# Our Methods and Standards Papers

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<th>Keywords:</th>
<th>in vivo</th>
<th>mouse phenotyping</th>
<th>bariatric surgery</th>
<th>Diabetic Neuropathy</th>
<th>echocardiography</th>
<th>hyperinsulinemic-euglycemic clamps</th>
<th>clamps</th>
<th>long chain fatty acid</th>
<th>feeding behavior</th>
<th>ventricular</th>
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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 $^{125}$I-BMIPP and $^{3}$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 Consious and Anesthetized Mice