Viewing and Analysing Images
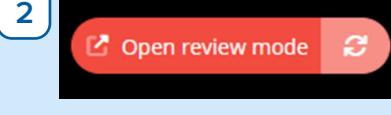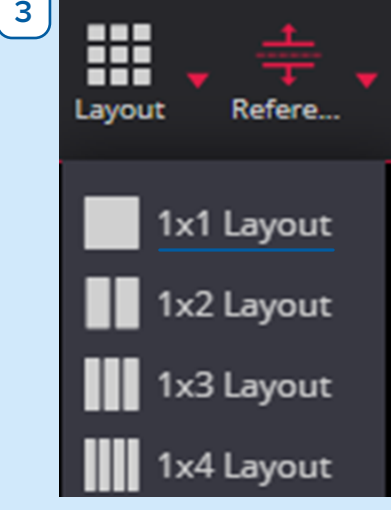
In Collective Minds Radiology

Viewing Images in CMRad:

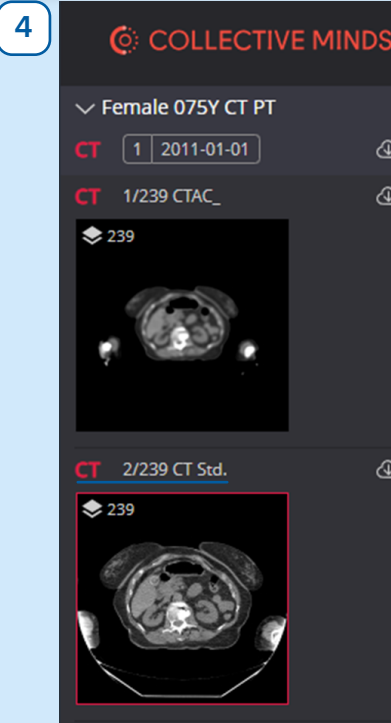**1** Click the **image link** from the **Academy's learning platform**.

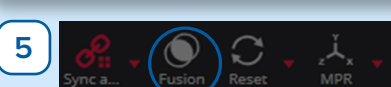**2** Click **Open Review Mode**.

3 Select **Layout** > **1x1 Layout** from the **toolbar**.

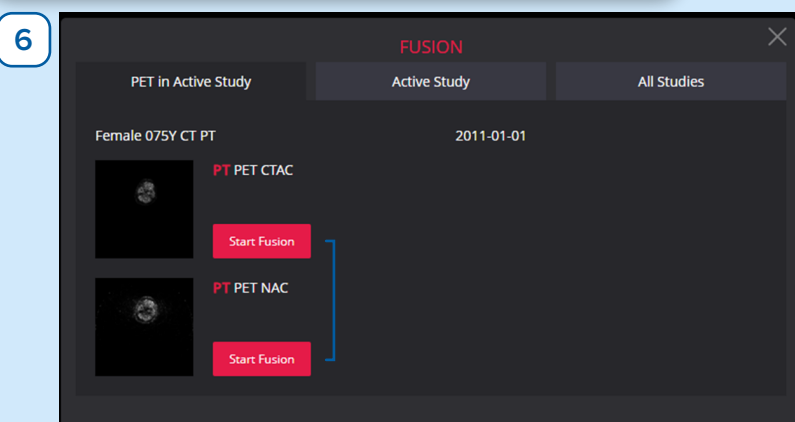**4** Select **image**, e.g., **CT** (not CTAC) on **left menu**.

5 Select **Fusion** from the **toolbar**.
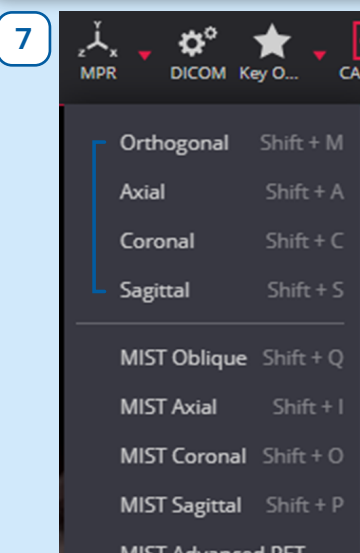

6 Click **Start Fusion** with e.g., **PET CTAC**:
   a. Use the **mouse wheel** to **scroll up and down**.

7 Select **MPR** > **Orthogonal (Shift + M)** or **MIST Advance PET** from the **toolbar**:
   a. **Scroll through the slice** in **trans, cor & sag** with mouse wheel.
   b. Use the **50%---50% slicer** at the bottom of the image to **adjust fusion blending**.
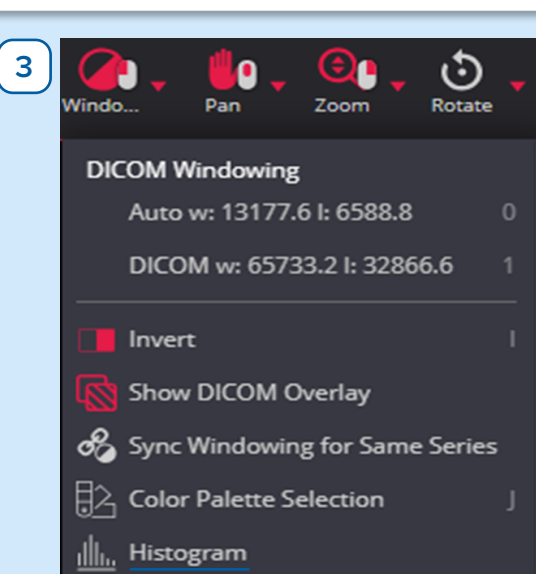

Displaying a PET image in a Standard Intensity:

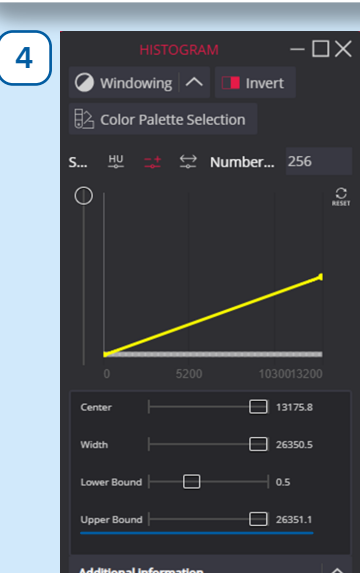**1** Select **Layout** > **1x1 Layout** from the **toolbar**.

2 Select the **PET image** from the **left menu**.

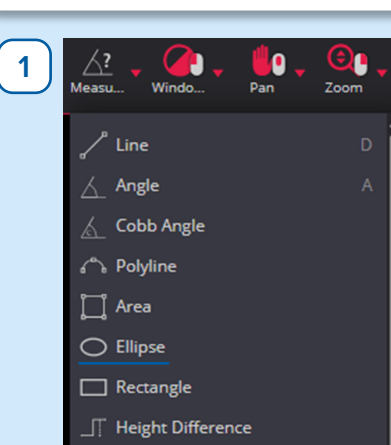**3** Select **Window** > **Histogram** from the **toolbar**.

4 Set the **Upper Bound** slider to **adjust maximum SUV**.
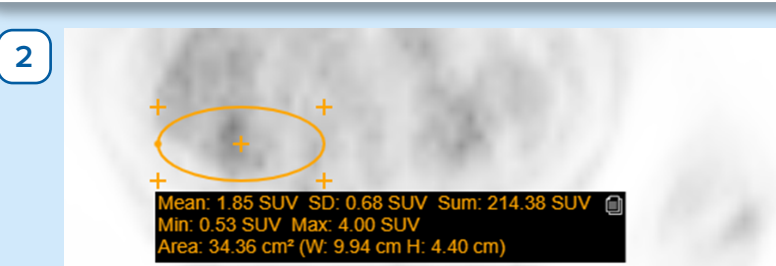   a. **SUV** is indicated on the **bottom left of the screen**.

Measuring the Intensity of the Uptake:

1 Select **Measure** > **Ellipse** from the **toolbar** to **draw a region of interest**.

2 **Drag your mouse** from the **upper left of the ellipse** to **select the lesion**.
   a. As this is only a **2D ROI** in the current slice, you should draw in a **few adjacent slices** to ensure you get a **global SUVmax**.

3 Repeat the process for more slices.