

## THE AMERICAN HANOVERIAN SOCIETY 2023 X-RAY PROTOCOL

The American Hanoverian Society's x-ray protocol is based upon the society's studbook reciprocity with the *Hannoveraner Verband*. In order to proceed to the licensing, the owner of a stallion candidate must provide the following required radiographic views:

- P3/Navicular (Fore limb only)
  - i. Lateromedial (Must be elevated on a block to evaluate the entire hoof).
  - ii. 60° dorsoproximal-palmarodistal oblique, commonly known as a DV (Must have clear interpretation of the navicular bone, shoes must be removed if unable to view the navicular bone in its entirety).
  
- Fetlock
  - i. Lateromedial (flexed in fore limb, standing in hind limb, clearly visualizing the sagittal ridge of the distal cannon).
  - ii. Dorsal 10° proximal-palmar/plantarodistal oblique, commonly known as a DP (elevating sesamoids apart from P1 visualizing the distal cannon).
  
- Tarsus
  - i. 45° dorsomedial/posteriorlateral oblique (highlighting the distal intermediate ridge of the tibia and the distal lateral trochlear ridge of the talus).
  - ii. Dorsoplantar view at 10° lateral (highlighting the medial malleolus of the distal tibia).
  
- Stifle
  - i. 90°-115° Lateromedial (including the patella)
  - ii. Caudal-Cranial 180° (posterior-anterior)
  
- There is no longer a grading system. Based upon the findings of the radiologists, the stallion's x-rays will be determined to be either acceptable (i.e. horse may proceed to the licensing) or not acceptable (horse will be withdrawn from the licensing). A description of the radiographic findings will be documented.
  
- Any invasive joint surgery that has been performed must be reported when the radiographs are submitted. Pre-operative radiographs of the specified joint or joints must be included.
  
- With regard to OCD: Stifles must be free from positive finding. Bilateral OCD fragments in the tarsi are not acceptable. Severe/extensive OCD fragments in a tarsus or a fetlock are not acceptable. One fragment in a tarsus and one further joint, excluding the tarsus or stifle, is acceptable.
  
- Stallions will not be deemed acceptable with severe navicular or spavin changes.



## Delivery

All studies must be in JPEG format.

Radiographs should be emailed to:

[registration@hanoverian.org](mailto:registration@hanoverian.org).

If preferred, JPEG files can also be sent via jump/flash drive to:

American Hanoverian Society  
4067 Iron Works Parkway  
Lexington, KY 40511  
(859) 255-4141

Whether delivered via email or regular mail, **please include the name of the horse and his registration number along with the owner's and veterinarian's names and phone numbers.**

NOTE: Stallions who have had x-rays completed and approved by another German registry may be exempt from this step in the process. Please call the AHS office for details.

