

# The technology myth

## Perception

1. Throughput of scan not fast enough

2. Cannot browse the slide fast

3. Quality of image not good enough for Dx

4. Data storage too great/expensive

## Reality

● **30 seconds for 15mm<sup>2</sup>  
@ 0.5 $\mu$ m/pixel**

*This is equal to > 800 slides/day (<20 percent of all labs have greater volumes).*

*Going faster is still within laws of physics and will happen.*

● **Browsing has virtually no latency**

*Current graphics cards and computational processing power have reached acceptable levels.*

● **Diagnostic equivalence is validated**

*Several 510(k) approvals for digital tests.*

*Studies show equivalence of diagnostic accuracy from H&E slides.*

● **Data storage ~ 1,000/TB**

*Cost today for average whole digital specimen ~ 25 cents.*