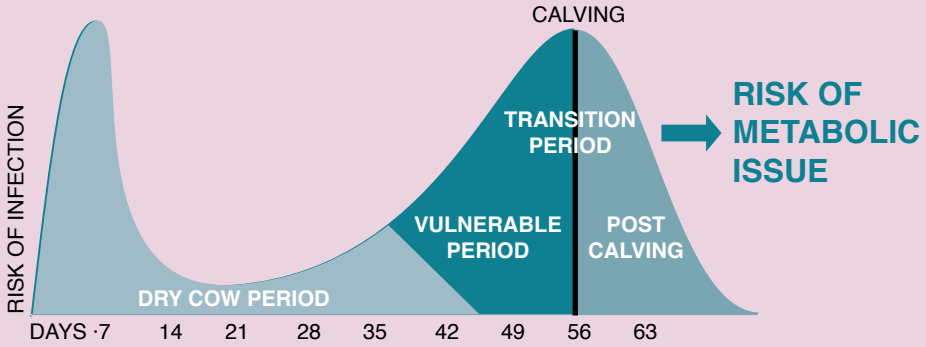


RISK OF METABOLIC ISSUE

HOW CAN I DETECT A METABOLIC DISEASE WITH SENSORS?

CHANGES IN POSITION

CHANGES IN BODY TEMPERATURE

CHANGES IN RUMEN

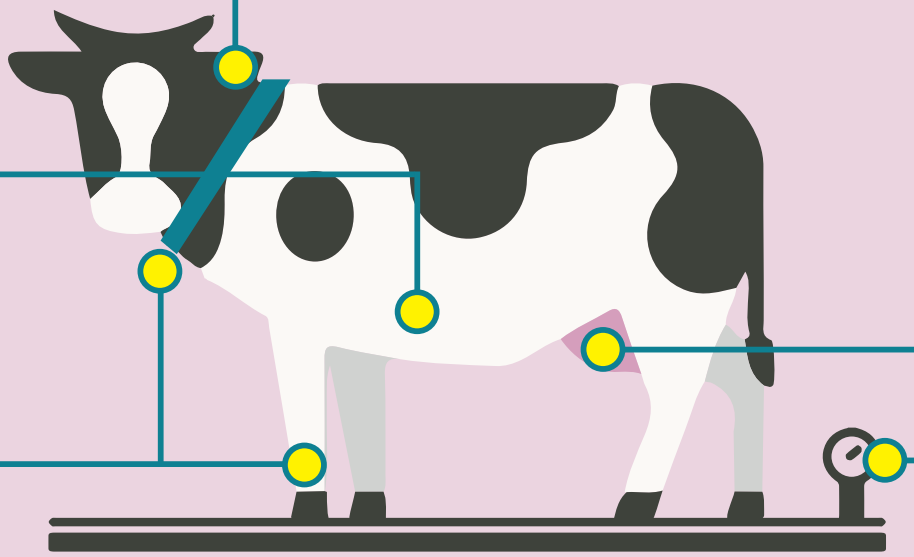
PARAMETER

- (+) (−) PH
- (+) (−) TEMPERATURE

CHANGES IN BEHAVIOUR

PARAMETER

- (−) ACTIVITY
- (−) RUMINATION
- (−) EATING
- (+) LYING TIMES



CHANGES IN BODY CONDITION

CHANGES IN MILK YIELD

PARAMETER

- (+) BHBA
- (+) ACETONE
- >1.5 FAT/PROTEIN
- (−) MILK PRODUCTION

CHANGES IN BODY WEIGHT

BENEFITS

- MILK
- CULLING
- DEATH
- FERTILITY
- HEALTH
- HEALTH COSTS

4D4F
Data Driven Dairy Decisions for Farmers

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