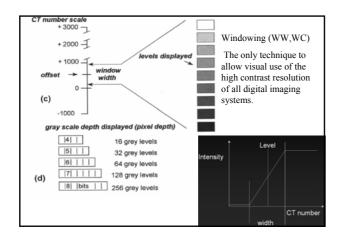
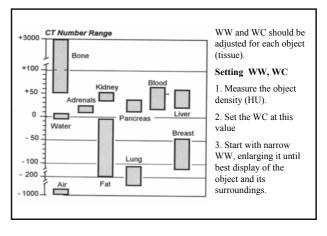
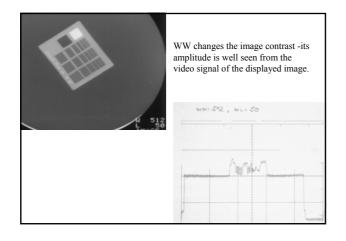
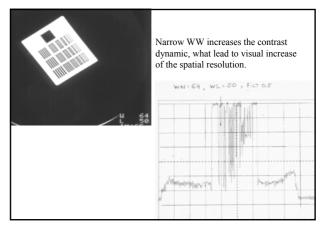


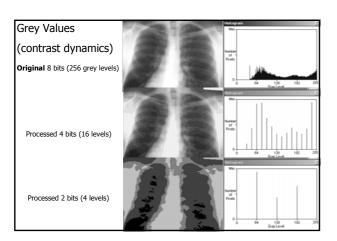
Image acquisition control
Sampling and Quantisation
Image reconstruction
Back-projection
Image storage and retrieval
computer memory and PACS
Image processing
Filtering, Feature extraction, Enhancing, etc
Image analysis
Histogram, Linear and Density Measurements
Image Pre-processing and Post-processing
Windowing

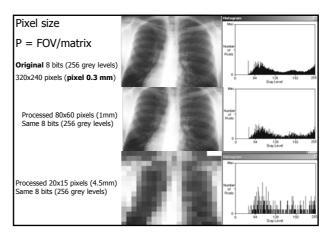


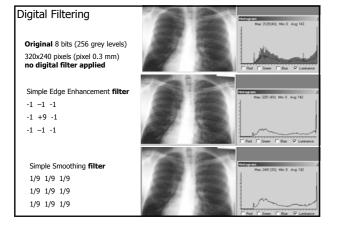












100	100	100	100
100	75	75	100
100	75	75	100
100	100	100	100

(75x2) - 100 = 50

100	100	100	100
100	50	50	100
100	50	50	100
100	100	100	100

75% contrast

50% contrast

Numerical Contrast Enhancement (From Perry Sprawls, Phys. Princ. of Med. Img.)

Although the image contrast enhances, the pixel values change, hence the digital image is different and all analysis and measurements are different

