

Explanation KWPN X-ray assessment of the various skeleton parts

The results of the assessment are expressed in scores with the following meanings:

Score 0 (zero) Not or hardly present

Score 1 (one) Good

Score 2 (two) Sufficient

Score 3 (three) Weak

Score 4 (four) Poor

<u>Classification</u>	<u>Osteochondrosis</u>	<u>Concise characterization</u>
A	Not present	Smooth joint surface
B	Minimally present	Slightly irregular surface
C	Obviously present	Obvious irregular joint surface
D	Quite severely present	Irregular joint surface with relatively small fragments
E	Severely present	Irregular joint surface with relatively large fragments

NORM.

The horse has met the norm for radiographic examination when all the characteristics meet the below mentioned classifications:

Navicular bone score	0-1-2
Sesamoidean bones score	0-1-2-3-4 (no selection)
Fetlock Arthritis score	0-1-2-3
Spavins score	0-1-2

Osteochondrosis:

Hock sagittal tibia score A and other locations in the hock score A, B or C.

Stifle joint lateral ridge of the trochlea score A and other locations in the stifle score A, B or C.

Fetlock joint front score A through E

Fetlock Joints hind score A through E

Disclaimer: The classification of the x-rays is limited to the selection criteria specified in the KWPN breeding program. Clinical findings, nor secondary x-ray findings, nor performance of the horse involved are considered in the assessment. The

X-ray assessment applies to the submitted x-rays. A written appeal against the results can be send to the KWPN office in Harderwijk within one month after the date of sending the result and re-assessment can be requested.

X-ray that needs to be taken	View	Offspring Examination OC-yearlings (set 14 x-rays)	PROK examination stallions and mares (set 22 x-rays)	PROK after participation in OC examination as a yearling
Front legs, both sides:				
Navicular bone	LM/ML (lateromedial or mediolateral) view	No	Yes	Yes
Navicular bone	D55Pr-PaDiO (dorso 55° proximal palmar distal oblique) view	No	Yes	Yes
Fetlock/sesamoidean bones	D45L-PaMo (dorso 45° lateral-palmaromedial oblique) view	No	Yes	Yes
Fetlock/sesamoidean bones	D45M-PaLo (dorso 45° medial-palmarolateral oblique) view	No	Yes	Yes
Fetlockjoint	LM (lateromedial) view	Yes	Yes	No
Hind legs, both sides				
Fetlockjoint	LM (lateromedial) view	Yes	Yes	No
Hock	Lm (lateromedial) view	Yes	Yes	Yes
Hock	DPI (dorsoplantar) view	Yes	Yes	Yes
Hock	D45M-PILO (dorso 45° medial-plantarolateral oblique) view	Yes	Yes	Yes
Knee	LM (lateromedial) view	Yes	Yes	Yes/no (zie voornoot*)
Knee	Cd10Pr60L-CrMO (caudo 10° proximal 60° lateral craniomedial oblique) view	Yes	Yes	Yes/no (zie voornoot*)

*Knee

Lateral ridge of trochlea A, (B to E new x-rays)

Medial ridge of trochlea A – B – C, (D to E new x-rays)

Sulcus A – B – C, (D to E new x-rays)

Patella A – B – C, (D to E new x-rays)

Other A – B – C, (D to E new x-rays)