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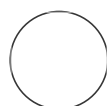
## Respiratory rate (microCT)

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### ABSTRACT

Respiratory rate (microCT) measurement in mice

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**Protocol status:** Working  
We use this protocol and it's working

**Created:** Oct 18, 2023

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- 1** For the scanning procedure, anesthetize the animals with isoflurane (5% induction phase, 1% maintenance). Set the air flow to 0.8l/min.
  
- 2** Define parameters for image acquisition (field of view: 73 mm, acquisition time: 2 min, current voltage:70 mV, and amperage:200 uA).
  
- 3** Determine respiration frequency using microCT measurements acquired with Quantum FX imaging system (Perkin Elmer. 940 Winter St. Waltham, Massachusetts. EEUU).