DNA HEALTH SUMMARY

Test Date: **10/10/2022**

"Grace"

Registered Name:	**Lotka z Krainy Bocianich Gniazd**
Date of Birth:	**12/8/2018**
Sex:	**Female**
Breed Ancestry:	**47.2% English Cocker Spaniel + 52.8% Mixed Ancestry**
Embark Swab Code:	**31211110703451**
Embark Profile:	**http://embk.me/lotkazkrainybocianichgniazd**

Your dog's DNA was tested by Embark Veterinary, Inc. for the likelihood of developing clinical signs from 13 health conditions that are currently relevant for their breed(s). Please speak to your veterinarian and breeder about specific risks and care recommendations associated with your dog's results.

We detected **1** variant for the following breed-relevant conditions from which your dog **could develop signs and symptoms**. Note that some variants are found in most or all dogs of a specific breed.

Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD (FGF4 retrogene - CFA12)
Identified in Cocker Spaniels, English Cocker Spaniels, and more

Your dog is **not expected to develop signs and symptoms** from the specific variants* for the following breed-relevant conditions:

- Autosomal Recessive Hereditary Nephropathy, Familial Nephropathy, ARHN (COL4A4 Exon 3, Cocker Spaniel Variant)

- Autosomal Recessive Hereditary Nephropathy, Familial Nephropathy, ARHN (COL4A4 Exon 30, English Springer Spaniel Variant)

- Bernard-Soulier Syndrome, BSS (GP9, Cocker Spaniel Variant)

- Canine Fucosidosis (FUCA1)

- Complement 3 Deficiency, C3 Deficiency (C3)

- Exercise-Induced Collapse, EIC (DNM1)

- Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK Deficiency (PFKM, Whippet and English Springer Spaniel Variant)

- Hereditary Sensory Autonomic Neuropathy, Acral Mutilation Syndrome, AMS (GDNF-AS, Spaniel and Pointer Variant)

- Long QT Syndrome (KCNQ1)

- Progressive Retinal Atrophy, crd4/cord1 (RPGRIP1)

- Progressive Retinal Atrophy, prcd (PRCD Exon 1)

- Shaking Puppy Syndrome, X-linked Generalized Tremor Syndrome (PLP1, English Springer Spaniel Variant)

** The information presented above is intended for non-breeding purposes. Please refer to the full Embark genetic test results for comprehensive health and trait information that is relevant for breeding decisions.*