Pneumonia Classification

Instructions ▲

Overview

Help us determine if there are any signs of pneumonia in the images we provide.

Steps

1. Examine the image.
2. If there are signs of pneumonia in the image, check the appropriate box.
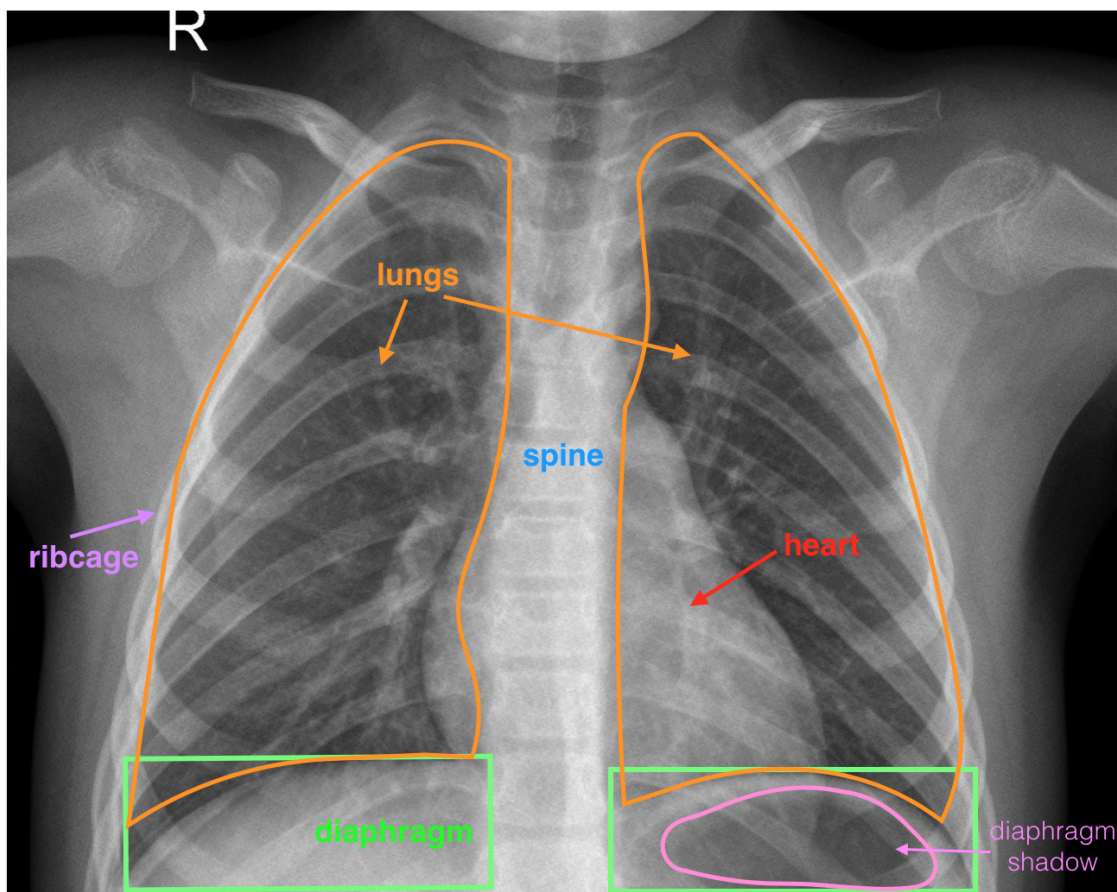3. If something looks different than expected mark Not Sure.

Rules Tips

Rules:

- Only look for Pneumonia.
- If there are multiple pneumonia signs present, you only need to mark it once.

Tips:
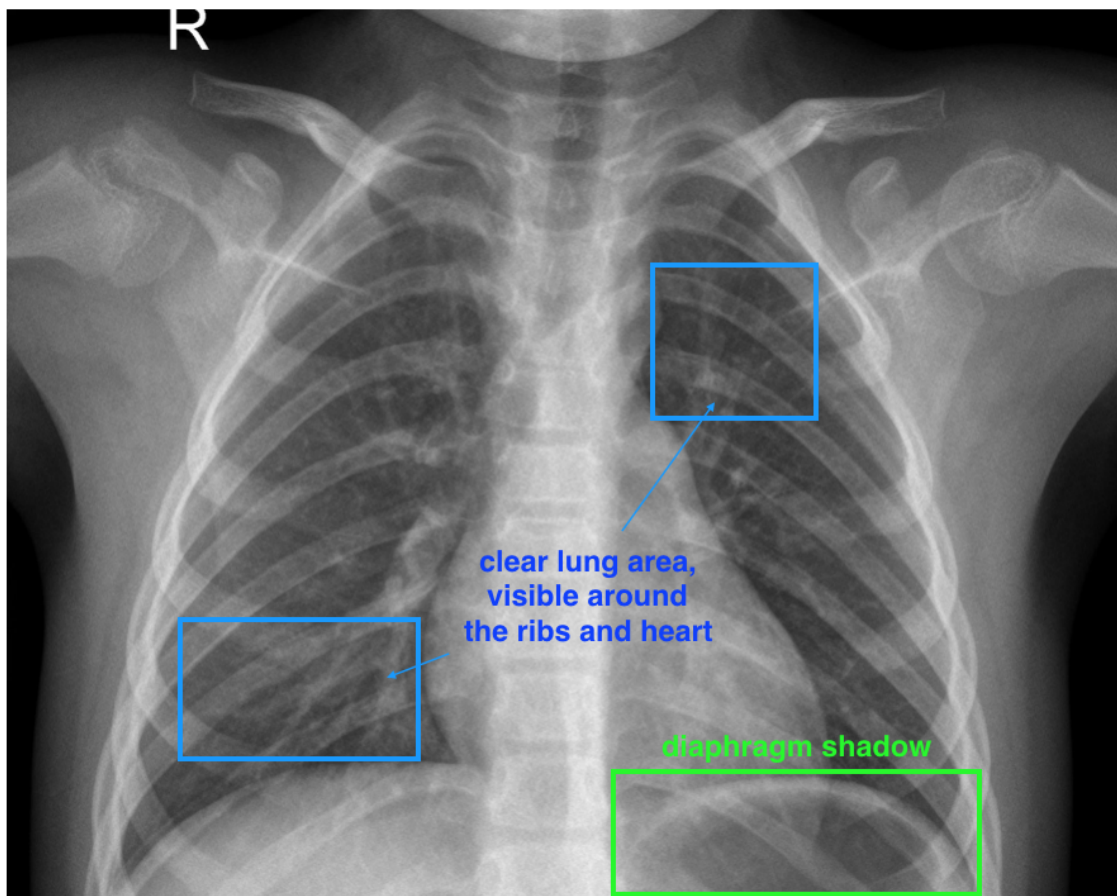
Analysis area.

It is very important to get familiar with the area you will have to analyze, pay attention to the lungs, the diaphragm and the heart areas and how each one of them cast a representative shadow in the image.
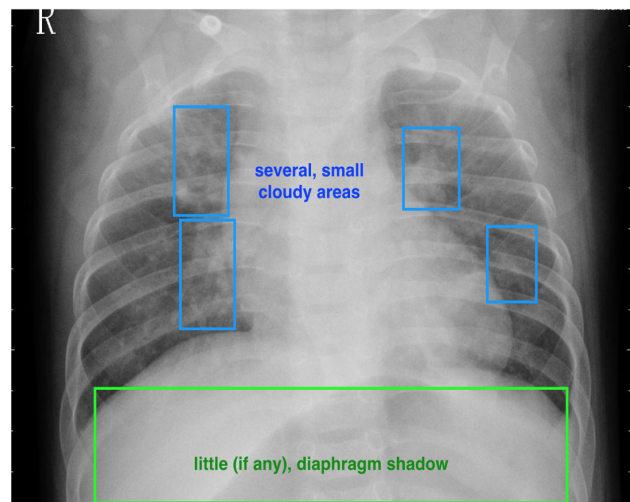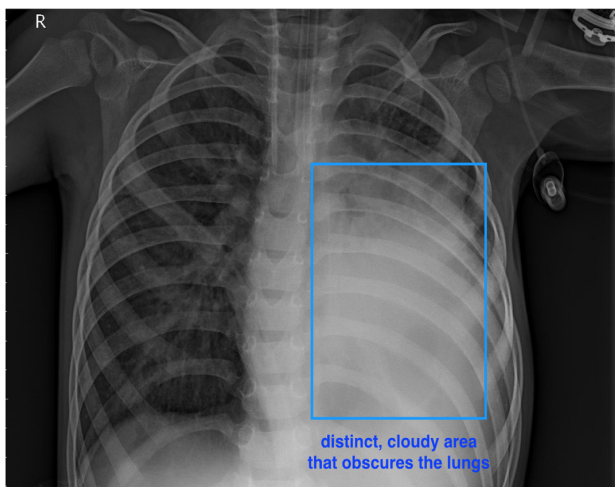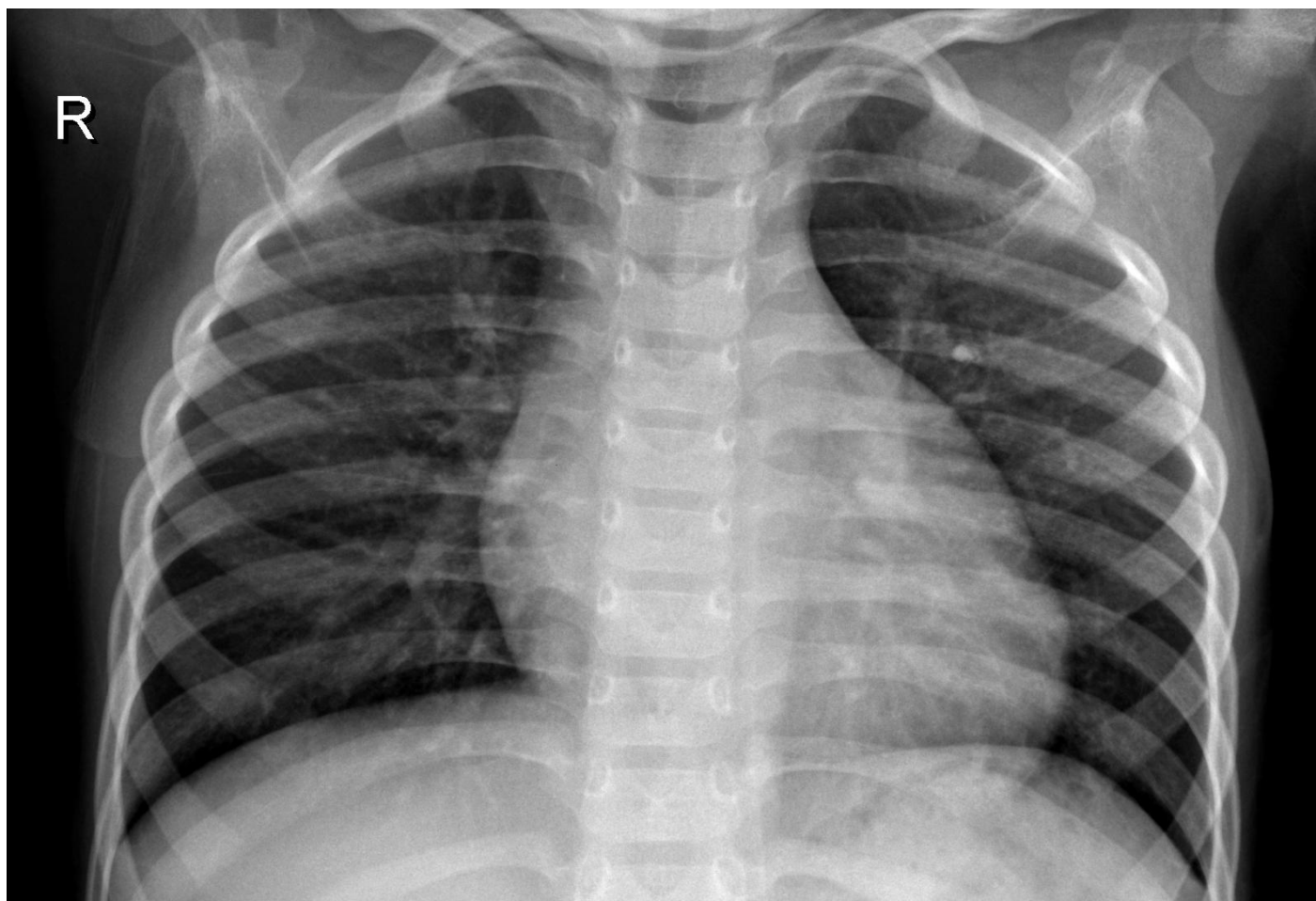
What Does Pneumonia Look Like?

- There are a few different visual symptoms that indicate pneumonia. The most important areas to have annotators pay attention to are the lungs, the diaphragm, and the heart areas.

- A **normal**, healthy image will depict clear lungs without any areas of abnormal cloudiness/opacity; there may be structured, web-like vasculature in the lungs but otherwise that area should be clear. In healthy images, you are also more likely to see a diaphragm shadow.
- **Example**: Some characteristics of a healthy image: a clear lung area.

- A **pneumonia** image may include a few things: areas of cloudiness/opacity in several concentrated areas or one large area. You may also see a general pattern of opacity that obscures the structure of the lungs, heart, and diaphragm.
- **Examples of pneumonia symptoms**: (Left) a concentrated, opaque area in the lungs, (Right) multiple, smaller opaque areas throughout the lung area and any diaphragm shadow is obscured.
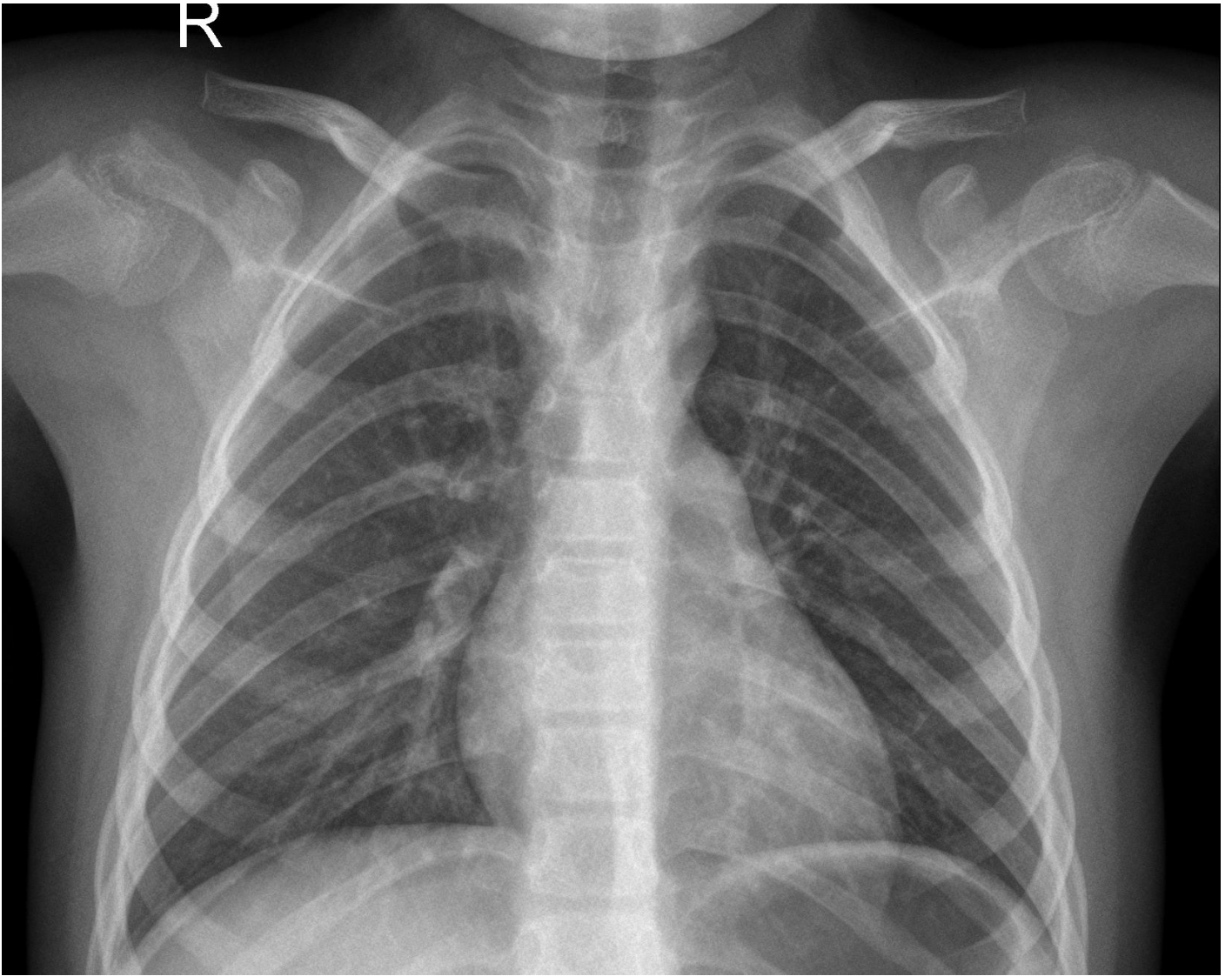
Examples

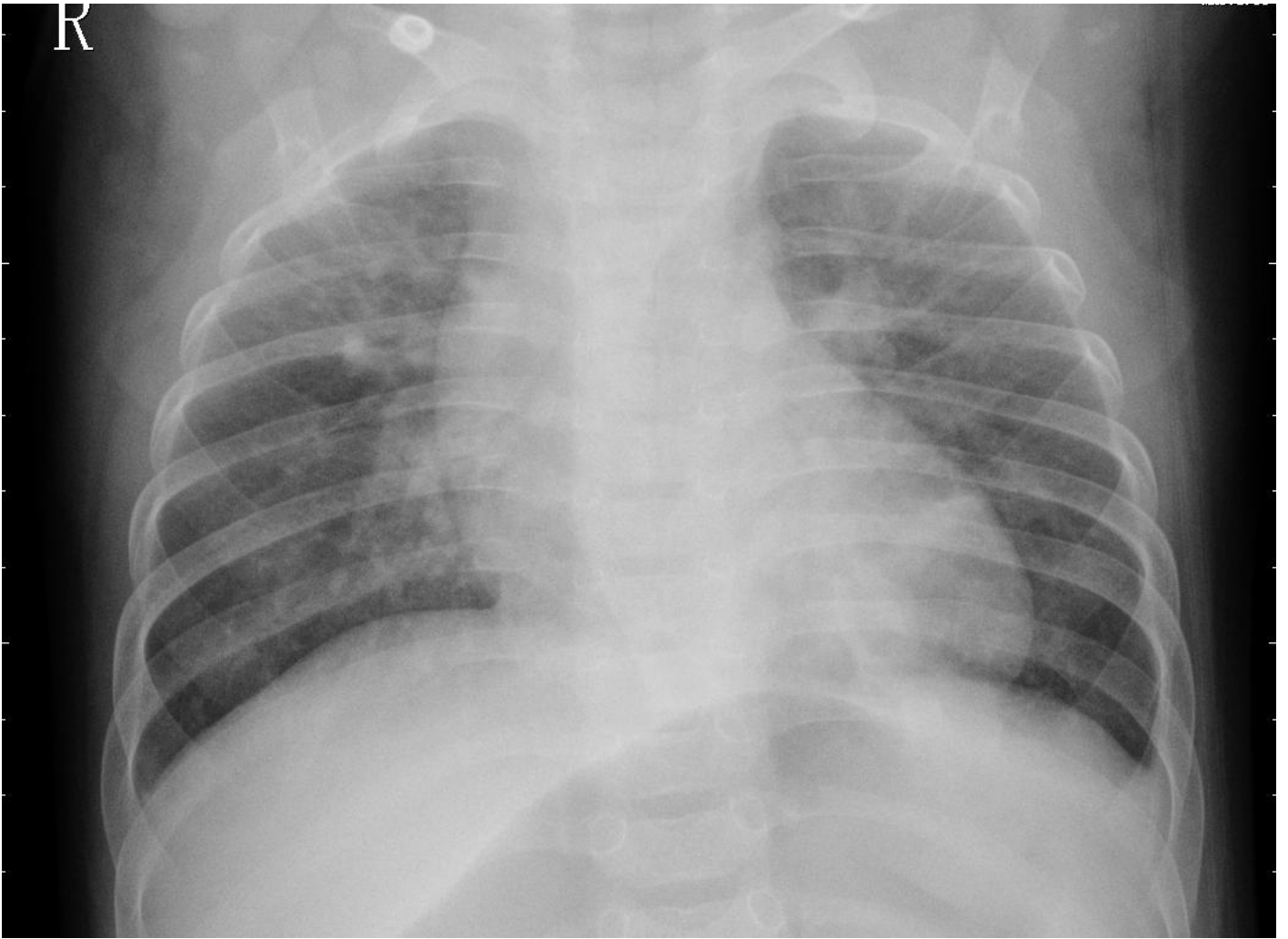**Are there any Pneumonia signs in this image? (required)**

○ Yes
◉ No
○ Not Sure

Are there any Pneumonia signs in this image? (required)
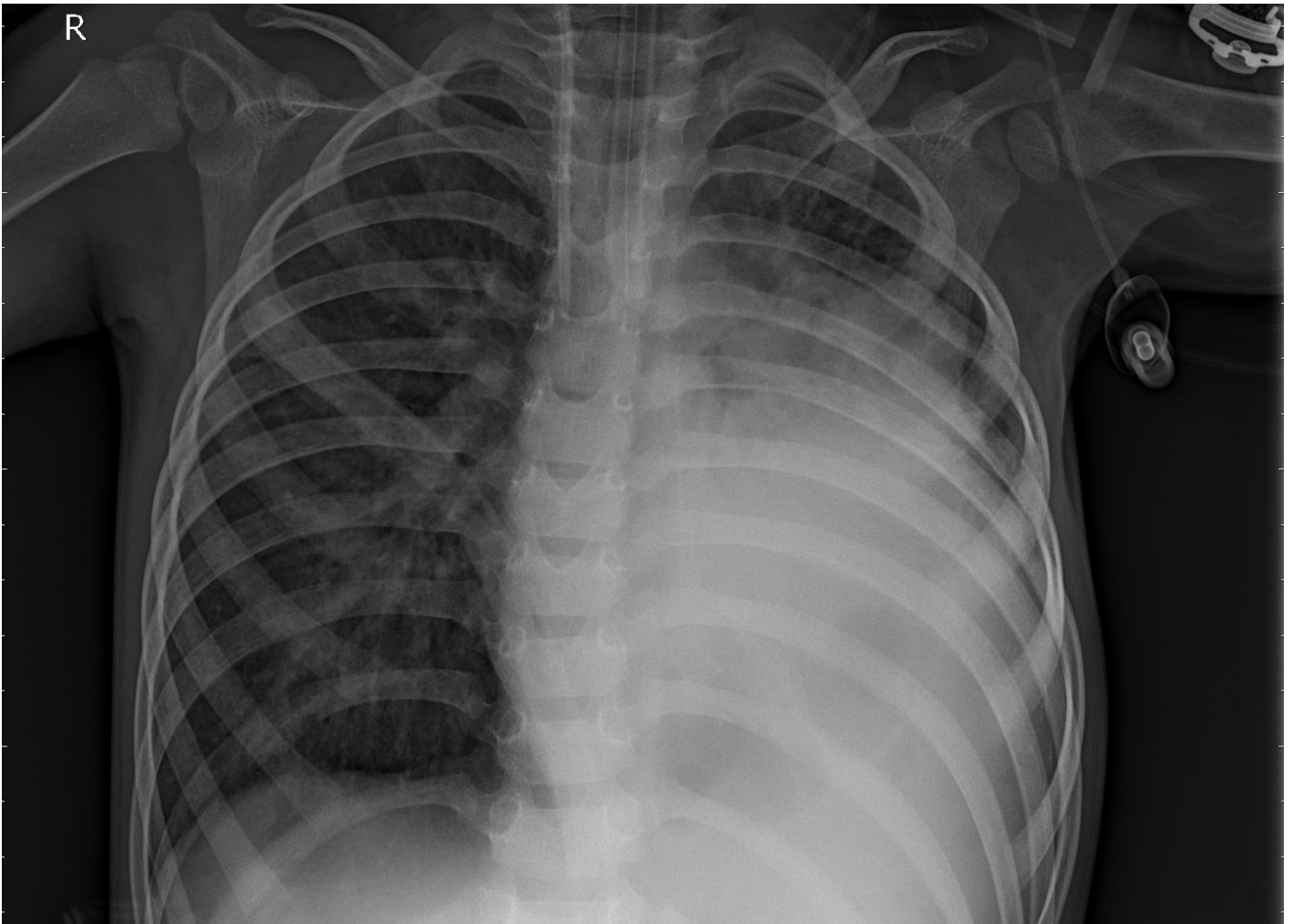
○ Yes
● No
○ Not Sure

Are there any Pneumonia signs in this image? (required)

- ⦿ Yes
- ◯ No
- ◯ Not Sure

How Confident are about your selection (1 Very low - 5 Very High) (required)

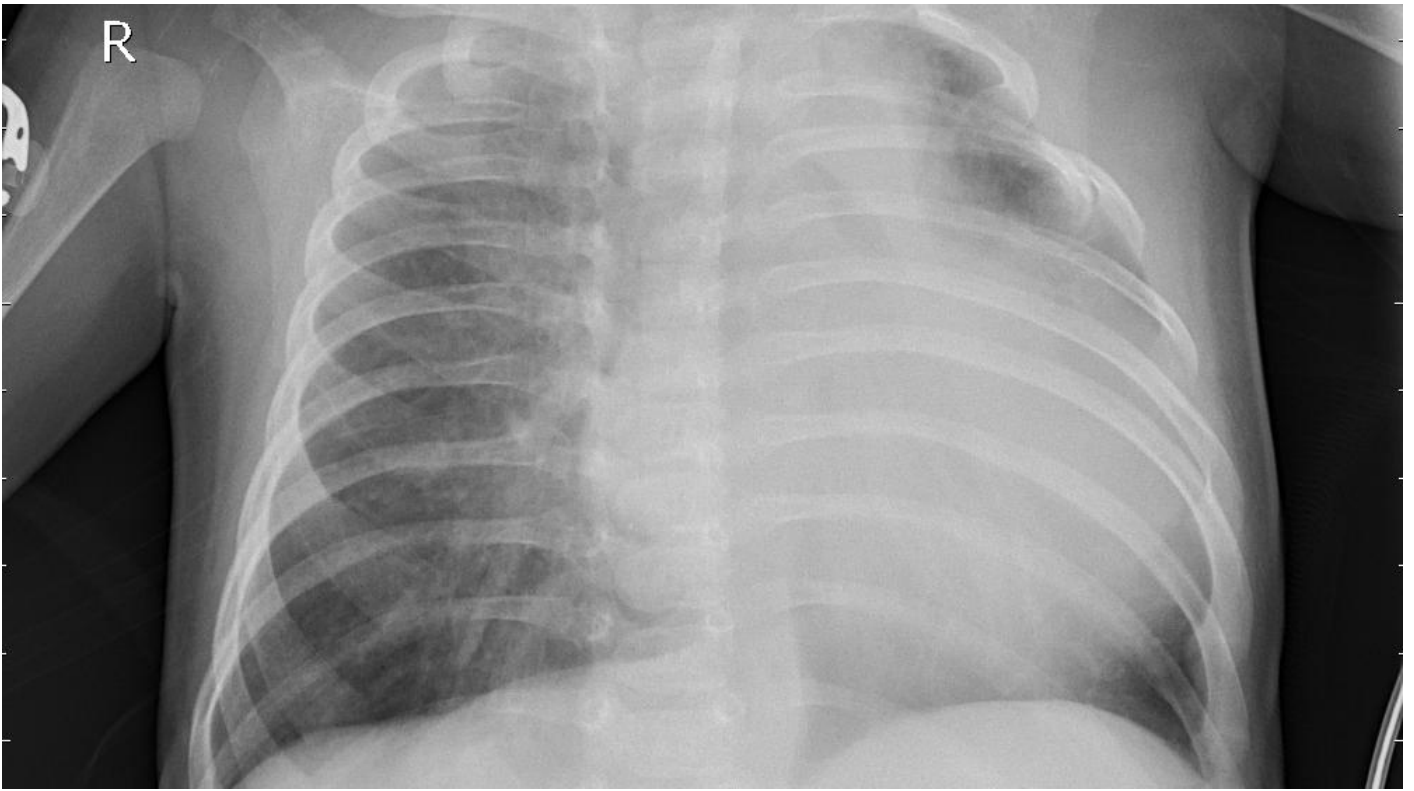| 1	2	3	4	5
◯	◯	◯	◯	⦿

Are there any Pneumonia signs in this image? (required)

- ● Yes
- ○ No
- ○ Not Sure

How Confident are about your selection (1 Very low - 5 Very High) (required)

1	2	3	4	5
○	○	○	○	●

Are there any Pneumonia signs in this image? (required)

- ◉ Yes
- ○ No
- ○ Not Sure

How Confident are about your selection (1 Very low - 5 Very High) (required)

1	2	3	4	5
○	○	○	○	◉

Validation succeeded

Test Validators

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