

Dr. Katja Kivinen on Liquid Biopsies.

Dr Katja Kivinen from DeepScan Diagnostics talked about the promise of liquid biopsies in disease detection and treatment monitoring. DeepScan Diagnostics is a Finnish company that develops liquid biopsy -based diagnostic tests for dogs. Their first test analyses cell-free DNA (cfDNA) from 1 ml of plasma. The test uses cfDNA as a marker of cell death, and can be used to detect systemic disease as well as to monitor disease treatment success. The test has been developed in collaboration with breed associations, and Bernese Mountain Dogs (BMD) has been among the largest breed groups studied, with nearly 300 samples collected from 132 dogs. A subset of BMD are participating in a Finnish follow up study, in which plasma samples are collected and analysed every three months to be able to detect cancer and other serious diseases as early as possible. Results of this study will be published in 2026. The first test is now sold in Europe and in the USA. More details about this and future tests can be found on the company website (www.deepscandx.com). Please contact Katja (katja@deepscandx.com) if you are interested in helping the company develop disease-specific diagnostic tests for dogs!