

# Inspection and Palpation of Breast Cancer Training Model (Precision Type)

LM-018

## Instruction Manual

Thank you for purchasing the LM-018 Inspection and Palpation of Breast Cancer Training Model (Precision Type).

Please read this instruction manual carefully to ensure correct use of the product, and store it in a safe place for easy access.

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## Handling and Safety Precautions

**These precautions should be strictly observed in order to ensure safe, long-term use of the product.**

### **The following precautions should be observed particularly strictly**

1. The model is made using special silicone rubber to simulate the texture of human skin, and may be damaged if excessive force is applied. We recommend handling the model carefully, in the same manner as an actual person.
2. Do not use oil pens or paints on the surface, as they may cause permanent staining.
3. Do not wash the model.

### **Caring for the model after use:**

1. If the surface becomes dirty, wipe with moist gauze or another soft cloth using a neutral solvent diluted with water.
2. To clean more difficult-to-remove smudges or marks, wipe with moist gauze or another soft cloth using sterilizing ethanol.
3. Do not use thinners, benzene or similar solvents.
4. To prevent the model from becoming misshapen, always place it in the correct position for storage.
5. Store the model in a place where it will not be exposed to direct sunlight or UV rays.

1. The contents of this instruction manual are subject to change without notice.
2. This instruction manual may not be reproduced in part or in its entirety without permission.
3. Please contact the manufacturer in the event that any errors or omissions are found in the contents of this instruction manual.
4. This product should be used only as described in this instruction manual. In particular, the product should not be used in any way that contravenes the precautions noted in the instruction manual.

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# 1. Outline and Features

## Outline

The incidence of breast cancer is high in women in the prime of their life. Should breast cancer develop, cancer cells can readily enter the bloodstream and spread throughout the whole body.

If detected and treated at an early stage while still localized, the chances of complete recovery are very high. Since the breast is an organ located close to the body surface, any change that develops on the skin can be seen and changes in the breast can be palpated.

Based on these characteristics, we developed this model so that changes in the skin that appear with breast cancer can be understood and knowledge of breast cancer symptoms can be acquired through visual inspection. Most breast cancers are detected by palpation of a "lump". The smaller the lump, the more readily it heals after treatment. From this perspective, careful self-examination every month is recommended in addition to professional examination by a doctor. If a lump or mass is detected, a specialist should immediately be consulted. This model is a teaching aid for detecting breast cancer symptoms and for training women in self-examination.

## Features

The size and texture of the model is made to be as realistic as possible. Pathological symptoms such as lumps and skin changes may be slightly exaggerated in the model, but the conditions and feel of the lesions are created with the utmost accuracy. This model offers an ideal educational tool for medical students, nursing students and health nurses.

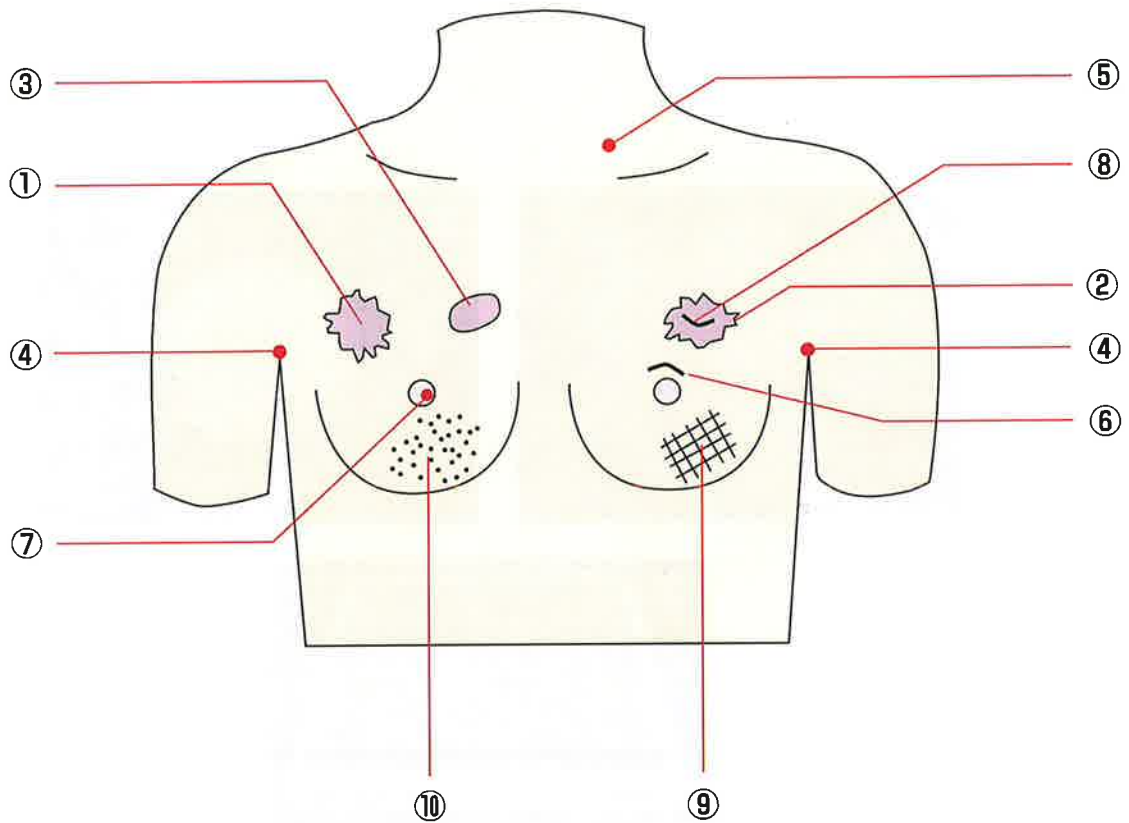
The model can be effectively used as a teaching tool for self-examination of breast cancer by the general public through mass screening and for training in detection of breast cancer (intermittent breast cancer) outside the doctor's office.

## 2. Components



Names of the Components	Quantity
① Inspection and Palpation of Breast Cancer Training Model main body	1
② Baby powder	1
③ Storage case	1
Instruction Manual (this document)	1

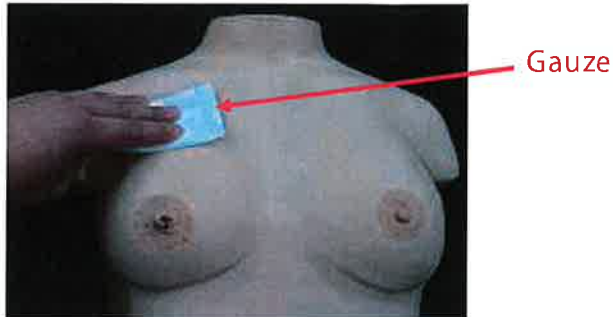
### 3. Description of parts



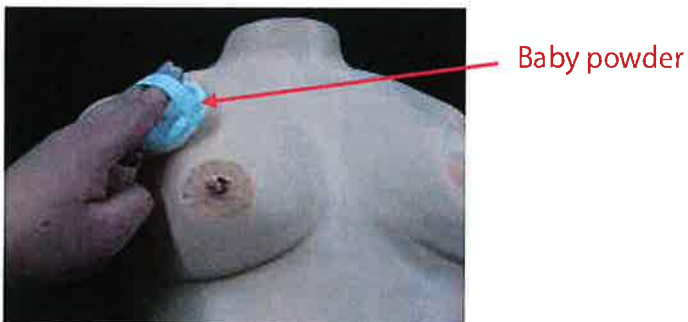
Symptom	Number	Description
Lumps	①	Hard lumps. Cancer is suspected due to the irregular surface.
	②	
	③	Soft lump. Cancer is suspected after palpation
Lymph node metastasis	④	Lymph nodes in the axillary region (armpits)
	⑤	Hard lymph node in the neck
Nipple changes	⑥	Displacement or depression of the nipple
	⑦	Eczematous change (sore) [Paget's cancer]
Skin changes	⑧	Skin dimpling
	⑨	Partial edema of the skin, "orange-peel" appearance
	⑩	Skin redness and swelling (inflammatory breast cancer)

## 4. Caring for the model after use

1) Wipe away dirt or smudges with gauze or another cloth. If very dirty, wipe with moist gauze using a neutral solvent diluted with water.



2) Pat the baby powder that came with the kit all over the model.



3) Place the model in the storage case as shown in the picture below. Position the model in the case so that the neck is facing the handle.



4) Close the lid of the case and store it in a well-ventilated location where it will not be exposed to direct sunlight or UV rays.

## 5. Specifications

	Length	Width	Height	Weight
Main body	Approx. 18 cm	Approx. 35 cm	Approx. 43 cm	Approx. 3.7 kg
Storage case	Approx. 22 cm	Approx. 42 cm	Approx. 47 cm	Approx. 3.5 kg