Image Categorization For Pneumonia

Instructions ▲

Overview

Help us determine if there is **pneumonia** in the images we provide.

Pneumonia is a common condition that hospitalizes more than 250,000 Americans per year, leading to the deaths of more than 50,000 deaths [CDC, 2019]. However, pneumonia is both preventable and treatable if detected early enough. Unfortunately, children and the elderly are the most susceptible to pneumonia. Our goal is to quickly identify and distinguish between healthy, mild, and severe cases while also providing a diagnostic aid for doctors and medical technicians.

Steps

1. Examine the image.
2. If there is **pneumonia** in the image, check the yes box. If there is no pneumonia detected, please check the no box. If it is not clear, check unknown.
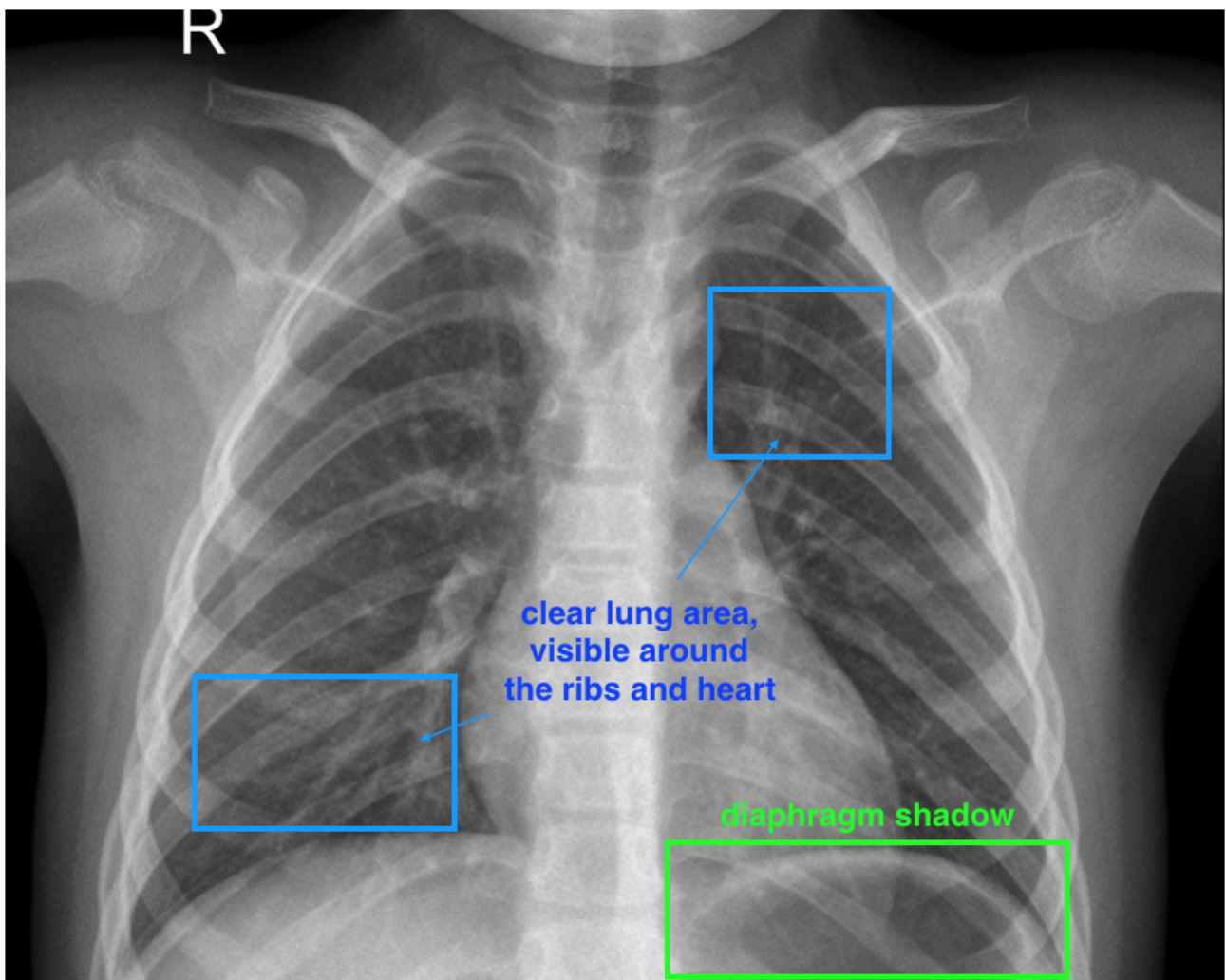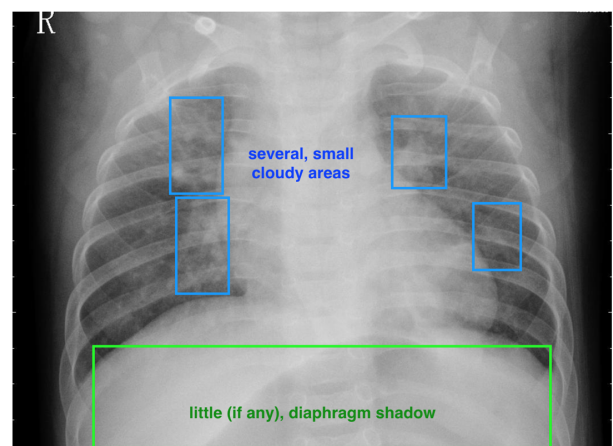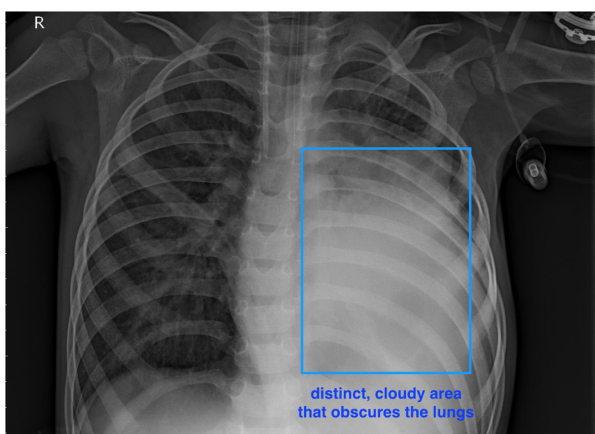
Rules Tips

Rules:

- Only look for the presence of pneumonia.
- If it is not clear whether or not pneumonia is present, please select unknown.

Tips:

- Please see the following images for more details regarding the presence of pneumonia.

Some characteristics of a healthy image: a clear lung area.

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

Is pneumonia present in this image? (required)
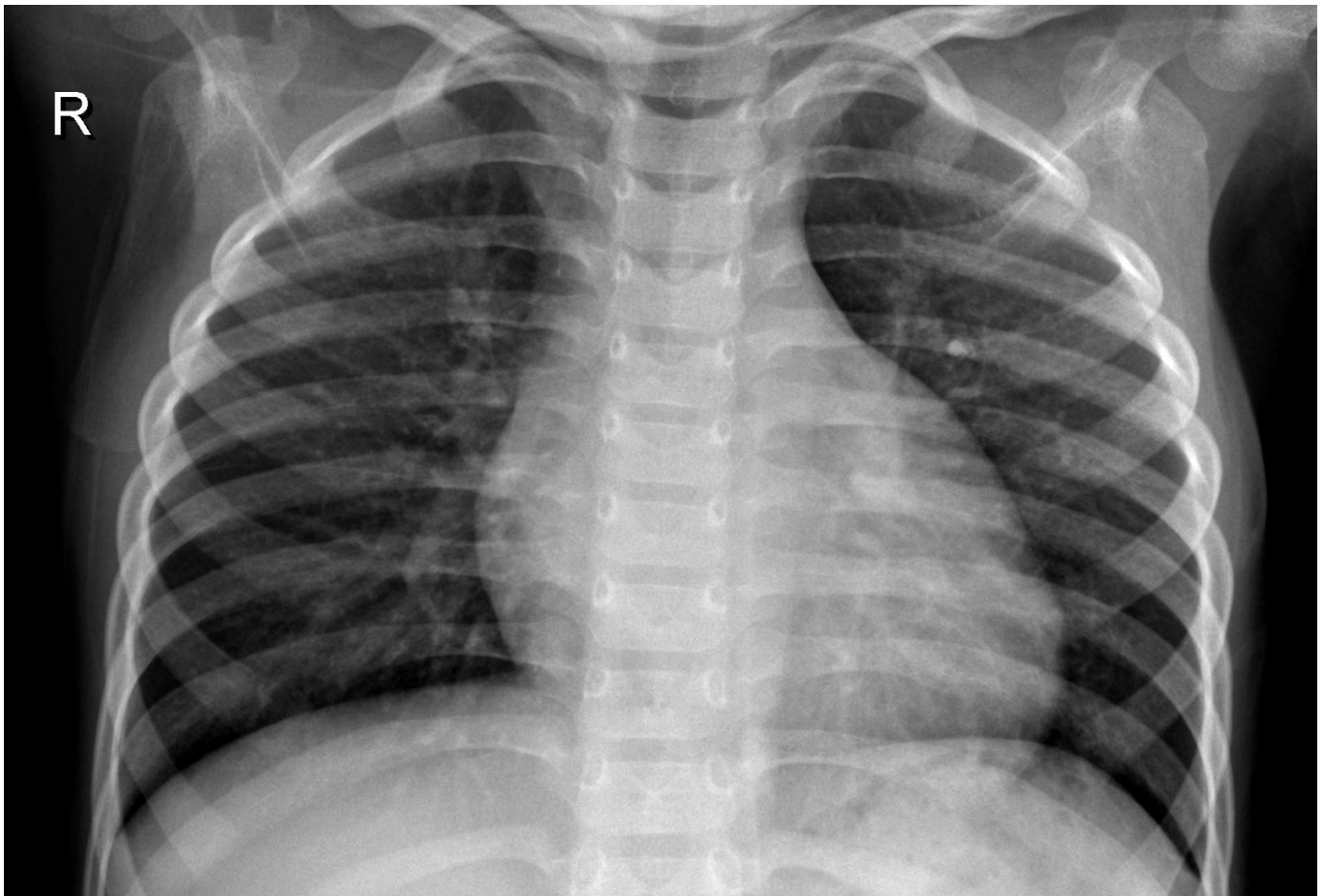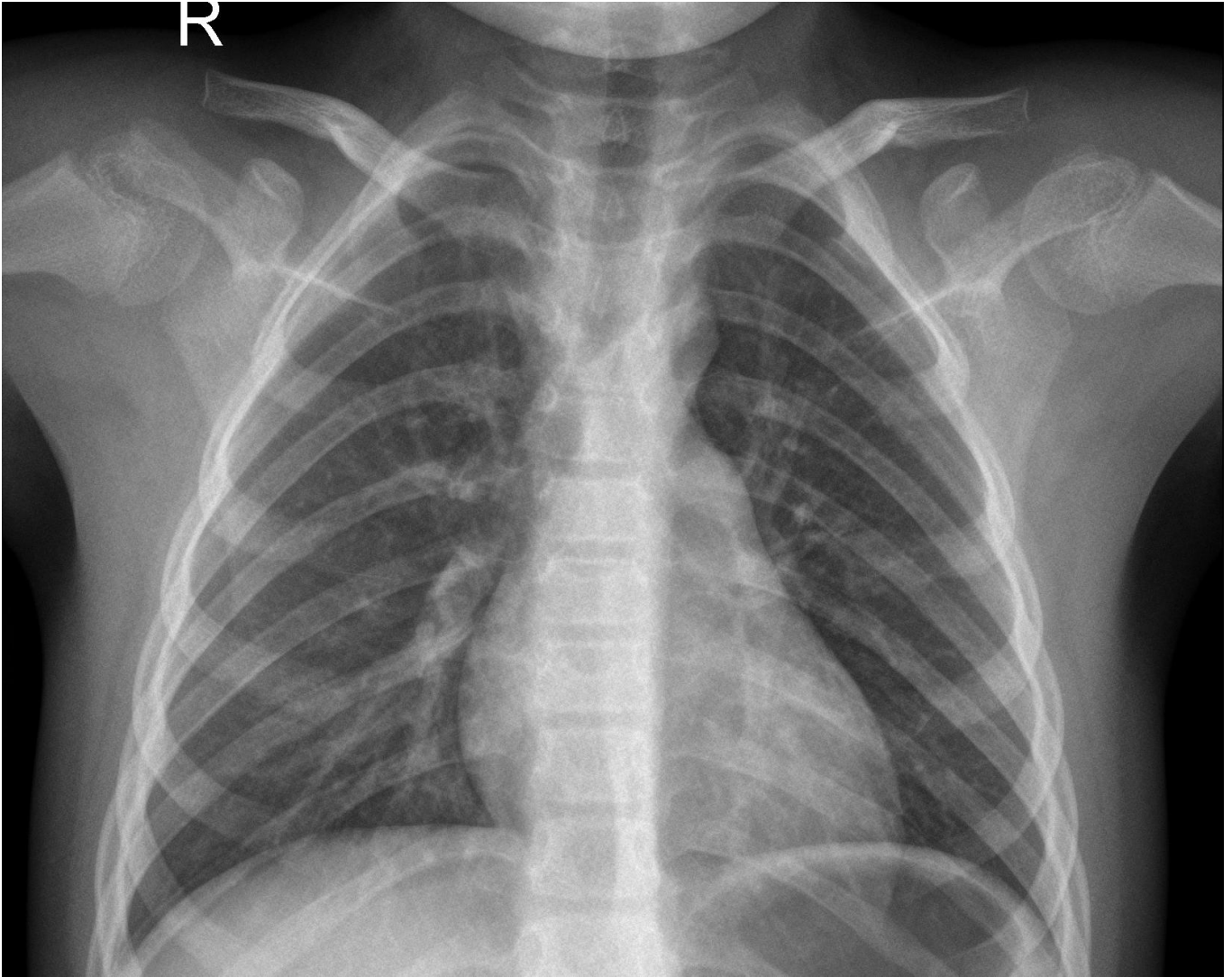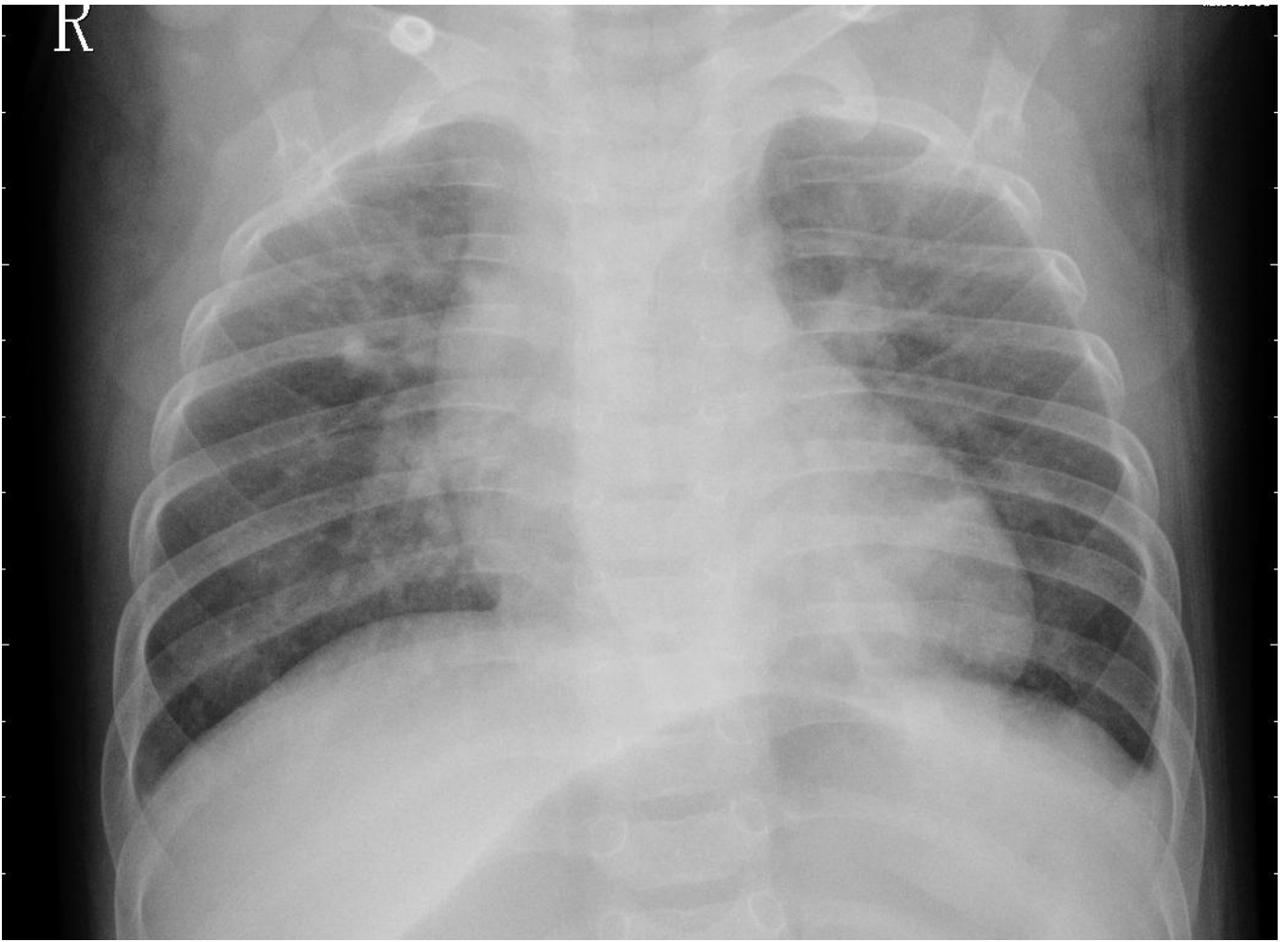- ○ Yes
- ● No
- ○ Unknown

Is pneumonia present in this image? (required)
- ● Yes
- ○ No
- ○ Unknown

Is pneumonia present in this image? (required)

- ○ Yes
- ○ No
- ⦿ Unknown

Is pneumonia present in this image? (required)

- ○ Yes
- ○ No
- ○ Unknown

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Is pneumonia present in this image? (required)

○ Yes
○ No
○ Unknown

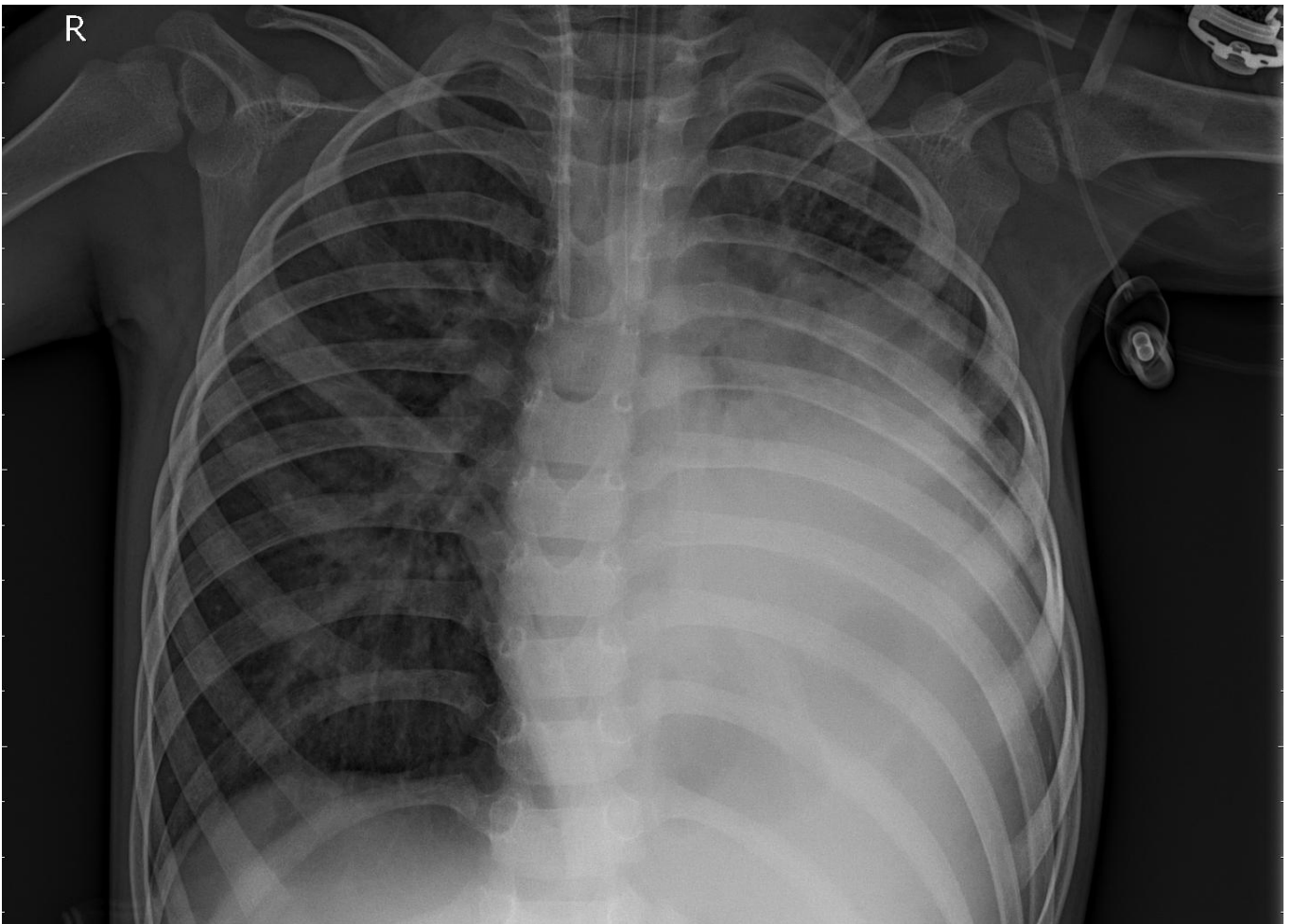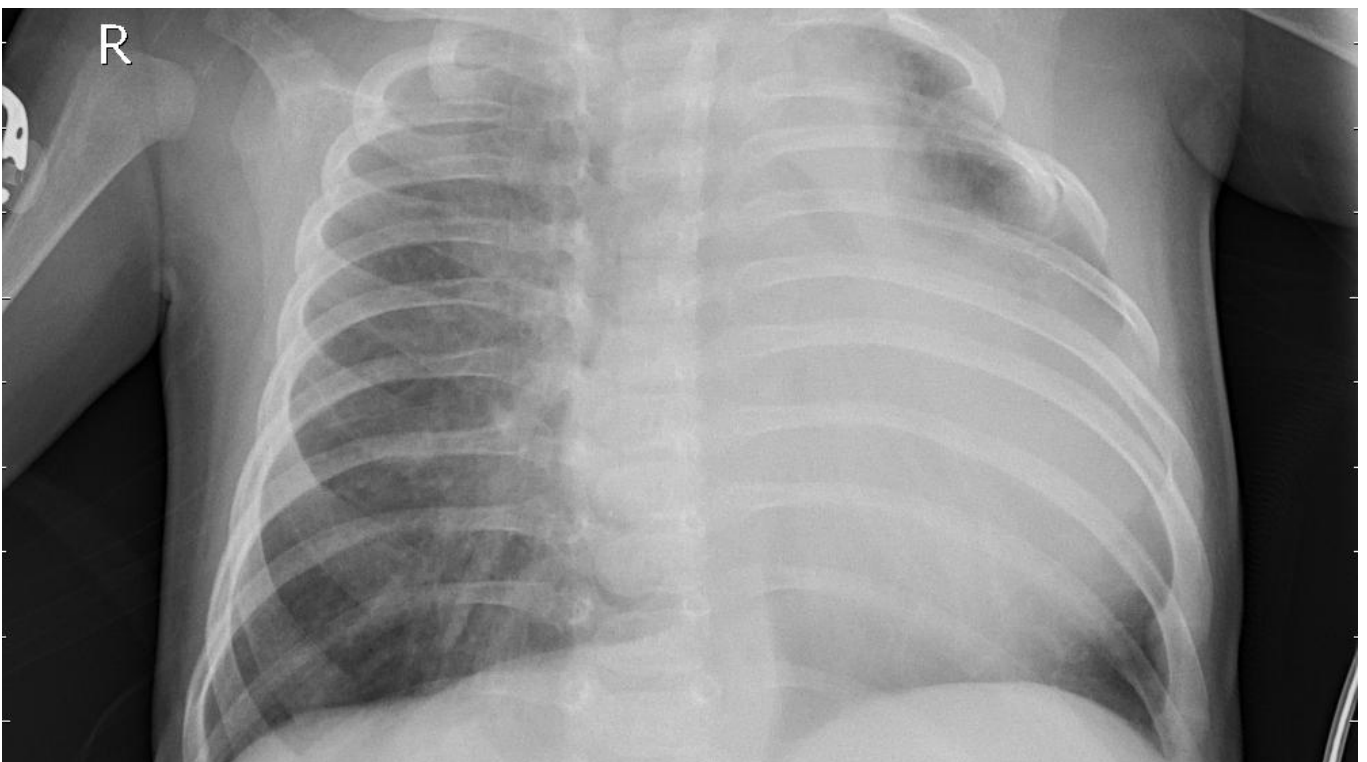**Is pneumonia present in this image? (required)**

○ Yes
○ No
○ Unknown

Is pneumonia present in this image? (required)

- ○ Yes
- ○ No
- ○ Unknown

Is pneumonia present in this image? (required)

- ○ Yes
- ○ No
- ○ Unknown

Test Validators

Is pneumonia present in this image? (required)

- ○ Yes
- ○ No
- ○ Unknown