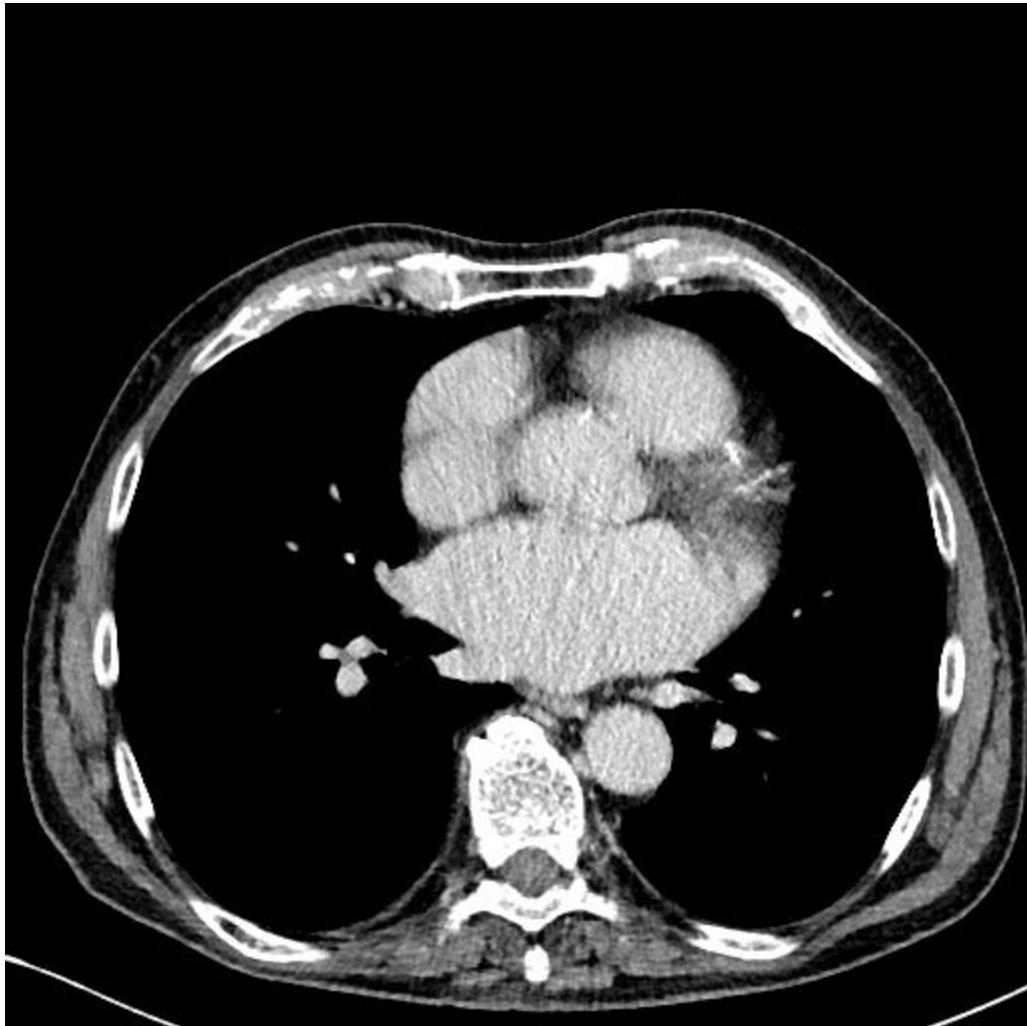


## Gaussian pyramid and laplacian pyramid



*Fig.1 Input image (DicomExport\_91.png)*

**Controls**

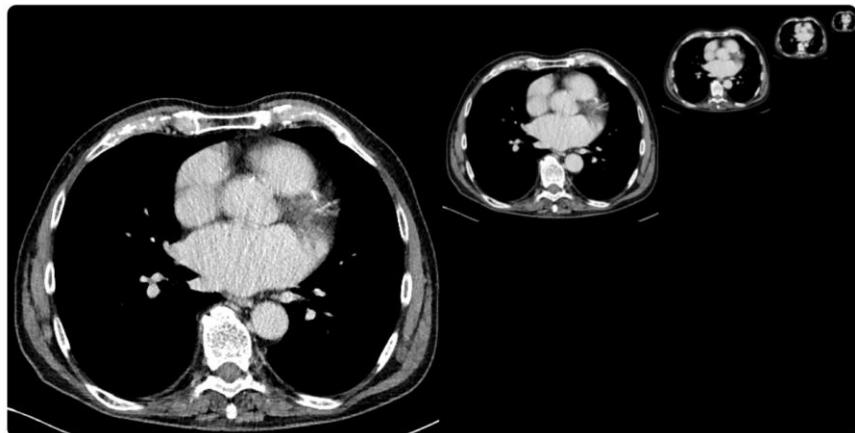
Levels

Gaussian  $\sigma$  (pre-blur before downsample)

Kernel size (odd)

Normalize Laplacian for display

## Gaussian Pyramid



**Controls**

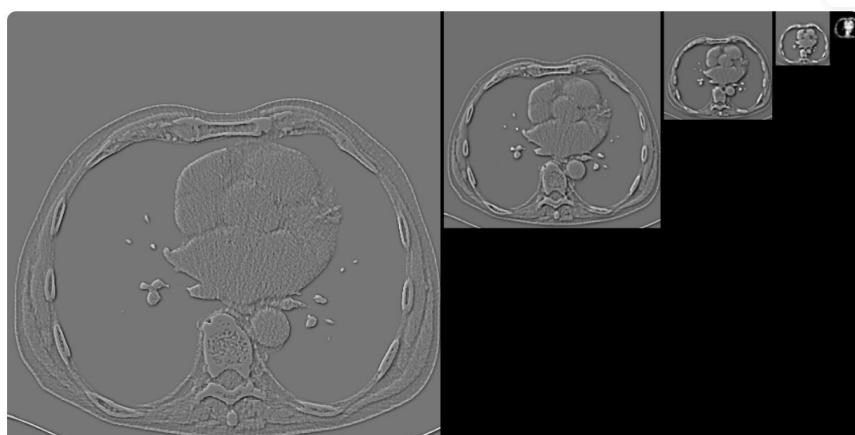
Levels

Gaussian  $\sigma$  (pre-blur before downsample)

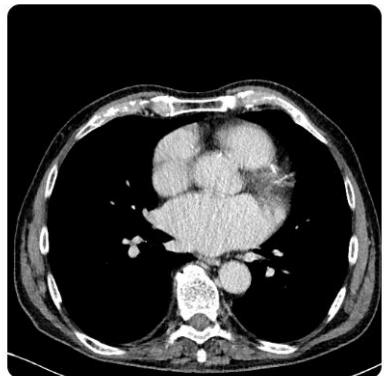
Kernel size (odd)

Normalize Laplacian for display

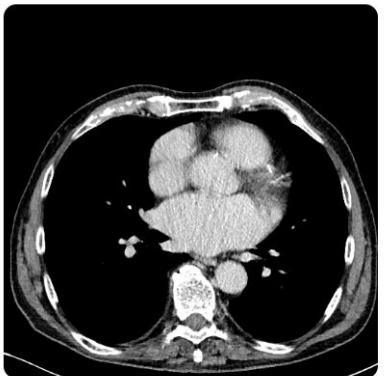
## Laplacian Pyramid



## Reconstruction



Original (grayscale)



Reconstructed



Difference (centered)

Reconstruction RMSE: 0.000000