

THE HANOVERIAN SOCIETY of AUSTRALIA

2021 X-RAY PROTOCOL

The Hanoverian Horse Society of Australia'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:

- a. 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).
 - b. 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).
 - c. 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).
 - d. Stifle
 - i. Lateromedial (including the patella)
 - ii. Caudal 60° lateral-craniaomedial oblique (highlighting the medial femoral condyle in its entirety).
- ï 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will be determined to be either acceptable (i.e. horse may proceed to the licensing) or not acceptable (horse will be withdrawn from the licensing).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.
- ï 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.
- ï 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.
- ï Stallions will not be deemed acceptable with severe navicular or spavin changes.



Delivery

All studies must be in DICOM format. JPEG images will not be accepted.

Radiographs should be emailed to: hanoverian@hanoverian.org.au

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

HHSR Registrar
303 Tallegalla Road
Tallegalla, QLD 4340
0407 144 403

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 HHSR Registrar for details.

