their differential diagnosis and then use that information to further manage the patient ... Gastrointestinal conditions and problems; Abdominal pain, constipation, liver disease.”</td>
<td>Australian Curriculum Framework For Junior Doctors, V 2.2</td>
</tr>
<tr>
<td>Specialist GP Trainees</td>
<td>“Diagnosis and management of common and important acute serious illness and traumatic conditions including ... acute abdominal pain.”</td>
<td>RACGP Curriculum for Australian General Practice 2011</td>
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### You’ll Receive

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>60005</td>
<td>Abdominal Examination Base Unit</td>
</tr>
<tr>
<td>60006</td>
<td>Abdominal Examination Skin</td>
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<tr>
<td>60007</td>
<td>Abdominal Fluid Bag</td>
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<td>60008</td>
<td>Abdominal Examination Organ Locator</td>
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<tr>
<td>60009</td>
<td>Abdominal Wall</td>
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<tr>
<td>60010</td>
<td>Abdominal Examination Livers (set of 3)</td>
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<tr>
<td>60011</td>
<td>Abdominal Examination Spleens (set of 2)</td>
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<td>60012</td>
<td>Abdominal Examination Kidney</td>
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<td>Abdominal Examination Bladder</td>
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<td>60014</td>
<td>Abdominal Examination Pathologies (set of 6)</td>
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<tr>
<td>60015</td>
<td>Abdominal Examination Aortas (set of 2)</td>
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<td>60016</td>
<td>Abdominal Examination – Distension Set</td>
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<td>• Carry case</td>
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For demonstration or to order

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AUS V.2 Dec 2016