

MINIMUM REQUIRED FILMS FOR SALES REPOSITORY

CARPUS:

Lateral/Medial Oblique (30° – 40°) (Dorsolateral 35°, to palmar medial oblique)
Medial/Lateral Oblique (20° – 30°) (Dorsomedial 25°, to palmar lateral oblique)
Flexed Lateral (Flexed lateral to medial)

FETLOCK:

FRONT:

AP elevated 15° (Dorsal, 15° elevated, to palmar)
Medial Oblique (Dorsomedial 30°, to palmar lateral oblique)
Lateral Oblique (Dorsolateral 30°, to palmar medial oblique)
Lateral (Flexed lateral to medial)

HIND:

AP elevated 15° (Dorsal, 15° elevated, to plantar)
Medial Oblique (Dorsomedial 30°, 15° elevated to plantar lateral oblique)
Lateral Oblique (Dorsolateral 30°, 15° to palmar medial oblique)
Standing Lateral to medial

Obliques should be elevated slightly to separate the sesamoid and PI interface.

HOCK:

Medial/Lateral Oblique (or 15° PALMO) (Dorsomedial 65° to plantar lateral oblique) -or- (Plantaro-lateral 25° to dorsomedial oblique)
Off Center AP (Slightly Lateral) (Dorsolateral 10° to plantar medial)
Lateral to Medial

STIFLE:

Lateral to Medial
20° PALMO (Posterior lateral 20° to anterior medial oblique ***must include medial femoral condyle in it's entirety***).

LABELING:

Standard markers for radiographic views are always lateral unless there is no lateral aspect, then they are placed anteriorly. For oblique views, the marker is located posteriorly on a (DLPMO) lateral oblique and anteriorly on a (DMPLO) medial oblique. For an AP view, the marker is located laterally and for a lateral view, the marker is located anteriorly.

Memorandum to Consignors and their Veterinarians
Re: Digital Radiographs in the Repository

The Keeneland Repository facilitated the use of **digital radiographs** in November, 2006. Following is an outline of requirements designed to insure uniformity and to enhance the viewing process for veterinarians.

Please note that the **deadline** for submitting digital x-rays is different than that of standard x-rays. All **digital x-rays** are due at the Repository no later than 4:30 PM, **4 days** prior to the scheduled sale date.

The minimum required views for the Repository remain the same. Labeling views must comply with standard requirements, while suggested digital view names are listed in the following guidelines.

We hope that by making available the use of digital radiographs, the Keeneland Repository will make your experience the very best possible.

Thank you, and best wishes for a successful sale.

Keeneland Repository
Digital Requirements for September 2007 Sale

- 1) All digital radiographs **MUST** be submitted in a machine readable DICOM 3.0 format. Accepted media will be in the form of a CD ROM, DVD ROM or other compliant DICOM storage appliance approved by Keeneland.
- 2) All images for a HIP **MUST** be included in a single DICOM study. Multiple DICOM files for a single HIP will not be accepted. All 34 required images must be on file as per the attached listing.
- 3) Deadline – All Digital x-rays will be due at the Repository no later than 4:30 PM, 4 days prior to the scheduled sale date.
- 4) DICOM tag requirements must follow the following specification:
 - Patient ID = KYYMM-XXXX
 - K = Keeneland
 - YY = Last two digits of the year
 - MM = Month of Sale
 - XXXX = Full HIP number (including leading zeros-ie. 0001.Example: Keeneland September 2007 sale of HIP number 0001
Patient ID = K0709-0001
 - Patient Name = Horse name or DAM and last two digits of birth year for unnamed horses
Example: WINTERS EDGE 05
 - Study Description = CONSIGNOR'S NAME
 - Study Date = DATE of X-RAYS

NOTE: All fields should be populated in UPPER CASE.
- 5) Letters and certificates accompanying a HIP that is submitting digital X-rays must be delivered to Keeneland no later than 4 days prior to the sell date. Document size must not exceed 8.5" x 11" and must be printed black on white background. (*NOTE: 8.5" x 11" is the preferred paper format*)
- 6) View Names – In order for Keeneland to display all HIPs in a consistent order during the sale, the following view names should be used to describe the digital view:

MINIMUM REQUIRED VIEWS FOR KEENELAND SALES REPOSITORY
(September)

DICOM Tag = (0008, 103E), Series Description

DICOM Tag

DICOM Tag

LEFT

RIGHT

CARPUS:

Lateral/Medial Oblique (30°-40°) (Dorsolateral 35°, to palmar medial oblique)
 Medial/Lateral Oblique(20°-30°) (Dorsomedial 25°, to palmar lateral oblique)
 Flexed Lateral (Flexed lateral to medial)
 Third Carpal Skyline View (for horses in training)

L Carpus_DLPMO	R Carpus_DLPMO
L Carpus_DMPLO	R Carpus_DMPLO
L Carpus_FLM	R Carpus_FLM
L Carpus_Sky_DRow	R Carpus_Sky_DRow

FETLOCK:

FRONT:

AP elevated 15° (Dorsal, 15° elevated, to palmar)
 Medial Oblique (Dorsomedial 30°, to palmar lateral oblique)
 Lateral Oblique (Dorsolateral 30°, to palmar medial oblique)
 Lateral (Flexed lateral to medial)

L FFetlock_DP	R FFetlock_DP
L FFetlock_DMPLO	R FFetlock_DMPLO
L FFetlock_DLPMO	R FFetlock_DLPMO
L FFetlock_FLM	R FFetlock_FLM

HIND:

AP elevated 15° (Dorsal, 15° elevated, to palmar)
 Medial Oblique (Dorsomedial 30°, 15° to palmar lateral oblique)
 Lateral Oblique (Dorsolateral 30°, 15° to palmar medial oblique)
 Standing Lateral to medial

L HFetlock_DP	R HFetlock_DP
L HFetlock_DMPLO	R HFetlock_DMPLO
L HFetlock_DLPMO	R HFetlock_DLPMO
L HFetlock_LM	R HFetlock_LM

HOCK:

Medial/Lateral Oblique(or 15° PALMO) (Dorsomedial 65° to plantar lateral oblique)
 -or- (Plantaro-lateral 25° to dorsomedial oblique)
 Off Center AP(Slightly Lateral) (Dorsolateral 10° to plantar medial)
 Lateral to Medial

L Hock_DMPLO	R Hock_DMPLO
L Hock_CrCa	R Hock_CrCa
L Hock_LM	R Hock_LM

STIFLE:

Lateral to Medial
 20° PALMO (posterior lateral 20° to anterior medial oblique must include medial femoral condyle in its entirety.)

L Stifle_LM	R Stifle_LM
L Stifle_CaLCrMO	R Stifle_CaLCrMO