

Protocol ID: _____

Study Name: _____

Site: _____

Event Name: _____

Event Date: _____

Study Subject ID: _____

Interviewer Name: _____

Interview Date: _____

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

Date Completed

☐ blank

Tester ID

Which hand(s) was submitted to interpretation?

☐ Both ☐ Left only ☐ Right only ☐ None

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

RIGHT

☐ Yes ☐ No

LEFT

☐ Yes ☐ No

2) Is the index finger aligned with the radius along the long axis of the cassette?

RIGHT

☐ Yes ☐ No

LEFT

☐ Yes ☐ No

3) Are the fingers slightly spread apart and the thumb slightly extended?

RIGHT

☐ Yes ☐ No

LEFT

☐ Yes ☐ No

4) Are ALL DIPs visible in the film?

RIGHT

☐ Yes ☐ No

LEFT

☐ Yes ☐ No

5) Is the wrist visible?

RIGHT ☐ Yes ☐ No

LEFT ☐ Yes ☐ No

6) Is there any hardware or artifact visible?

RIGHT ☐ Yes ☐ No

LEFT ☐ Yes ☐ No

XRAY READER CHECKLIST

7) Does the film optimally depict the trabeculae and joints?

RIGHT ☐ Yes ☐ No

LEFT ☐ Yes ☐ No

8) Is the soft tissue visible

RIGHT ☐ Yes ☐ No

LEFT ☐ Yes ☐ No

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Interview Date: _____

Section Title: R Hand

Tester ID

Date Completed

Tester ID 2

Date Completed 2

RIGHT - OsteophytesWrist ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown1st CMP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown1st IP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown2nd DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown2nd PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown3rd DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown3rd PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown4th DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown4th PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown5th DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown5th PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown

RIGHT - Narrowing

- Wrist ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 1st CMP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 1st IP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 2nd DIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 2nd PIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 3rd DIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 3rd PIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 4th DIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 4th PIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 5th DIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown
- 5th PIP ☐ Normal ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown

RIGHT - Sclerosis

- Wrist ☐ Absent ☐ Present ☐ Unknown
- 1st CMP ☐ Absent ☐ Present ☐ Unknown
- 1st IP ☐ Absent ☐ Present ☐ Unknown
- 2nd DIP ☐ Absent ☐ Present ☐ Unknown
- 2nd PIP ☐ Absent ☐ Present ☐ Unknown
- 3rd DIP ☐ Absent ☐ Present ☐ Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP ☐ Absent ☐ Present ☐ Unknown

5th DIP ☐ Absent ☐ Present ☐ Unknown

5th PIP ☐ Absent ☐ Present ☐ Unknown

RIGHT - Deformity

Wrist ☐ Absent ☐ Present ☐ Unknown

1st CMP ☐ Absent ☐ Present ☐ Unknown

1st IP ☐ Absent ☐ Present ☐ Unknown

2nd DIP ☐ Absent ☐ Present ☐ Unknown

2nd PIP ☐ Absent ☐ Present ☐ Unknown

3rd DIP ☐ Absent ☐ Present ☐ Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP ☐ Absent ☐ Present ☐ Unknown

5th DIP ☐ Absent ☐ Present ☐ Unknown

5th PIP ☐ Absent ☐ Present ☐ Unknown

RIGHT - Chondro calcinosis

Wrist ☐ Absent ☐ Present ☐ Unknown

1st CMP ☐ Absent ☐ Present ☐ Unknown

1st IP ☐ Absent ☐ Present ☐ Unknown

2nd DIP ☐ Absent ☐ Present ☐ Unknown

2nd PIP ☐ Absent ☐ Present ☐ Unknown

3rd DIP ☐ Absent ☐ Present ☐ Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP ☐ Absent ☐ Present ☐ Unknown

5th DIP ☐ Absent ☐ Present ☐ Unknown

5th PIP ☐ Absent ☐ Present ☐ Unknown

RIGHT - Old Trauma

Wrist ☐ Absent ☐ Present ☐ Unknown

1st CMP ☐ Absent ☐ Present ☐ Unknown

1st IP ☐ Absent ☐ Present ☐ Unknown

2nd DIP ☐ Absent ☐ Present ☐ Unknown

2nd PIP ☐ Absent ☐ Present ☐ Unknown

3rd DIP ☐ Absent ☐ Present ☐ Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP

☐ Absent ☐ Present ☐ Unknown

5th DIP

☐ Absent ☐ Present ☐ Unknown

5th PIP

☐ Absent ☐ Present ☐ Unknown

KL Grade for RIGHT hand

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

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Event Date: _____

Study Subject ID: _____

Interviewer Name: _____

Interview Date: _____

Section Title: L Hand

Tester ID

Date Completed

Tester ID 2

Date Completed 2

LEFT - OsteophytesWrist ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown1st CMP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown1st IP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown2nd DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown2nd PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown3rd DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown3rd PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown4th DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown4th PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown5th DIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown5th PIP ☐ Normal (absent) ☐ Possible (detached) ☐ OARSI Grade 1 ☐ OARSI Grade 2 ☐ OARSI Grade 3 ☐ Unknown

LEFT - Narrowing

Wrist	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
1st CMP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
1st IP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
2nd DIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
2nd PIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
3rd DIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
3rd PIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
4th DIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
4th PIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
5th DIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown
5th PIP	<input type="radio"/> Normal <input type="radio"/> OARSI Grade 1 <input type="radio"/> OARSI Grade 2 <input type="radio"/> OARSI Grade 3 <input type="radio"/> Unknown

LEFT - Sclerosis

Wrist	<input type="radio"/> Absent <input type="radio"/> Present <input type="radio"/> Unknown
1st CMP	<input type="radio"/> Absent <input type="radio"/> Present <input type="radio"/> Unknown
1st IP	<input type="radio"/> Absent <input type="radio"/> Present <input type="radio"/> Unknown
2nd DIP	<input type="radio"/> Absent <input type="radio"/> Present <input type="radio"/> Unknown
2nd PIP	<input type="radio"/> Absent <input type="radio"/> Present <input type="radio"/> Unknown
3rd DIP	<input type="radio"/> Absent <input type="radio"/> Present <input type="radio"/> Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP ☐ Absent ☐ Present ☐ Unknown

5th DIP ☐ Absent ☐ Present ☐ Unknown

5th PIP ☐ Absent ☐ Present ☐ Unknown

LEFT - Deformity

Wrist ☐ Absent ☐ Present ☐ Unknown

1st CMP ☐ Absent ☐ Present ☐ Unknown

1st IP ☐ Absent ☐ Present ☐ Unknown

2nd DIP ☐ Absent ☐ Present ☐ Unknown

2nd PIP ☐ Absent ☐ Present ☐ Unknown

3rd DIP ☐ Absent ☐ Present ☐ Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP ☐ Absent ☐ Present ☐ Unknown

5th DIP ☐ Absent ☐ Present ☐ Unknown

5th PIP ☐ Absent ☐ Present ☐ Unknown

LEFT - Chondro calcinosis

Wrist ☐ Absent ☐ Present ☐ Unknown

1st CMP ☐ Absent ☐ Present ☐ Unknown

1st IP ☐ Absent ☐ Present ☐ Unknown

2nd DIP ☐ Absent ☐ Present ☐ Unknown

2nd PIP ☐ Absent ☐ Present ☐ Unknown

3rd DIP ☐ Absent ☐ Present ☐ Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP ☐ Absent ☐ Present ☐ Unknown

5th DIP ☐ Absent ☐ Present ☐ Unknown

5th PIP ☐ Absent ☐ Present ☐ Unknown

LEFT - Old Trauma

Wrist ☐ Absent ☐ Present ☐ Unknown

1st CMP ☐ Absent ☐ Present ☐ Unknown

1st IP ☐ Absent ☐ Present ☐ Unknown

2nd DIP ☐ Absent ☐ Present ☐ Unknown

2nd PIP ☐ Absent ☐ Present ☐ Unknown

3rd DIP ☐ Absent ☐ Present ☐ Unknown

3rd PIP ☐ Absent ☐ Present ☐ Unknown

4th DIP ☐ Absent ☐ Present ☐ Unknown

4th PIP

☐ Absent ☐ Present ☐ Unknown

5th DIP

☐ Absent ☐ Present ☐ Unknown

5th PIP

☐ Absent ☐ Present ☐ Unknown

KL Grade for LEFT hand

- ☐ Grade 0 = No osteophytes normal joint space width
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