

Protocol ID: _____

Study Name: _____

Site: _____

Event Name: _____

Event Date: _____

Study Subject ID: _____

Interviewer Name: _____

Interview Date: _____

BLSA Knee x-ray - Ver 1.0**Section Title: Knee x-ray**

Date Completed

☐ Blank

Tester ID

Which knee(s) was submitted to interpretation

☐ Both ☐ Left only ☐ Right only ☐ None

1) Are both knees radiographed? (Each one on a separate film.)

Right knee

☐ Yes ☐ No

Left knee

☐ Yes ☐ No

2) Are the markers on each of the films in a location that does not obscure any structure?

Right knee

☐ Yes ☐ No

Left knee

☐ Yes ☐ No

3) Does the entire joint appear on the film?

Right knee

☐ Yes ☐ No

Left knee

☐ Yes ☐ No

4) Are the lines of beads in the positioning frame visible?

Right knee

☐ Yes ☐ No

Left knee

☐ Yes ☐ No

5) Is the articular surface of the medial femoral condyle sharply delineated?

Right knee ☐ Yes ☐ NoLeft knee ☐ Yes ☐ No

6) Is the floor of the medial tibial plateau clearly delineated and flat?

Right knee ☐ Yes ☐ NoLeft knee ☐ Yes ☐ No

7) Is the cortex of the tibial plateau floor sharply delineated?

Right knee ☐ Yes ☐ NoLeft knee ☐ Yes ☐ No

8) Is the vertical distance between the anterior and posterior tibial margins at the center of the medial tibial plateau greater than about mm?

Right knee ☐ Yes ☐ NoLeft knee ☐ Yes ☐ No

9) Are the medial and lateral sides of the knee joint, including bone margins, clearly visible without the use of a high intensity light?

Right knee ☐ Yes ☐ NoLeft knee ☐ Yes ☐ No

10) Is soft tissue visible?

Right knee ☐ Yes ☐ NoLeft knee ☐ Yes ☐ No

11) Is any hardware visible?

Right knee ☐ Yes ☐ NoLeft knee ☐ Yes ☐ No

1) Knee alignment RIGHT KNEE

Right knee alignment ☐ Zero ☐ Unknown

2) Measurements RIGHT KNEE

a) Mid JSW: Medial

Lateral

b) Min JSW: Medial

Lateral

Marker diameter:

1) Knee alignment LEFT KNEE

Left knee alignment ☐ Zero ☐ Unknown

2) Measurements LEFT KNEE

a) Mid JSW: Medial

Lateral

b) Min JSW: Medial

Lateral

Marker diameter:

Interpreter Tester ID 1

Date Completed 1

Interpreter Tester ID 2

Date Completed 2

Protocol ID: _____

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Interview Date: _____

Section Title: Right knee**3) Osteophytes - RIGHT KNEE**Medial ☐ Normal (absent) ☐ Possible ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ UnknownLateral ☐ Normal (absent) ☐ Possible ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown**4) Narrowing - RIGHT KNEE**Medial ☐ Normal ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ UnknownLateral ☐ Normal ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown**5) Sclerosis - RIGHT KNEE**Medial ☐ Absent ☐ Present ☐ UnknownLateral ☐ Absent ☐ Present ☐ Unknown**6) Tibial spines-sharpening - RIGHT KNEE**☐ Absent ☐ Present ☐ Unknown**7) Chondrocalcinosis - RIGHT KNEE**☐ Absent ☐ Present ☐ Unknown**8) Old Trauma - RIGHT KNEE**☐ Absent ☐ Present ☐ Unknown

KL Grade for knees - RIGHT KNEE

- ☐ Grade 0 = No osteophytes normal joint space width
- ☐ Grade 1 = Doubtful narrowing possible osteophyte
- ☐ Grade 2 = Minimal definite osteophytes unimpaired joint space (JS)
- ☐ Grade 3 = Moderate osteophytes definite diminution of JS some sclerosis (OARSI 1-2)
- ☐ Grade 4 = Severe definite osteophytes joint space greatly narrowed (OARSI grade 3)
- ☐ Grade 5 = Endstage knee replaced

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Section Title: Left knee**3) Osteophytes - LEFT KNEE**Medial ☐ Normal (absent) ☐ Possible ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ UnknownLateral ☐ Normal (absent) ☐ Possible ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown**4) Narrowing - LEFT KNEE**Medial ☐ Normal ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ UnknownLateral ☐ Normal ☐ OARSI Grade1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown**5) Sclerosis - LEFT KNEE**Medial ☐ Absent ☐ Present ☐ UnknownLateral ☐ Absent ☐ Present ☐ Unknown**6) Tibial spines-sharpening - LEFT KNEE**☐ Absent ☐ Present ☐ Unknown**7) Chondrocalcinosis - LEFT KNEE**☐ Absent ☐ Present ☐ Unknown**8) Old Trauma - LEFT KNEE**☐ Absent ☐ Present ☐ Unknown

KL Grade for knees - LEFT KNEE

- ☐ Grade 0 = No osteophytes normal joint space width
- ☐ Grade 1 = Doubtful narrowing possible osteophyte
- ☐ Grade 2 = Minimal definite osteophytes unimpaired joint space (JS)
- ☐ Grade 3 = Moderate osteophytes definite diminution of JS some sclerosis (OARSI 1-2)
- ☐ Grade 4 = Severe definite osteophytes joint space greatly narrowed (OARSI grade 3)
- ☐ Grade 5 = Endstage knee replaced

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