

# Our Methods and Standards Papers

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Keywords: [in vivo](#) [mouse phenotyping](#) [bariatric surgery](#) [Diabetic Neuropathy](#) [echocardiography](#)  
[hyperinsulinemic-euglycemic clamps](#) [clamps](#) [long chain fatty acid](#) [feeding behavior](#) [ventricular](#) [vascular](#) [insulin signaling](#)

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## Metabolic Pathophysiology Core

- [Considerations in the Design of Hyperinsulinemic-Euglycemic Clamps in the Conscious Mouse](#)
- [Glucose Metabolism in Vivo in Four Commonly Used Inbred Mouse Strains](#)
- [Long Chain Fatty Acid Uptake \*in Vivo\*: Comparison of \[<sup>125</sup>I\]-BMIPP and \[<sup>3</sup>H\]-Bromopalmitate](#)
- [NIH Experiment in Centralized Mouse Phenotyping: the Vanderbilt Experience and Recommendations for Evaluating Glucose Homeostasis in the Mouse](#)
- [Lost in Translation \(A Perspective on the Current State of the Mouse Glucose Clamping Field - 2009\)](#)
- [Assessment of Feeding Behavior in Laboratory Mice](#)
- [Standard Operating Procedures for Describing and Performing Metabolic Tests of Glucose Homeostasis in Mice](#)
- [Assessment of Different Bariatric Surgeries in the Treatment of Obesity and Insulin Resistance in Mice](#)
- [Markers of Glycemic Control in the Mouse: Comparisons of 6-h and Overnight-fasted Blood Glucose to HbA1c](#)
- [Approach to Assessing Determinants of Glucose Homeostasis in the Conscious Mouse](#)

## Cardiovascular Pathophysiology and Complications Core

- [Characterization of Susceptibility of Inbred Mouse Strains to Diabetic Nephropathy](#)
- [Echocardiographic Evaluation of Ventricular Function in Mice](#)
- [Temporal Changes in Ventricular Function Assessed Echocardiographically in Conscious and Anesthetized Mice](#)