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- Irish Wolfhounds have weaker clot formation and increased clot breakdown compared to control dogs.
- 75% of IWs tested had at least one copy of a gene variant associated with delayed post-operative bleeding (DEPOHGEN).
- 25% of IWs tested had 2 copies of the DEPOHGEN gene variant.
- IWs with 2 copies of the DEPOHGEN gene variant had increased rates of clot breakdown compared to IWs with one or no variants.
- Data suggests hounds undergoing surgery may benefit from drugs that inhibit clot breakdown.
- Samples from 130 healthy IWs were used to establish breed specific reference intervals for blood count and serum chemistry tests.
- IWs had lower platelet counts and higher red cell counts than other breeds but were otherwise similar.
- On chemistry, IWs had slightly lower liver enzymes (ALT and AST) but were otherwise similar to other dogs.
- Results suggest for most blood parameters standard reference intervals may be used for IWs
- Of tests examined, IW specific reference intervals were most different for platelet counts.

