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Ból wymienia i dyskomfort podczas zasuszania krów mlecznych

Bach A, De-Prado A, Aris A 2015. Short communication: The effects of cabergoline administration at dry-off of lactating cows on udder engorgement, milk leakages, and lying behaviour. *Journal of Dairy Science* 98, 1-5.

Bertulat S, Fisher-Tenhagen C, Heuwieser W 2015. A survey of drying-off practices on commercial dairy farms in northern Germany and a comparison to science-based recommendations. *Veterinary Record Open*; 2:e000068. doi:10.1136/vetreco-2014-000068.

Bertulat S, Fischer-Tenhagen C, Suthar V, Möstl E, Isaka N, Heuwieser W 2013. Measurement of fecal glucocorticoid metabolites and evaluation of udder characteristics to estimate stress after sudden dry-off in dairy cows with different milk yields. *Journal of Dairy Science* 96, 3774-3787.

Bertulat S, Fisher-Tenhagen C, Werner A, Heuwieser W 2012. Technical note: Validating a dynamometer for noninvasive measuring of udder firmness in dairy cows. *Journal of Dairy Science* 95, 6550-6556.

Chapinal N, Zobel G, Painter K, Leslie KE 2014. Changes in lying behaviour after abrupt cessation of milking and regrouping at dry-off in freestall-housed cows: A case

study. *Journal of Veterinary Behavior* 9, 364-369.

Davis SR, Farr VC, Stelwagen K 1999. Regulation of yield loss and milk composition during once-daily milking: a review. *Livestock Production Science* 59: 77-94.

Leitner G, Jacoby S, Maltz E, Silanikove N 2007. Casein hydrolyzate intramammary treatment improves the comfort behavior of cows induced into dry-off. *Livestock Science* 110, 292-297.

Silanikove N, Merin U, Shapiro F, Leitner G 2013. Early mammary gland metabolic and immune responses during natural-like and forceful drying-off in high-yielding dairy cows. *Journal of Dairy Science* 96, 6400-6411.

Tucker CB, Lacy-Hulbert SJ, Webster JR 2009. Effect of milking frequency and feeding level before and after dry off on dairy cattle behavior and udder characteristics. *Journal of Dairy Science* 92, 3194-3203.

Zobel G, Leslie K, Weary DM, von Keyserlingk MAG 2013. Gradual cessation of milking reduces leakage and motivation to be milked in dairy cows at dry-off. *Journal of Dairy Science* 96, 5064-5071.

Zobel G, Weary DM, Leslie KE, von Keyserlingk MAG 2015. Invited review: Cessation of lactation: Effects on animal welfare. *Journal of Dairy Science* 98, 1-15.