

# Zuchtziel hohe Lebenserwartung Qualitätszucht

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# SSV breeding strategies from 1978 to 2012

Data capturing  
Data storage  
Data maintenance



Blood sample collection  
Blood sample processing  
Blood sample warehousing  
DNA-extraction



Breeding with  
phenotypic  
information

Breeding objective high lifespan

Data capturing  
Data Storage  
Data maintenance

## Support of data capturing since 1978

- Phenotype data, characteristics ( living, dead, HD, ED, verified diagnosis)
- Research
- Consulting concerning pathological-histological examination ( assessment)

Data capturing  
Data Storage  
Data maintenance

## Support of Data Density

- Questionary activities
- Incentivised transparency
- Annual publication of the reporting rate of breeders' life and death records
- Introduction of a phenotypic breeding value for longevity

Blood sample collection, blood sample processing,  
blood sample warehousing  
DNA-extraction

## Creating a blood bank

- DNA-extraction
- for breeding animals
- for animals with noticeable characteristics ( e.g. MH-suspicion, HD-grave, ED-grade III)

## Breeding with phenotypic information

- Age structure = 10 out of 14 ancestors
- Breeding with respect to the dogs' age structure
- Attention to the phenotypic breeding values or longevity

# SSV-Zuchtstrategien seit 1978 bis 2012

*until 2012*

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Data maintenance



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Breeding with  
phenotypic  
information



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Breeding with  
genomic breeding  
values

*from 2012 on*



# The long way to a higher longevity

- Collection and record of data
- Blood sample collection
- Constant evaluation and verification of the development of breeding progress

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