

Intra- and interobserver agreement in the interpretation of navicular bones on radiographs and computed tomography scans

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TABLE 1: Evaluation scheme for radiographs and computed tomography (CT) scans**Morphological criteria**

| | | |
|--|--|--|
| Lateromedial view/ Sagittal plane | Shape of the navicular bone* | proximal elongation distal elongation |
| D65°Pr-PaDiO view/ Coronal plane | Shape of the navicular bone* | asymmetry |
| | Shape of the proximal articular border | double contour proximal concave undulating straight convex |
| Pa45°Pr-DDiO view/ Transverse plane | Shape of the navicular bone – form | rounded edges rectangular |
| | Shape of the navicular bone – sagittal ridge | prominent sagittal ridge flat sagittal ridge |

Pathological criteria

| | | |
|---|--|--|
| Opacity of the spongiosa – lateral view** | | not sure decreased normal increased |
| Osteophyte proximal articular border | | not sure absent present |
| Enthesiophyte proximal border | | not sure absent present |
| Fragment distal border | | not sure absent present |
| Enthesiophytes impar ligament | | not sure absent present |
| Synovial invaginations distal border | | none 1–7 narrow, conical invaginations as above, but shape more variable >7 invaginations of varying shape 1–2 large invaginations, rounded or lollipop-shaped >2 large invaginations, rounded or lollipop-shaped |
| Synovial invaginations sloping border | | present absent |
| Cyst-like lesions | | not sure absent present |
| Synovial invaginations proximal border | | absent small, of similar size enlarged, of varying size |
| Enthesiophytes on the D65°Pr-PaDiO view/coronal plane | | not sure none medial lateral |
| Flexor cortex | | not sure normal abnormal (thickened, abnormal irregularity, new bone formation) |
| Defects in flexor cortex | | not sure absent present |
| Texture of the spongiosa on the PaPrPaDiO on radiographs and all planes on CT scans | | not sure regular, fine pattern irregular, lace pattern sclerosed |
| Interface spongiosa-flexor cortex | | not sure clearly defined margin slightly poor poor |

D65°Pr-PaDiO Dorso65°proximal-palmarodistal oblique; Pa45°Pr-DDiO Palmaro45°proximal-palmarodistal oblique; *indicates criteria in which more than one answer is possible; **indicates criteria not evaluated on CT scans.