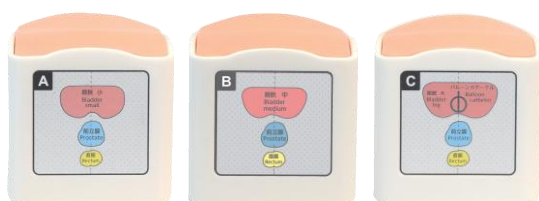


Rectal and Bladder Ultrasound Phantom

● Product Supervision

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Instruction Manual

Contents

| | |
|--|------|
| ● General Information | P. 1 |
| ● Preparation, Imaging, Clean-up | P. 2 |
| ● Training - Anatomical Images | P. 3 |
| ● Training - Ultrasound Images | P. 4 |
| ● Training - Probe Placement | P. 5 |

This Rectal and Bladder Ultrasound Phantom can be used with a real ultrasound device.

※For effective training, use a calibrated ultrasound device.

※This phantom is meant for use in medical training.

Please do NOT use this phantom for other purposes than the intended.

● Specifications

- This phantom is made of a material that has very similar properties to the human body.
- Includes residual stool inside the rectum, as well as bladder, prostate and pubic bone.
- Scan the bladder (small / middle / large with balloon catheter) and measure residual urine volume.
- The rectum (hard stool / soft stool / hard and soft stool, empty rectum) can be viewed.

General Information

Set includes

Please make sure all parts are included.

- a. Unit A 1
- b. Unit B 1
- c. Unit C 1
- d. Talcum powder 1
- e. Instruction manual..... 1
- f. Storage case..... 1



⚠ Caution

● Handle with care

This phantom is made from a special composition of resin. Please handle with care to avoid any damage.

● Cleaning and Care

Please clean the phantom completely every time after finishing the training. Any remaining gel may deteriorate the phantom.

** Never wipe the phantom with thinner or organic solvent.*

● Do not leave printed documents on the surface

Ink may stick to the phantom and will be irremovable.

● Discoloring may occur

This phantom may change color over time. This does however not impact the performance.

● Do not write on the phantom

Any ink on the phantom will be absorbed and become irremovable.

● Correct storage conditions

Keep the phantom at room temperature, away from heat, moisture and direct sunlight.

1 Preparation



① Place the body and phantom on a stable surface.



② Put ultrasound gel directly on the phantom.

2 Imaging



① Apply the probe to the phantom.

② Scan for the rectum, bladder and prostate.

| type | rectum | bladder |
|--------|-----------------------------|-------------------------------------|
| A type | hard stool | small (150ml) |
| B type | soft stool | medium size (200ml) |
| C type | hard and soft stool / empty | large (300ml) with balloon catheter |

3 Clean-up

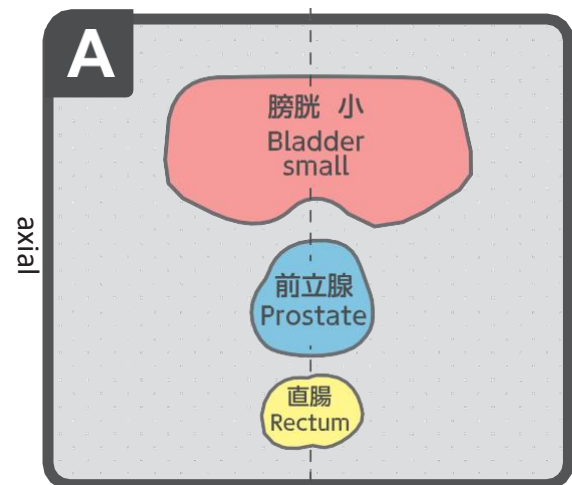
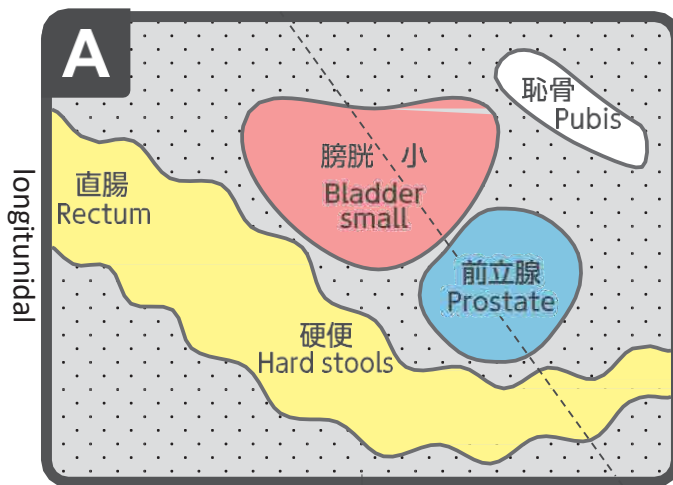


① Wipe remaining gel off with a wet tissue or similar.

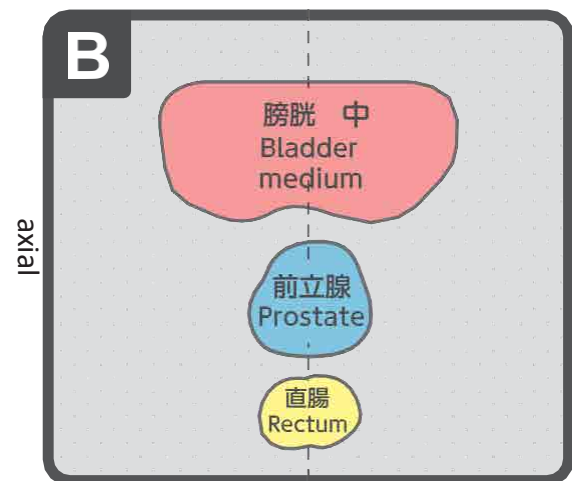
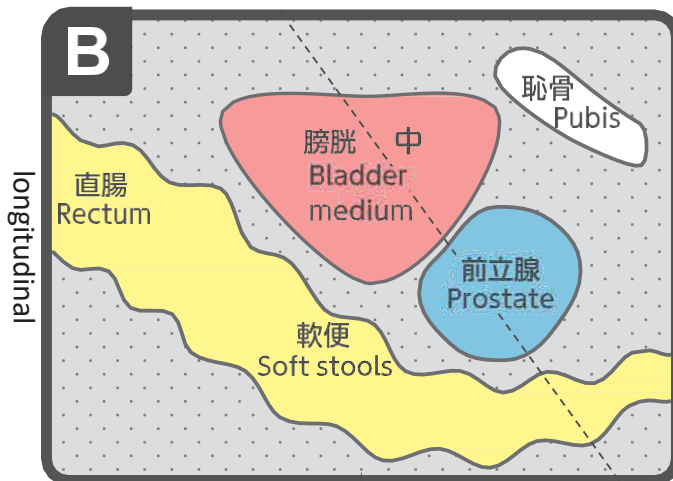
※ dried up gel left on the phantom may damage the phantom surface and affect the image quality

※see the next page for ultrasound images

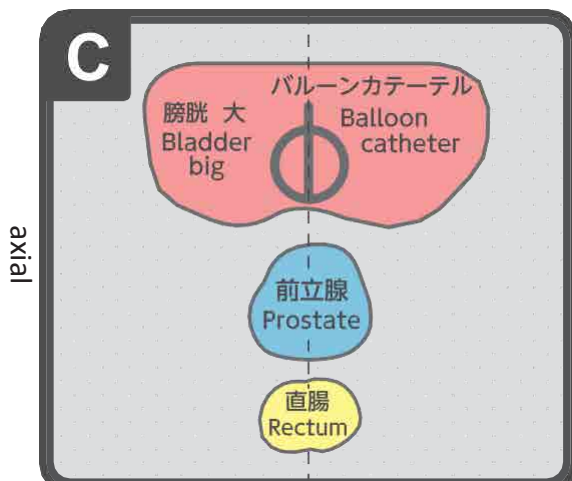
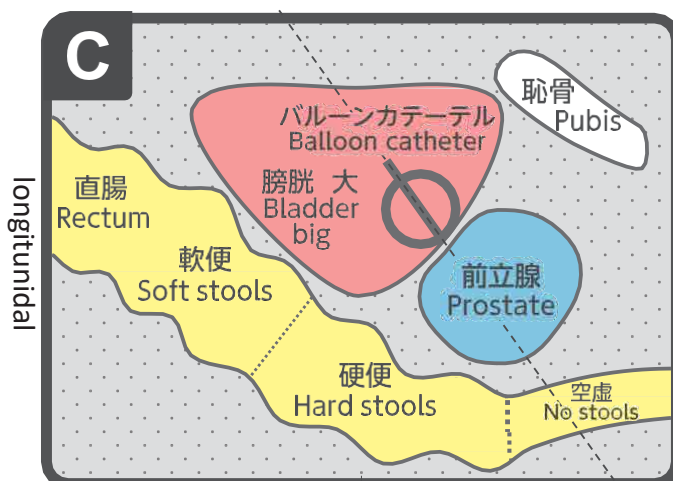
A type



B type



C type



※ see next page for probe placement

A type

longitudinal

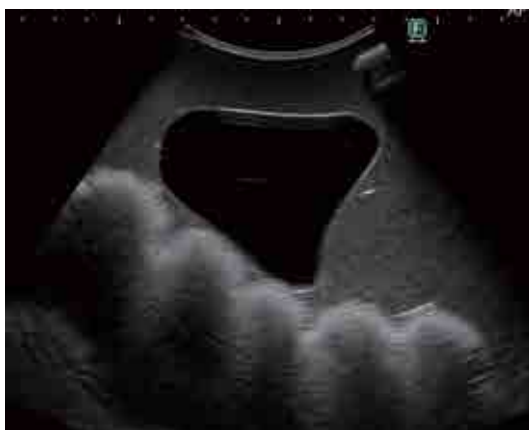


axial



B type

longitudinal



axial



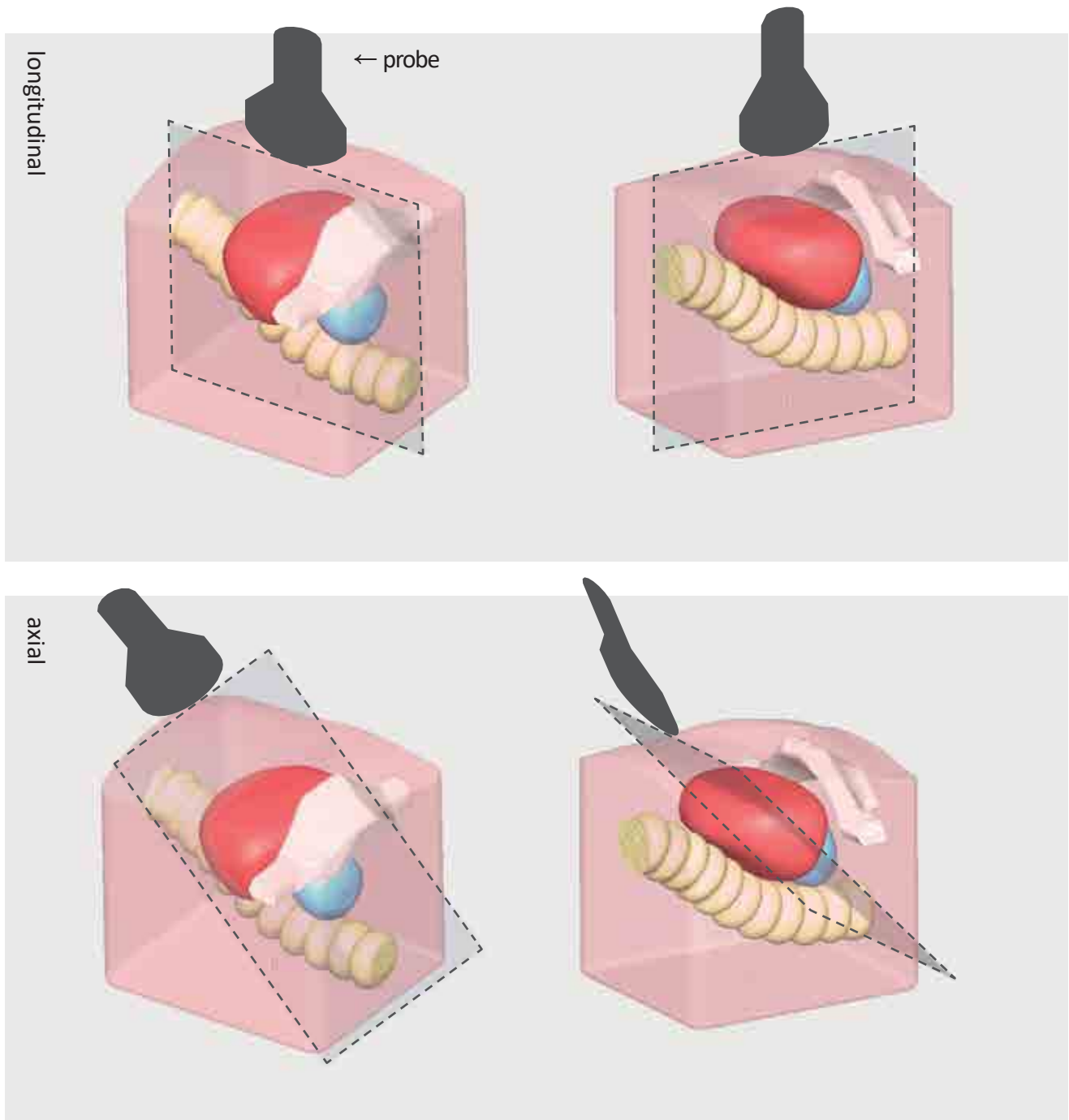
C type

longitudinal



axial





**Caution**

Do not place any printed materials on the phantom. The ink will be absorbed by the material and become irremovable.

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Please contact manufacturer with any discrepancies, typos, or mistakes in this manual or product feedback. Your cooperation is greatly appreciated.



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Dear customer,

Note

Thank you for choosing our ultra sound phantom.

There may be a case that the surface of phantom is in a wet condition.

The ultra sound image will not be affected. In such case, wipe the surface with medical use alcohol. **Do not wipe the surface with strong solvent such as benzene.**

If you have any questions regarding this matter, please do not hesitate to contact us at any time.

Faithfully yours,

Kyoto Kagaku Co., Ltd.

Email: rw-kyoto@kyotokagaku.co.jp