Distribution of $^{15}$N in Amino Acids During $^{15}$N-Leucine Infusion: Impact on the Estimation of Endogenous Flows in Dairy Cows. By Lapierre et al., page 2702. Endogenous secretions contribute to protein flow across all parts of the digestive tract. These affect the estimation of the true net supply of protein determined through the measurement of duodenal flow as well as on the requirement of metabolizable protein, as they intrinsically form the metabolic fecal losses. The state-of-the-art technique to estimate endogenous secretions is through their labeling during a long-term infusion of [$^{15}$N]leucine. This study showed that the estimation of endogenous flows using the dilution of $^{15}$N in leucine or total N yielded similar results, when appropriate representation of the enrichment of the endogenous secretions was used.