Increasing Milking Intervals Decreases the Mammary Blood Flow and the Mammary Uptake of Nutrients in Dairy Cows. By Delamaire and Guinard-Flament, page 3439. The aim of this study was to gain a clearer understanding of the regulatory mechanisms involved in the variations in the milk yield in response to increasing milking intervals. The study of the response curves showed that the drop in milk yield was associated with a reduction in the mammary uptake of nutrients, this being partly due to a decrease in the mammary blood flow. Mammary gland efficiency in synthesizing milk components from plasma nutrients was not affected by milking frequency after 7 d of treatment.