

**WESTERN BLOODSTOCK, LTD. – ASTERIS, INC.**  
**REPOSITORY/RADIOGRAPHS**

**ALL SALE SESSIONS**

Western Bloodstock, Ltd encourages everyone to use the repository with their veterinarian to fully evaluate the radiographs available.

Owners of yearlings, 2-year-olds, 3-year-olds & show horses IN ALL SALE SESSIONS are **required** to provide **DIGITAL** radiographs for the sale repository. There is a \$20 fee per horse for the On-Line Repository System provided through Asteris. The required views are included below. **Radiographs can be dated no earlier than August 1, 2021.**

**2021 NCHA Futurity Sales: December 6 - 11, 2021**

**Absolute deadline for digital radiographs to be submitted to the sale office is:**

**Friday – November 5, 2021 (radiographs can be dated no earlier than August 1, 2021)**

**Incorrect radiographs will incur an additional \$200 resubmission fee.**

NOTE: RESULTS OF RADIOGRAPHS ARE NOT A CONSIDERATION FOR SALE ENTRY. Digital radiographs are not expected to prove an animal “perfect”; this practice merely allows interested parties the opportunity to make decisions based on information made available. Western Bloodstock, Ltd. does not view digital radiographs, does not use results to determine entry into a sale session and does not announce results.

**DIGITAL RADIOGRAPHS REMAIN THE PROPERTY OF WESTERN BLOODSTOCK, LTD. AND ARE NOT AVAILABLE FOR VIEWING AFTER A HORSE HAS SOLD.**

**REPOSITORY RULES**

Western Bloodstock, Ltd. has established a Repository.

- Radiographs are **required** for all yearlings, 2-year-olds, 3-year-olds & show horses.
- Owner is solely responsible for providing radiographs placed in the Repository on horses offered for sale.
- Western Bloodstock, Ltd is not responsible for any inaccuracy in or omission from the radiographs in the Repository.

The Repository provides veterinarians with on and off-premise viewing options.

- o Each veterinarian desiring to view radiographs on behalf of their client must register with Western Bloodstock, Ltd by completing the Veterinary Registration Form (available in the Sale Repository or at [www.westernbloodstock.com](http://www.westernbloodstock.com)).
  - A User Name and Password will be assigned by Western Bloodstock which will allow veterinarians to view radiographs in the Sale Repository and remotely via the Asteris website. To view radiographs remotely via the Asteris website, go to [www.asteris.com](http://www.asteris.com), click on the “Client Tools” option, then click on “Access Your Data”. Log in with the user name and password provided by Western Bloodstock, Ltd.
  - The User Name and Password are valid for the current sale only. Veterinarians must register with Western Bloodstock, Ltd for each sale.
  - The User Name and Password are for single users only. Veterinarians are prohibited from sharing their User Name and Password with anyone else.
  - For security purposes, the Repository software has tracking capabilities for the protection of the integrity of the repository process.
- o All digital radiographs must be turned into the sale office and no information may be brought into or removed from the Repository for any reason whatsoever.
- o No one is allowed to enter the Repository unless accompanied by a United States licensed veterinarian to view radiographs. A signed acknowledgement will be required agreeing that the information obtained from the Repository is confidential in nature.
- o No copies or electronic transmission of any digital radiographs contained within the Repository will be submitted to anyone.
- o Printed or electronic distribution of repository findings and photographs of radiographs are prohibited.

**GENERAL WARRANTY INFORMATION**

Any additional veterinary or general health concerns must be turned into the sale office for announcement/disclosure including: a) deviation from the norm in eyes and mouth; b) history of abdominal or invasive joint surgery or nerving; c) results of testicle palpation for colts at least thirteen (13) months; d) results (or videos) of endoscopic exams. The more detailed the statements, the more beneficial it is to all concerned.

## REPOSITORY RADIOGRAPH REQUIREMENTS AND STANDARDS

- **All digital radiographs MUST be submitted in DICOM Format - (NO OTHER FORMATS WORK – DO NOT SEND JPEGS!)**
- Accepted media will be in the form of an email to [kelsey@westernbloodstock.com](mailto:kelsey@westernbloodstock.com) with a download link to compliant DICOM images or a USB, CD ROM, DVD ROM or other compliant DICOM storage appliance.
- All images for each horse MUST be included in a single DICOM study.
- Digital radiographs remain the property of Western Bloodstock, Ltd.
- **DICOM TAG REQUIREMENTS** must follow the following specifications:
  - Patient ID = AQHA Registration Number
  - Patient Name = Horse name spelled exactly as it appears on AQHA registration papers
  - IF PENDING, must include: Sire x Dam, Date of Birth, and Sex
  - Study Description = Consignor's Name
  - Study Date = Date of X-Rays
- **ADDITIONAL FILMS:**  
These are the required views for the repository. Owners may submit additional films, if desired.
- **LABELING:**  
Standard markers for radiographic views are always lateral unless there is no lateral aspect, then they are placed dorsally. For oblique views, the marker is located palmar or plantar on a DLPMO and dorsally on a DMPLO. For an AP view, the marker is located laterally and for a lateral view, the marker is located dorsally.

### REQUIRED VIEWS

#### YEARLINGS

(Known Asteris compatible labels on following page)

**STIFLE: (Bilateral)**

Caudocranial view with 10-20 degree proximodistal beam  
Caudal 30-degree lateral – craniomedial oblique – in a weight bearing position

**HOCK: (Bilateral)**

AP  
Lateral to medial  
DLPMO  
DMPLO

#### 2-YEAR-OLDS & PERFORMANCE HORSES

(Known Asteris compatible labels on following page)

**STIFLE: (Bilateral)**

Caudocranial view with 10-20 degree proximodistal beam  
Caudal 30-degree lateral – craniomedial oblique – in a weight bearing position

**HOCK: (Bilateral)**

AP  
Lateral to medial  
DLPMO  
DMPLO

**FRONT FOOT NAVICULAR BONE: (Bilateral)**

60-degree DP of foot using navicular bone technique  
Skyline/Flexor view of navicular bone

### RECOMMENDED ADDITIONAL VIEWS - YEARLINGS, 2-YEAR-OLDS & PERFORMANCE HORSES

**FETLOCK & DISTAL LIMB: (Bilateral Fore and Hind)**

AP (elevated 15-degree dorsopalmar or dorsoplantar)  
Lateral to medial

*NOTE:* These films should be taken with the feet on blocks (2"-3" high) and the front limbs vertical to the ground to allow accurate evaluation of pastern alignment and coffin bone orientation. Radiographic beam should be centered on the fetlock joint with the collimator opened up to allow exposure of the entire pastern and foot. If the horse does not allow the hind limbs to be safely placed on blocks, a lateral that includes the dorsal aspect of the hoof wall, down to and including the distal toe of P-3, will be sufficient.

**KNEE: (Bilateral)**

DLPMO  
Flexed lateral to medial

**KNOWN ASTERIS COMPATIBLE LABELS FOR ALL VIEWS**

**REQUIRED FOR ALL YEARLINGS, 2-YEAR-OLDS, 3-YEAR-OLDS & SHOW HORSES**

L Stifle\_CaCr  
L Stifle\_CaLCrMO  
R Stifle\_CaCr  
R Stifle\_CaLCrMO  
L Tarsus\_DP  
L Tarsus\_DLPMO  
L Tarsus\_LM  
L Tarsus\_DMPLO  
R Tarsus\_DP  
R Tarsus\_DLPMO  
R Tarsus\_LM  
R Tarsus\_DMPLO

**REQUIRED FOR 2-YEAR-OLDS, 3-YEAR-OLDS & SHOW HORSES**

Left Fore Navicular Skyline  
Right Fore Navicular Skyline  
Left Fore Navicular DP  
Right Fore Navicular DP

**RECOMMENDED FOR ALL YEARLINGS, 2-YEAR-OLDS, 3-YEAR-OLDS & SHOW HORSES**

L FFetlock\_LM  
L FFetlock\_DP  
R FFetlock\_LM  
R FFetlock\_DP  
L HFetlock\_LM  
L HFetlock\_DP  
R HFetlock\_LM  
R HFetlock\_DP  
L Carpus\_FLM  
L Carpus\_DLPMO  
R Carpus\_FLM  
R Carpus\_DLPMO