

USER GUIDE





ABDOMINAL EXAMINATION TRAINER

This product is available in light and dark skin tones

60000 60054

FOR MORE SKILLS TRAINING PRODUCTS VISIT

limbsandthings.com

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TAKE A LOOK At our **Video**

VISIT THE WEBSITE limbsandthings.com

OR YOUTUBE CHANNEL youtube.com/limbsandthings



PACKAGE SUPPLIED			
Base Unit 60005	Abdominal Examination Skin 60006 60057	Abdominal Rectus Bag 60007	Abdominal Examination Organ Locator 60008
Abdominal Wall 60009	Abdominal Examination Livers (Set of 3) 60010	Abdominal Examination Spleens (Set of 2) 60011	Abdominal Examination Kidneys (x2) 60012
			66
Abdominal Examination Bladder 60013	Abdominal Examination Pathologies (Set of 6) 60014	Abdominal Examination Aortas (Set of 2) 60015	Abdominal Examination Distension Set 60016
International 5V DC Power Supply 60053	AA Batteries (x4)	Carry Cases (x2)	ART Mat
	Ì↓↓↓	Kimbsa Kings anteanothypecon	
 Ascites Bag + Distension techniques, percussion, shift 	ting dullness or fluid thrill techniqu	of distended, fluid filled abdomen l	

A potential scenario for this would be a bowel obstruction (P. 17)

SAFETY & CLEANING INSTRUCTIONS

READ THE SAFETY INSTRUCTIONS CAREFULLY BEFORE USING YOUR ABDOMINAL EXAMINATION TRAINER

DO's



Follow all instructions. Keep these instructions. Heed all warnings.

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _



Do not install near any heat sources, do not expose the product to flames or use near naked flame sources. Do not use flammable solvents near or on this product.

Caution - Risk of explosion if battery is

is intended for use with standard type

AA Alkaline or similar non-rechargeable

batteries. Check local guidelines for the

correct disposal of batteries.

replaced with incorrect type. This product

DON'Ts

Only use attachments/accessories specified by Limbs & Things.



Never use the product outdoors as this may damage the product.





Use only the XP Power ACM06 mains adaptor provided with the product, the use of a different adaptor can cause electrical or fire hazards.

Only used at altitudes not exceeding 5000m.



Do not use this apparatus near water,

this product contains electronics.





If a product is damaged or worn, it should be repaired by Limbs & Things. To arrange this, please contact your point of purchase who will be able to provide a repair quote.

Clean the product with a damp soft cloth or sponge, using only warm water with mild detergent. The product must be stored dry.

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Do not disassemble the product or attempt to repair a faulty unit, please return the product to Limbs & Things for assessment and repair.

Do not allow young children to use this product.



SAFETY & CLEANING INSTRUCTIONS

READ THE SAFETY INSTRUCTIONS CAREFULLY BEFORE USING YOUR ABDOMINAL EXAMINATION TRAINER

STORAGE & TRANSPORTATION



The cardboard box that the **ASCITES BAG** is supplied in should be kept and used to store the Ascites bag.

Always ensure both the Abdominal Rectus Bag and Abdominal Examination Ascites Bag are detached from the trainer when not in use and stored flat, without any risk of creasing/folded edges.



DISPOSAL INSTRUCTIONS

Do not disassemble, crush, short-circuit or incinerate the batteries as it may cause fire, injury, burns or other hazards. Do not dispose of this product with unsorted waste. Improper disposal may be harmful to the environment and human health. Please refer to your local waste authority for information on return and collection systems in your area.



This symbol on the product(s) and / or accompanying documents means that used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge.

Alternatively, in some countries, you may be able to return your products to your local retailer upon purchase of an equivalent new product. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

For professional users in the European Union

If you wish to discard electrical and electronic equipment (EEE), please contact your dealer or supplier for further information.

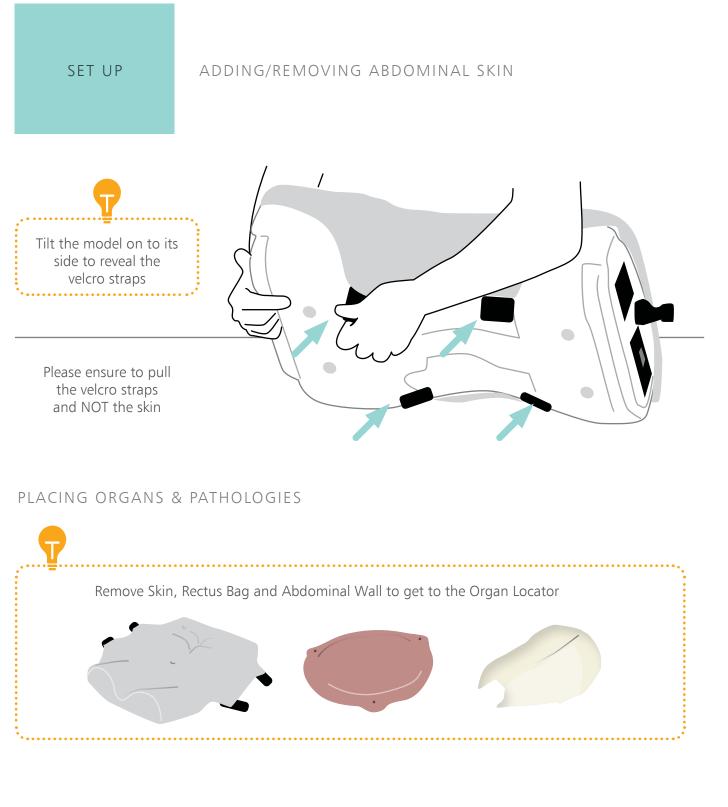
For disposal in countries outside of the European Union

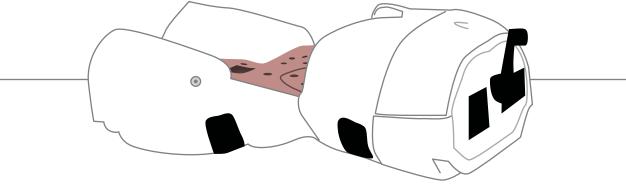
This symbol is only valid in the European Union (EU). If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

	EC DECLARATION OF CONFORMITY					
In accordance with ISO IEC 17050-1 : 2010						
	We at					
	Limbs & Things Ltd					
	of					
	0					
Sussex S	Street, St. Philips, Bristol, BS2 0RA					
Declare under our se	ole responsibility that the product described below:					
Brand and Model Name	ne Limbs and Things Abdominal Examination Trainer, Part numbers: 60000, 60054, 60001, 60055.					
Has been tested	and is in conformity with the following standards:					
SUBJECT	STANDARD					
Electrical Safety	LVD Directive – 2014/35/EU EN 60065: 2014 Eighth edition and IEC 60065: 2014 Eighth edition – Audio, Video and similar electronic					
Electromagnetic	apparatus – safety requirements EMC Directive – 2014/30/EU					
Compatibility	EN61326-1:2013 Electrical equipment for measurement, control and laboratory use.					
	Emissions:					
	EN55016-2-3:2006					
	EN61000-3-2:2006 +A1+A2					
	EN61000-3-3:2013					
	EN55011:2009+A1: 2010					
	Immunity:					
	EN61000-4-2: 2009					
	EN61000-4-3: :2006 +A1 +A2					
	EN61000-4-4: 2012 EN61000-4-5: 2014					
	EN61000-4-5: 2014 EN61000-4-6: 2014					
	EN61000-4-8: 2010					
	EN61000-4-8: 2010 EN61000-4-11:2004					
Radio performance						
Radio performance RoHS	EN61000-4-11:2004					

& Things Ltd DON OF CONFORMITY with UK Government Guidance <u>We at</u> mbs & Things Ltd of eet, St. Philips, Bristol, BS2 0RA responsibility that the product described below: bs and Things Abdominal Examination Trainer, Part ther: 60000, 60054, 60001, 60055 d is in conformity with the following standards: <u>STANDARD</u> Electrical Equipment (Safety) Regulations 2016 BS ENK 60065: 2014 Eighth edition and IEC 600065: 2014 Eighth edition - Audio, Video, and similar electronic apparatus - safety requirements. Electromagnetic Compatibility Regulations 2016 BS ENK 6162-3:2006 BS ENK 6162-3:2006 BS ENK 61000-3:22005 +A1+A2 BS ENK 61000-3:22013 BS ENK 61000-3:22013
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BS EN61000-3-3:2013
RC ENEE011-2000 . 41. 2010
D3 EN33011:2009+A1:2010
Immunity:
BS EN61000-4-2: 2009
BS EN61000-4-3: :2006 +A1 +A2
BS EN61000-4-4: 2012
BS EN61000-4-5: 2014
BS EN61000-4-6: 2014
BS EN61000-4-8: 2010
BS EN61000-4-11:2004
Radio Equipment Regulations 2017
BS EN 300 328 V1.8.1:2012-06
The Restriction of the use of certain Hazardous Substances in
Electrical and Electronic Equipment Regulations 2012
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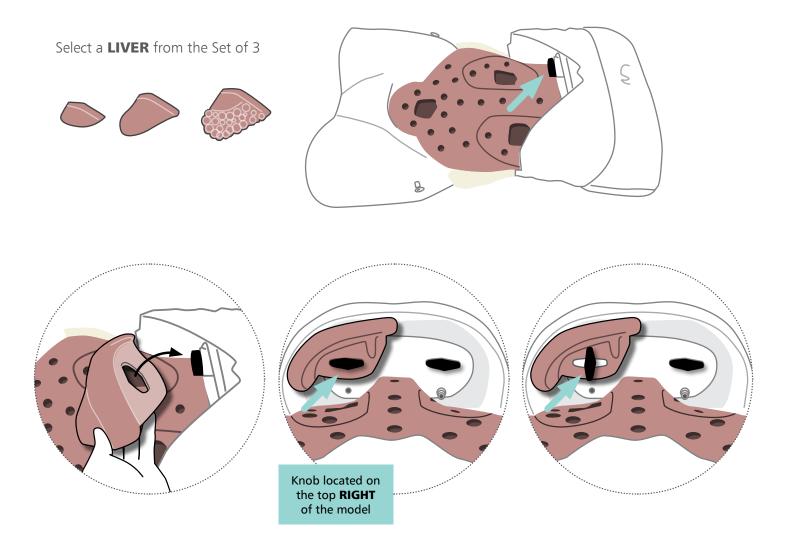
DECLARATION OF CONFORMITY				
<u>We at</u> Limbs & Things Ltd				
Sussex	of Street, St. Philips, Bristol, BS2 0RA			
Declare under our s	Declare under our sole responsibility that the product described below:			
Brand and Model Name	Limbs and Things Abdominal Examination Trainer, Part numbers: 60000, 60054, 60001, 60055.			
Has been tested	d and is in conformity with the following standards:			
Technical regulations	FCC CFR47 Part 15			
Test laboratory	Intertek Intertek House Cleeve Road Leatherhead, Surrey KT22 75B			
Test report number	102856564LHD-001B			
Test report date	18 th April 2017			
igned Nick Hull	Signature			
osition Managing Dir ocation Limbs & Thin	ector gs, Bristol, England <i>Date</i> <u>23 August</u> 2021			

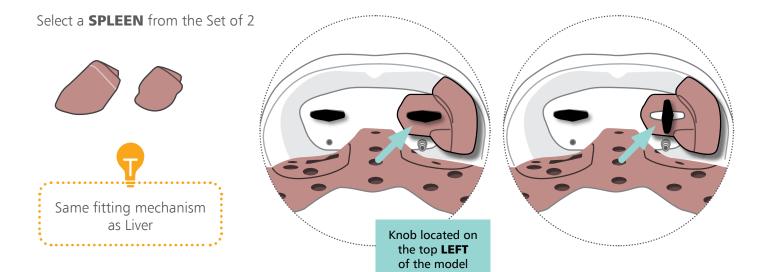




PLACING ORGANS & PATHOLOGIES

Liver & Spleen

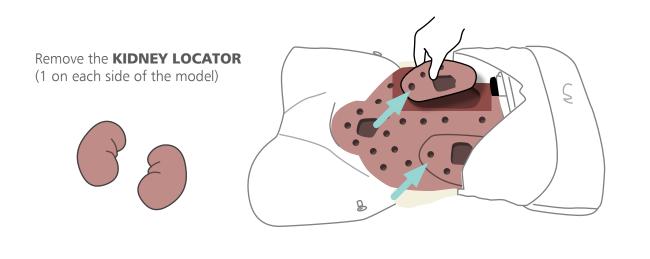


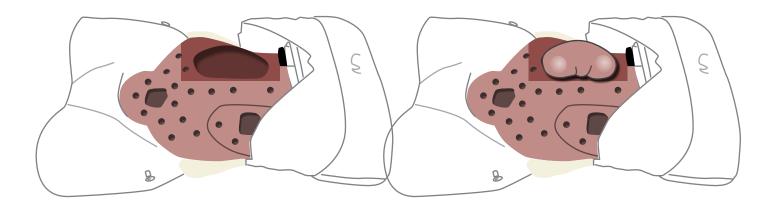




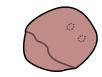
PLACING ORGANS & PATHOLOGIES

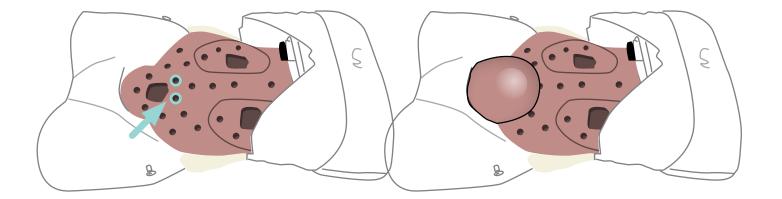
Kidney & Bladder





Select the **BLADDER** and fit the 2 pegs on its back to the holes indicated below

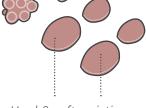




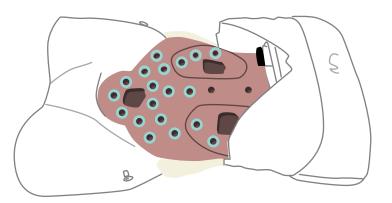
PLACING ORGANS & PATHOLOGIES

Pathologies & Aortas

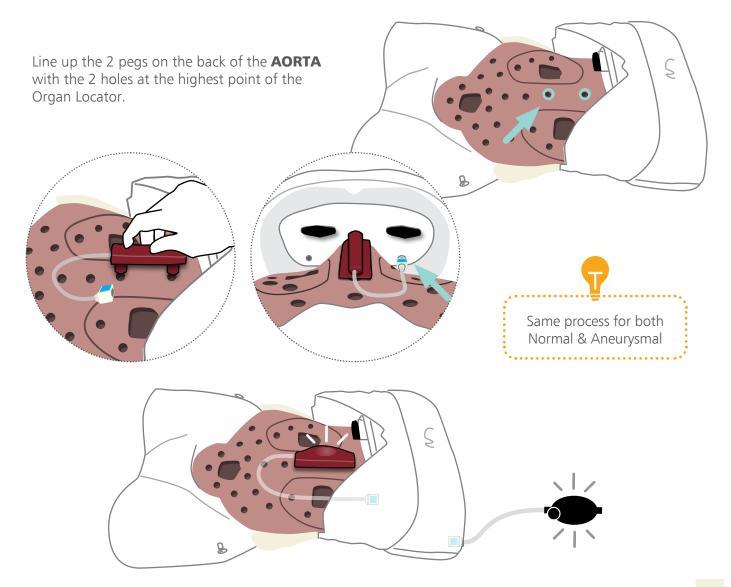
Various **PATHOLOGIES/MASSES** can be placed in different areas of the Organ Locator

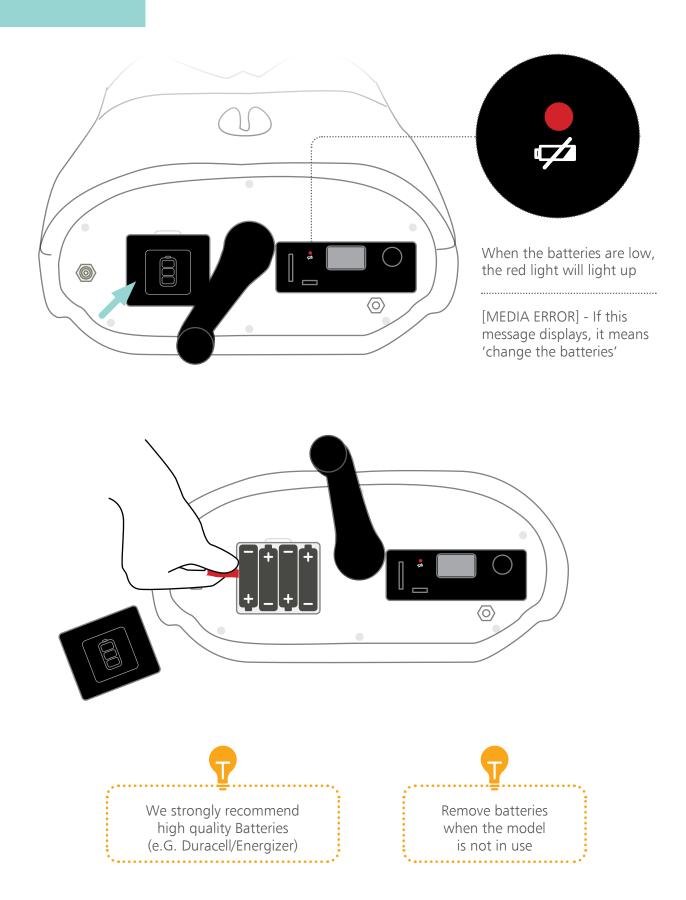


Hard & soft variations

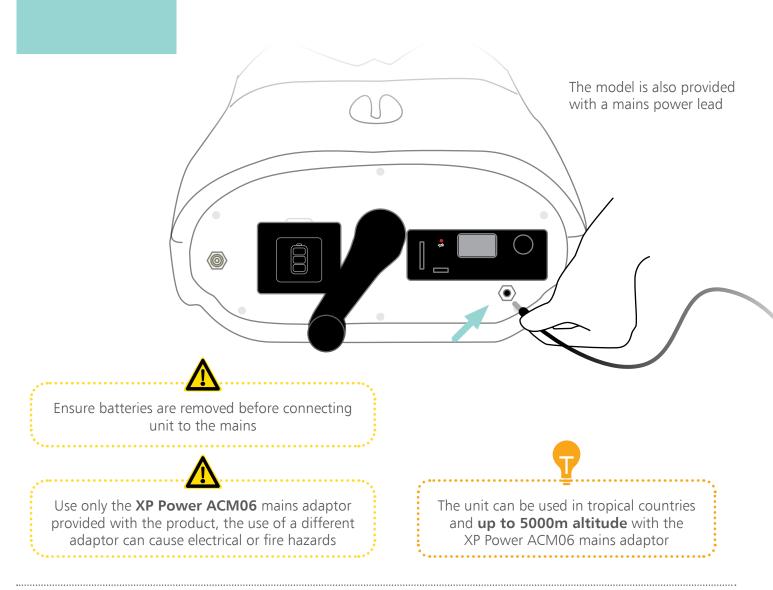


Each pathology/mass has 2 pegs on the bottom which can be lined up with the holes on the Organ Locator

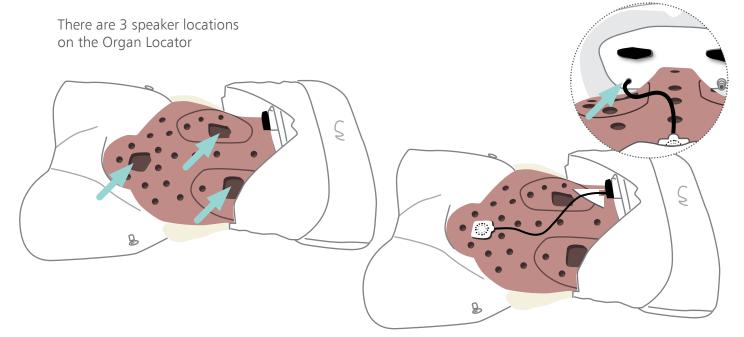


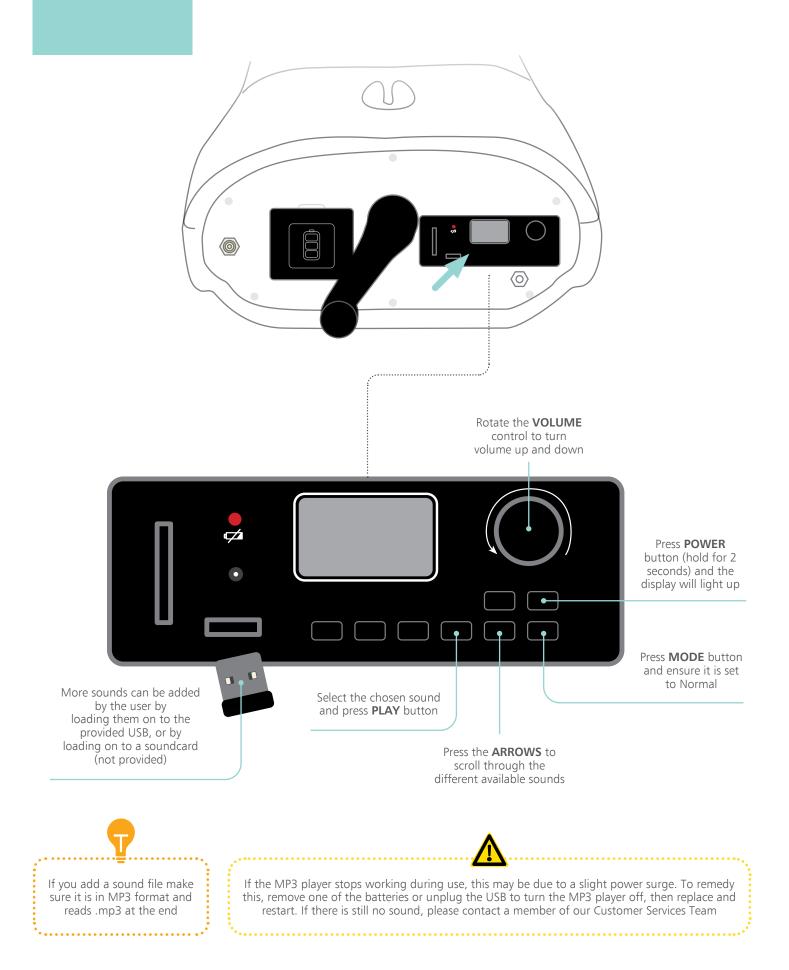


USING MAINS POWER



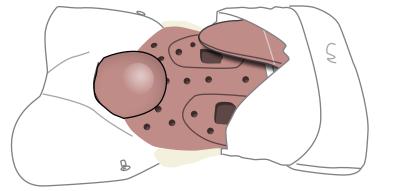
SPEAKER & MP3 PLAYER

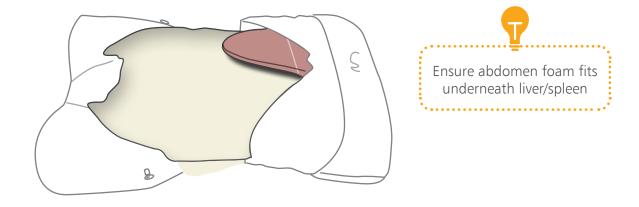




INSERTING THE ABDOMINAL WALL

Once the model has been set up with the relevant organs, the **ABDOMINAL WALL** needs to be inserted



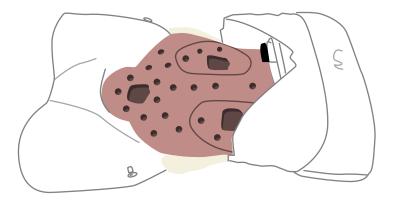


ATTACHING THE RECTUS BAG

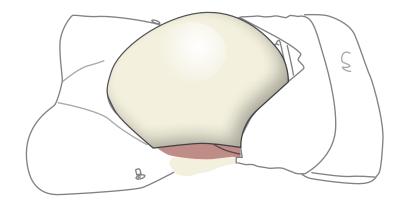
Attach **SKIN** as per previous instructions (P. 8)

ASCITES SET UP

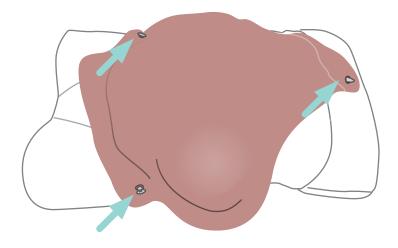




Place the **DISTENSION FOAM** on top of the Organ Locator



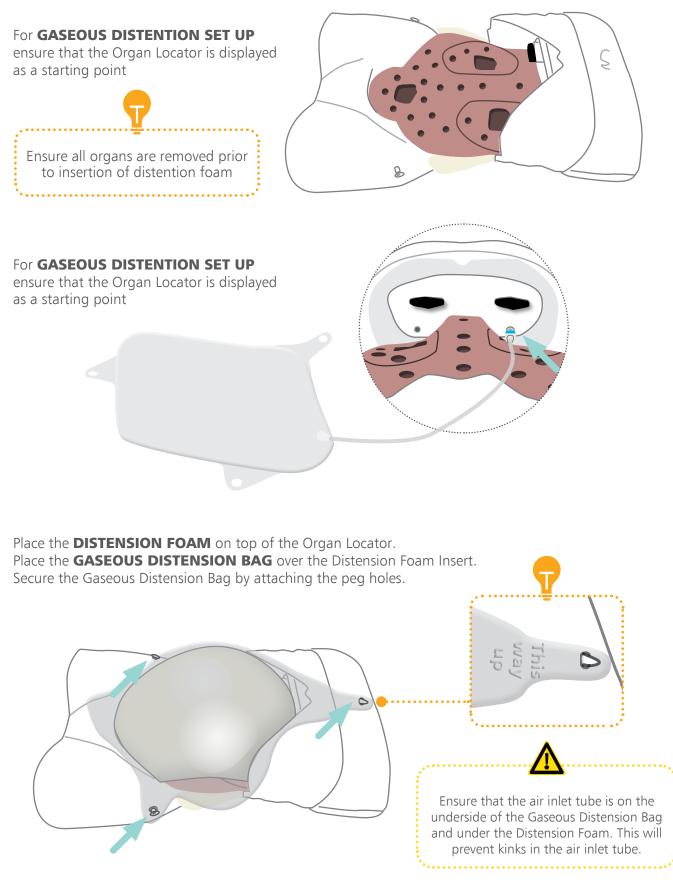
Put the **ASCITES BAG** on top of the Distension Foam Insert



Attach **SKIN** as per previous instructions (P. 8)



GASEOUS DISTENSION

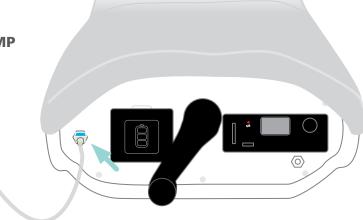


Attach **SKIN** as per previous instructions (P. 8)

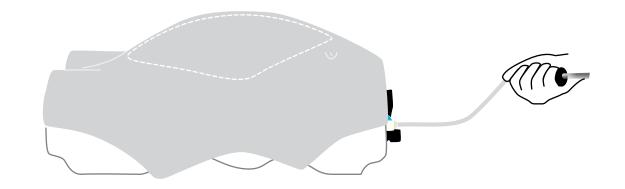


GASEOUS DISTENSION

Attach the blue connector from the **PUMP**



Once connected inflate the Gaseous Distension Bag with the pump. **6-8 PUMPS** (in and out as 1 pump)



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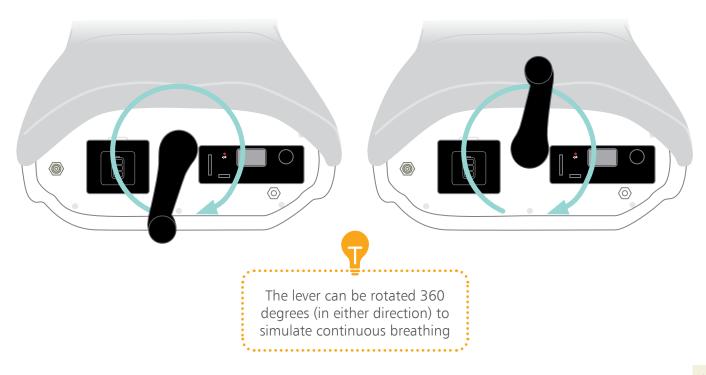
Disconnect the pump from the model after inflating or the Gaseous Distension Bag will deflate itself



USING THE BREATHING MECHANISM

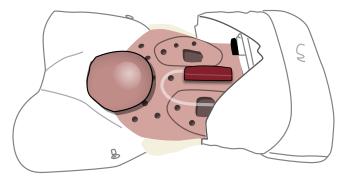
When the lever is rotated to a downward position, the model simulates the patient breathing in (inhaling)

When the lever is pointed upwards, the model simulates the patient breathing out (exhaling)

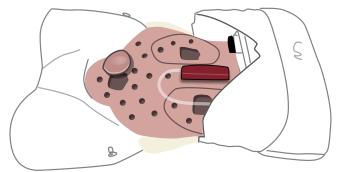


EXAMPLES OF SET UP FOR SCENARIOS

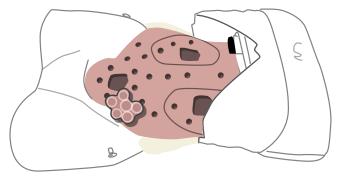
ACUTE URINARY RETENTION - BLADDER



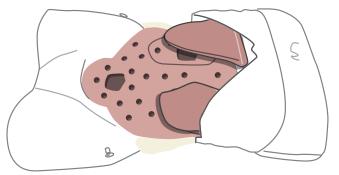
OVARIAN CYST - SMOOTH SOFT MASS



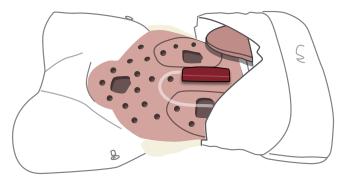
CARCINOMA ON MASS IN LEFT ILIAC FOSSA



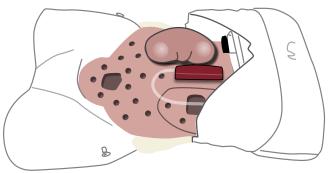
LYMPHOMA



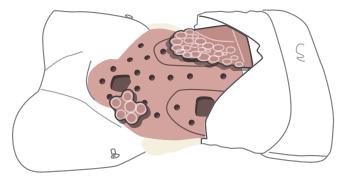
SLIGHTLY ENLARGED LIVER



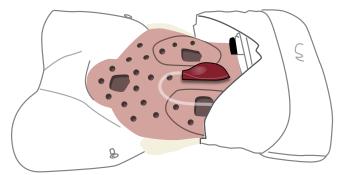
ENLARGED KIDNEY



CARCINOMA WITH LIVER METASTASIS



AORTIC ANEURYSM





Use mat on flat surface

AUGMENTED REALITY TRAINING (ART)

for your Abdominal Examination Traine

DO's

Follow all instructions.

Heed all warnings

Keep these instructions.

Only use attachments/accessories

specified by Limbs & Things

SAFETY & CLEANING INSTRUCTIONS

Read the safety instructions carefully before using your ART Mat

DON'Ts



Do not install near any heat sources, do not expose the product to flames or use near naked flame sources. Do not use flammable solvents near or on this product

_ _ _ _

Do not set up the product near electrical appliances or items damaged by water





Do not cover the graphic of the mat with other items

Do not move the mat with a model on top of it

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _





Refer all servicing to qualified service

personnel. Servicing is required when

the apparatus has been damaged

Store rolled up with print on the outside

STORAGE



Don't fold



Don't place heavy objects on top

CLEANING



Can be cleaned with water, soap and non-alcoholic cleaning agents



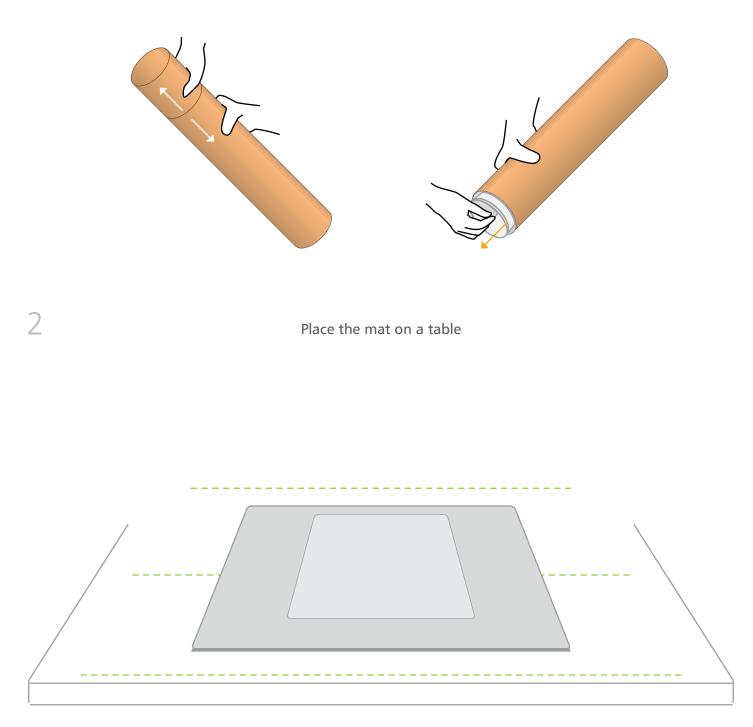
Avoid abrasive and alcoholic cleaning agents



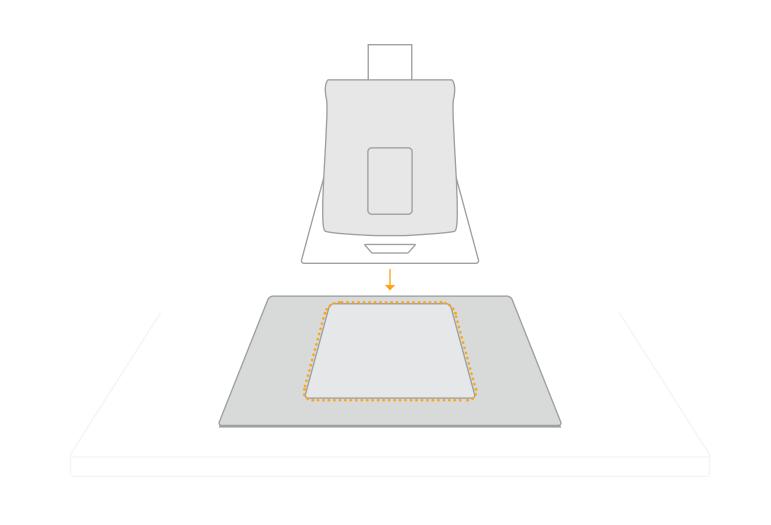
Make sure mat is dry before storing

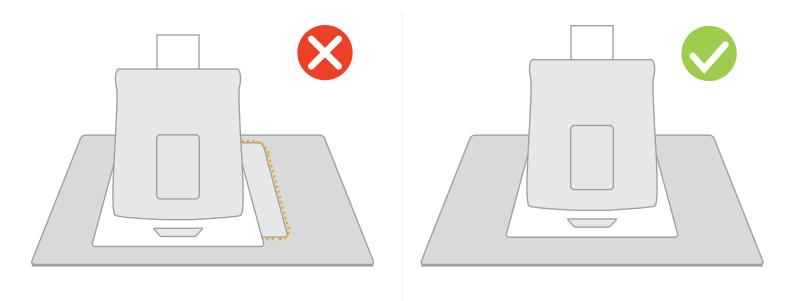
1

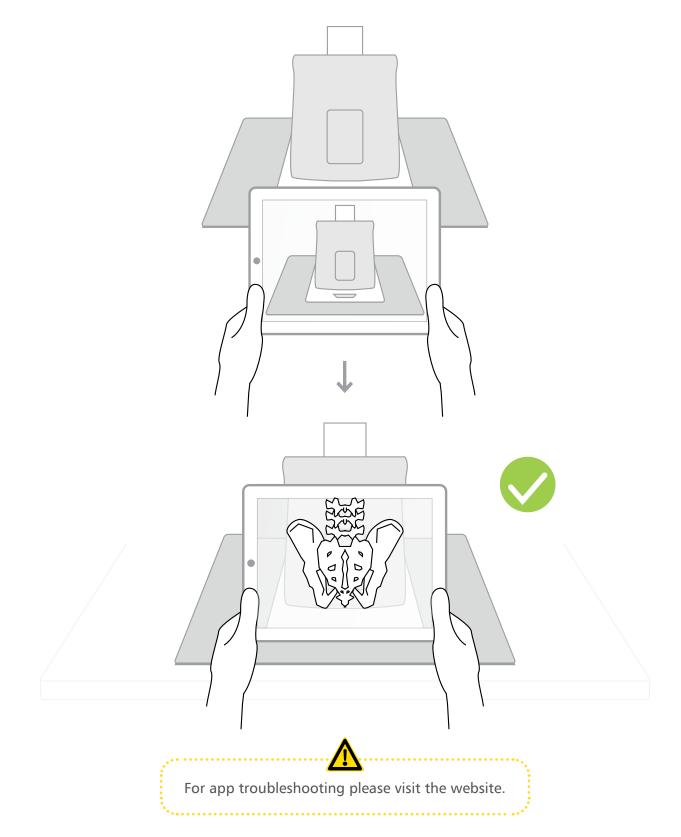
Take the mat out of tube



Note: Diagrams are for illustrative purposes, your product may differ from the example shown







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Issue 06, September 2024 © 2024 Limbs & Things

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