



KEENELAND REPOSITORY

DIGITAL REQUIREMENTS

- 1) All digital radiographs MUST be submitted in a machine readable DICOM 3.0 format.
- 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 36 required images (or 38 images for horses of racing age) 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 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 zeroes; i.e. 0001)

Example: Keeneland 2022 January sale of Hip number 0001

Patient ID = K2201-0001

Patient Name = Horse name or DAM and last two digits of birth year for unnamed horses

Example: WINTERS EDGE 20

Study Description = CONSIGNOR'S NAME

Study Date = DATE of X-RAYS

NOTE: All fields should be populated in UPPER CASE lettering.

- 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.
- 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 (see next page).



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MINIMUM REQUIRED VIEWS

CARPUS

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

DICOM Tag – LEFT

L Carpus_DLPMO
L Carpus_DMPLO
L Carpus_FLM
L Carpus_Sky_DRow

DICOM Tag - RIGHT

R Carpus_DLPMO
R Carpus_DMPLO
R Carpus_FLM
R Carpus_Sky_DRow

FETLOCK - FRONT:

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

DICOM Tag – LEFT

L FFetlock_DP
L FFetlock_DMPLO
L FFetlock_DLPMO
L FFetlock_FLM
L FFetlock_SLM

DICOM Tag - RIGHT

R FFetlock_DP
R FFetlock_DMPLO
R FFetlock_DLPMO
R FFetlock_FLM
R FFetlock_SLM

FETLOCK - HIND:

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

DICOM Tag – LEFT

L HFetlock_DP
L HFetlock_DMPLO
L HFetlock_DLPMO L
HFetlock_LM

DICOM Tag - RIGHT

R HFetlock_DP
R HFetlock_DMPLO
R HFetlock_DLPMO
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

DICOM Tag – LEFT

L Hock_DMPLO
L Hock_DMPLO
L Hock_CrCa
L Stifle_CaLCrMO
L Hock_LM

DICOM Tag - RIGHT

R Hock_DMPLO
R Hock_DMPLO
R Hock_CrCa
R Stifle_CaLCrMO
R Hock_LM

STIFLE

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

DICOM Tag – LEFT

L Stifle_LM
L Stifle_CaLCrMO
L Stifle_PA

DICOM Tag - RIGHT

R Stifle_LM
R Stifle_CaLCrMO
R Stifle_PA