



Non-ECG Gated





FEATURES

The phantom represents movement of the heart, lungs and pulmonary nodule The pulmonary nodule and diaphragm move independently with the respiratory cycle

-Three dimensional movement of the pulmonary nodule (linearly and rotationally) -Motion disc represents respiratory movement of abdomen

The elastic heart represents systolic and diastolic motion The coronary arteries including stenotic examples are shown

-The phantom can be connected to ECG for ECG gating

ANATOMY

Synthetic bones of the chest Heart with coronary artery

| Diaphragm

DESCRIPTIONS

SET INCLUDES 1 drive unit

- nodule rotation unit 1 diaphragm block
 - chest phantom
 - 3 types of heart unit
- 1 set of simulated tumors (15 types) tablet PC
- 1 storage case
- manual

APPLICATIONS

Respiratory gating chest CT Tumor tracking in radiotherapy ECG gating cardiac CT

PATHOLOGY

Pulmonary nodule stenosis of coronary arteries

CONTROLLABLE PARAMETERS

Heart rate: 30-120 times/min | Ejection volume: 60, 70, 80, 90, 100ml ef rate: 30%, 35%, 40%, 45%, 50%, 55%, 60% Respiratory rate: 6-24 cycles/min Linear movement of nodule unit: 8-64mm / 0-1.5 in | Rotation range of nodule unit: 50-70 degrees

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