Bioluminescence Imaging
   ❖ Typically 3 mice can be imaged at one time; 10-15 mice/hour

Fluorescence Imaging
   ❖ Typically 5-15 mice/hour can be imaged at one time depending on exposure time, stage heights, and animal positioning

MicroPET Imaging
   ❖ Typically 30 minutes/mouse, so 2 mice can be imaged per hour.
   ❖ F-18 FDG 15mCi dose for 3 mice
   ❖ Typical rates include 3 mice/hour for volumetric analysis
   ❖ For standard uptake values; 20 minutes for 3 mice

MicroSPECT Imaging
   ❖ Typically 20 minutes/mouse, so 3 mice can be imaged per hour.
   ❖ Tc-99 – 10mCi for 3 mice
   ❖ Typical rates include 3 mice/hour for image analysis

MicroCT Imaging
   ❖ Typically is 15 minutes/mouse, so 4 mice can be imaged in an hour at standard resolution.
   ❖ Typical rates include 3 mice/hour for volumetric analysis

Magnetic Resonance Imaging
   ❖ Typically 15 minutes/mouse for liver T1w-GRE, so 4 mice can be imaged per hour.
      o 1mL Eovist for 15-20 mice
      o Image Analysis – 4 mice/hour
   ❖ Typically 30 minutes/mouse for a SE for prostate, so 2 mice can be imaged per hour.
      o Image Analysis – 2 mice/hour

PET/MR Imaging
   ❖ Typically 30 minutes/mouse.
   ❖ Typically 15 minutes/mouse for MRI.
   ❖ Image Analysis for both for 1 mouse - ~45 minutes