

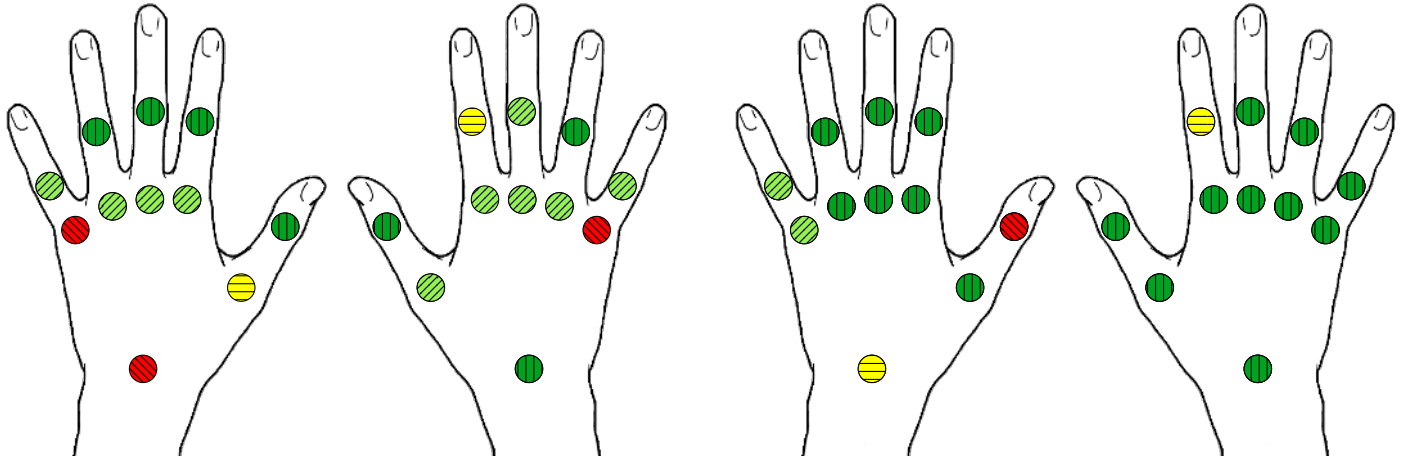


**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

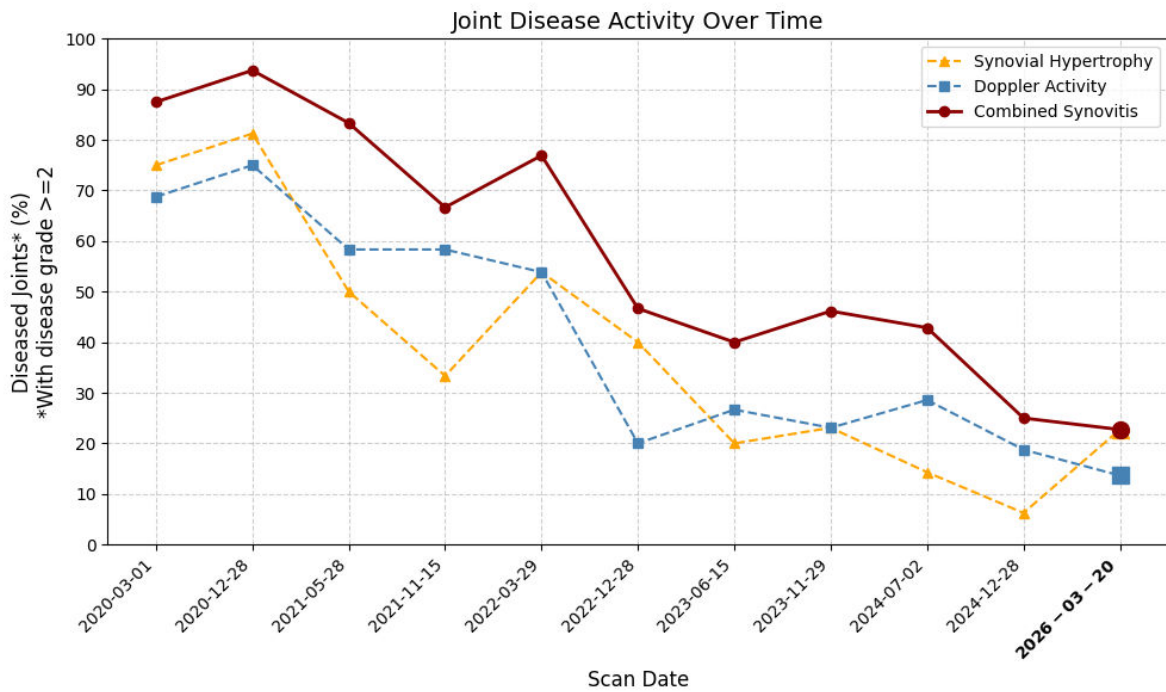
# Patient ID: DEMO REPORT

## Synovial Hypertrophy

## Doppler



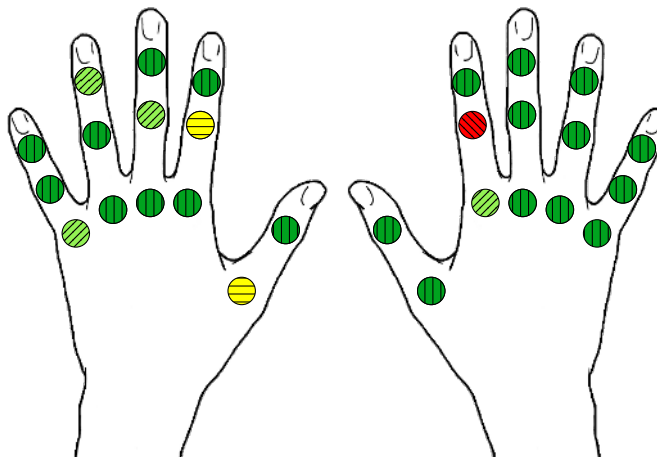
- Class 0
- ▨ Class 1
- ▨ Class 2
- Class 3
- Analysis skipped due to poor image quality
- Unsuccessful scan



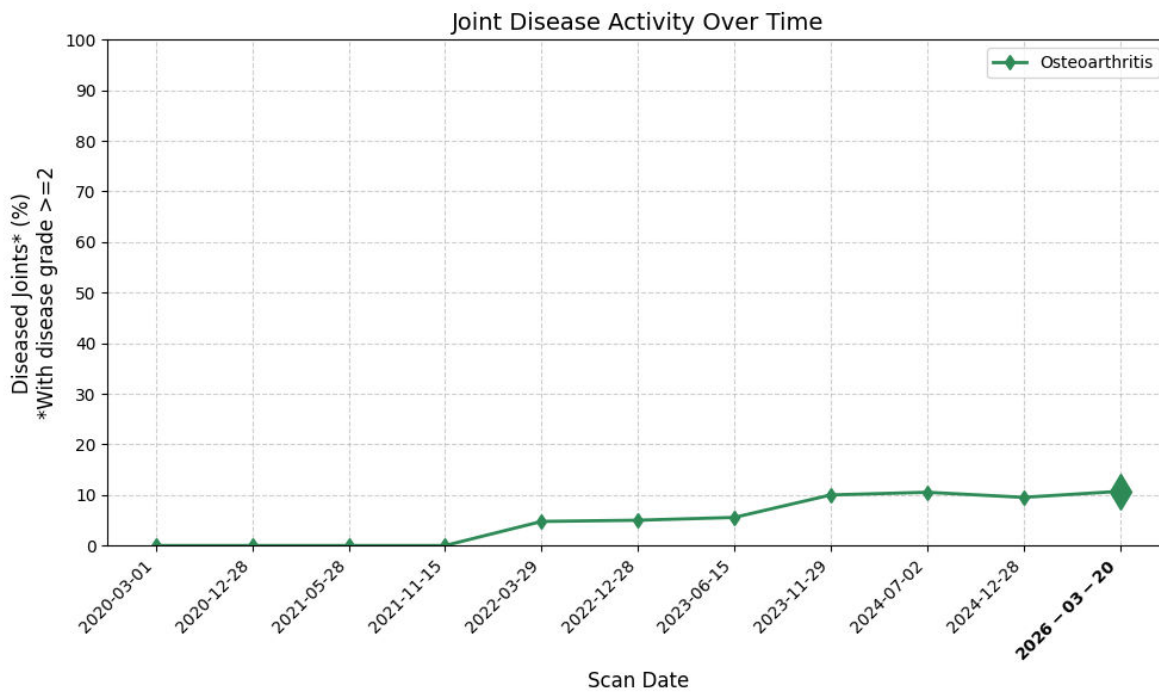


**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Osteophytes



- Class 0
- Class 1
- Class 2
- Class 3
- Analysis skipped due to poor image quality
- Unsuccessful scan





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## Current Scan

| Left Hand |       |    |         |    |            | Right Hand |       |    |         |    |            |
|-----------|-------|----|---------|----|------------|------------|-------|----|---------|----|------------|
| Page      | Joint | SH | Doppler | EO | Osteophyte | Page       | Joint | SH | Doppler | EO | Osteophyte |
| 3         | RCIC  | 3  | 2       | 3  | -          | 18         | RCIC  | 0  | 0       | 0  | -          |
| 4         | MCP-1 | 2  | 0       | 2  | 2          | 19         | MCP-1 | 1  | 0       | 1  | 0          |
| 5         | MCP-2 | 1  | 0       | 1  | 0          | 20         | MCP-2 | 1  | 0       | 1  | 1          |
| 6         | MCP-3 | 1  | 0       | 1  | 0          | 21         | MCP-3 | 1  | 0       | 1  | 0          |
| 7         | MCP-4 | 1  | 0       | 1  | 0          | 22         | MCP-4 | 1  | 0       | 1  | 0          |
| 8         | MCP-5 | 3  | 1       | 3  | 1          | 23         | MCP-5 | 3  | 0       | 3  | 0          |
| 9         | PIP-1 | 0  | 3 ✕     | 0  | 0          | 24         | PIP-1 | 0  | 0 ✕     | 0  | 0          |
| 10        | PIP-2 | 0  | 0       | 0  | 2          | 25         | PIP-2 | 2  | 2       | 2  | 3          |
| 11        | PIP-3 | 0  | 0       | 0  | 1          | 26         | PIP-3 | 1  | 0       | 1  | 0          |
| 12        | PIP-4 | 0  | 0       | 0  | 0          | 27         | PIP-4 | 0  | 0       | 0  | 0          |
| 13        | PIP-5 | 1  | 1 ✕     | 1  | 0          | 28         | PIP-5 | 1  | 0       | 1  | 0          |
| 14        | DIP-2 | -  | -       | -  | 0          | 29         | DIP-2 | -  | -       | -  | 0          |
| 15        | DIP-3 | -  | -       | -  | 0          | 30         | DIP-3 | -  | - ✕     | -  | 0          |
| 16        | DIP-4 | -  | - ✕     | -  | 1          | 31         | DIP-4 | -  | -       | -  | 0          |
| 17        | DIP-5 | -  | -       | -  | 0          | 32         | DIP-5 | -  | -       | -  | 0          |

✕ = Noise detected on Doppler image

A description of the grading of synovial hypertrophy, Doppler activity and osteophytes can be found in the user manual

## Scans Overview

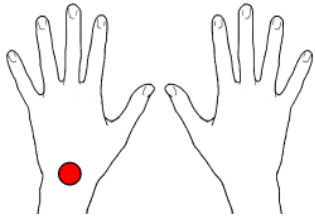
| Scan date  | Joints expected scanned | Joints scanned | Joints with SH* | Joints with Doppler activity* | Joints with osteophytes* |
|------------|-------------------------|----------------|-----------------|-------------------------------|--------------------------|
| 2026-03-20 | 30                      | 30             | 5               | 3                             | 3                        |
| 2024-12-28 | 21                      | 21             | 1               | 3                             | 2                        |
| 2024-07-02 | 19                      | 19             | 2               | 4                             | 2                        |
| 2023-11-29 | 20                      | 20             | 3               | 3                             | 2                        |
| 2023-06-15 | 18                      | 18             | 3               | 4                             | 1                        |
| 2022-12-28 | 20                      | 20             | 6               | 3                             | 1                        |
| 2022-03-29 | 21                      | 21             | 7               | 7                             | 1                        |
| 2021-11-15 | 18                      | 18             | 4               | 7                             | 0                        |
| 2021-05-28 | 18                      | 18             | 6               | 7                             | 0                        |
| 2020-12-28 | 22                      | 22             | 13              | 12                            | 0                        |
| 2020-03-01 | 22                      | 22             | 12              | 11                            | 0                        |

\*With disease grade  $\geq 2$



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## Left RCIC



### Synovial Hypertrophy score: 3

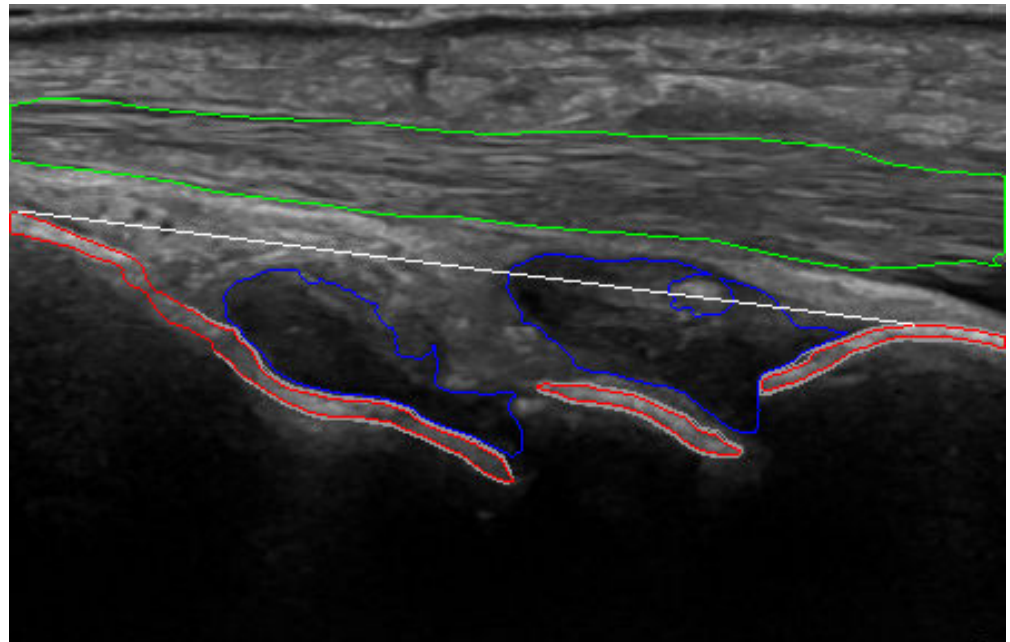
Synovial hypertrophy above the joint line with a convex surface

### Doppler score: 2

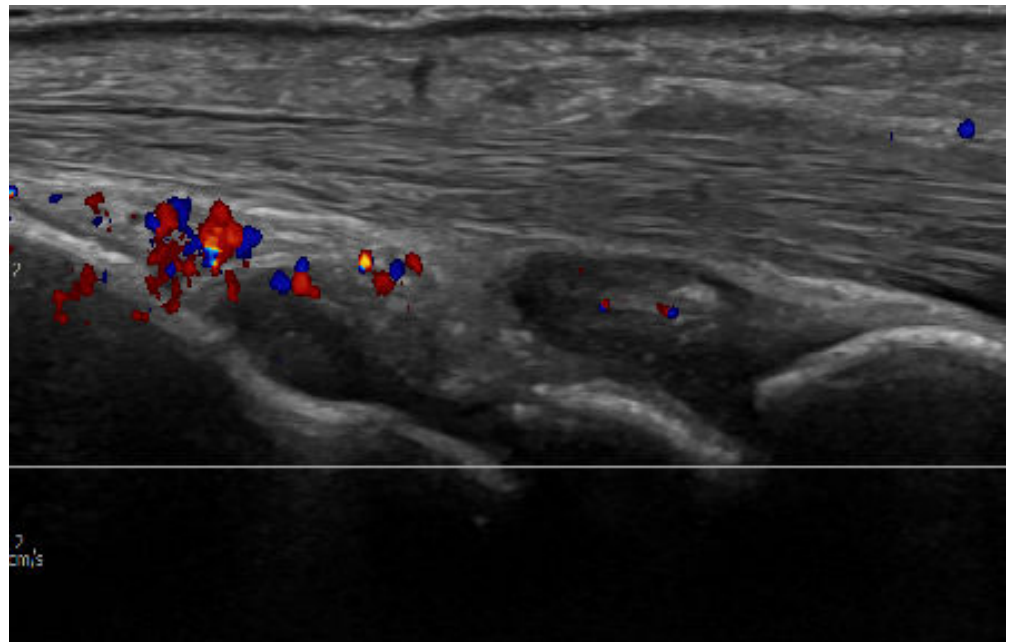
Moderate Doppler activity (6 spots & 1 confluent spots inside synovium)

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



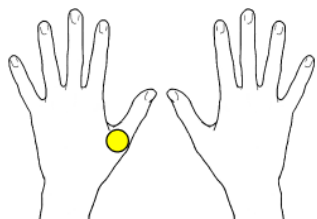
### Doppler





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## Left MCP-1



**Synovial Hypertrophy score: 2**

Synovial hypertrophy above the joint line with a concave surface

**Doppler score: 0**

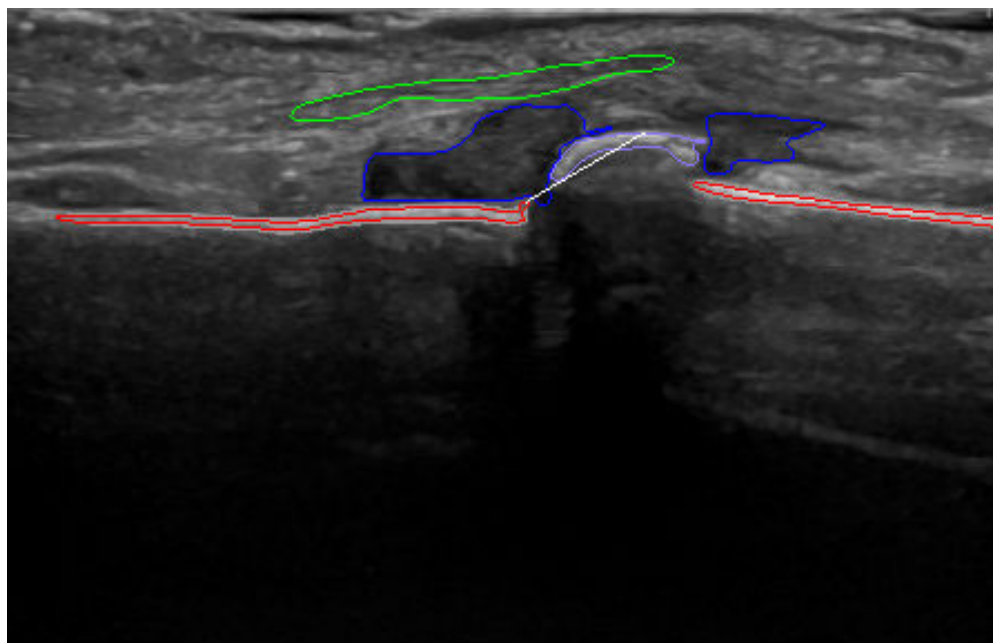
No Doppler activity

**Osteophyte score: 2**

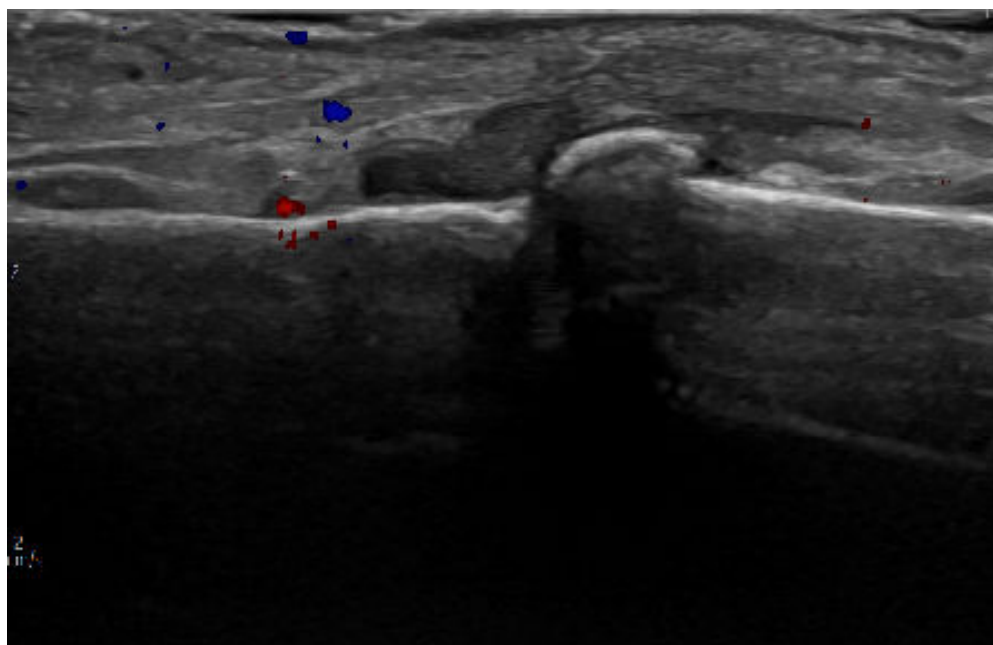
1 osteophytes with a large vertical distance to the bone

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



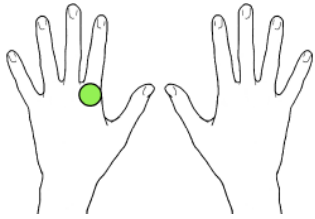
### Doppler





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## Left MCP-2



### Synovial Hypertrophy score: 1

Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

### Doppler score: 0

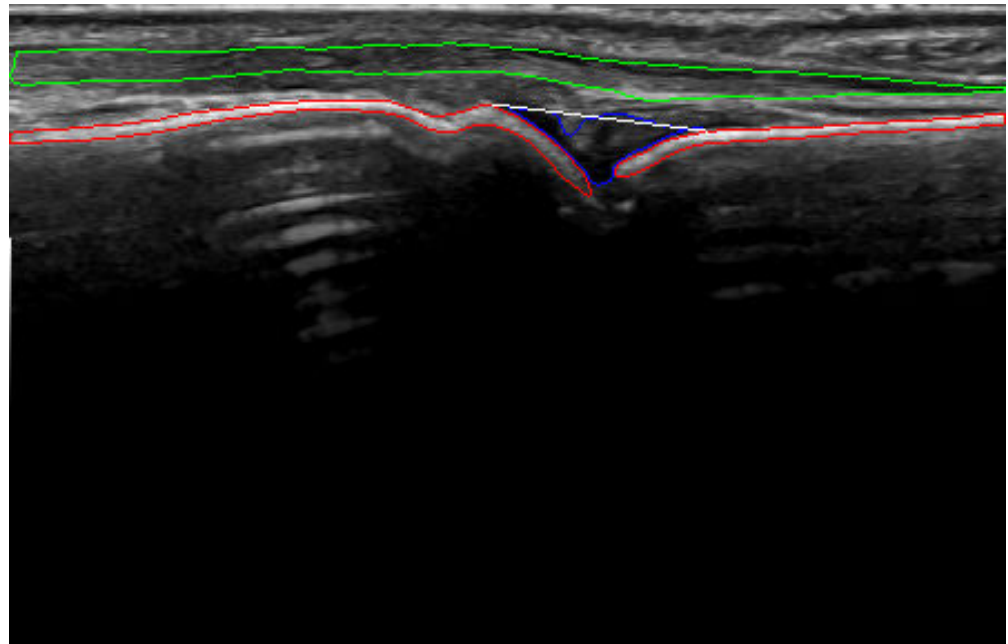
No Doppler activity

### Osteophyte score: 0

No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



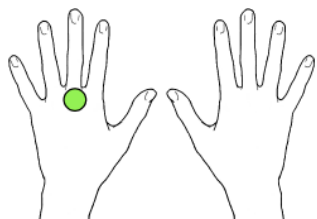
### Doppler





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## Left MCP-3



### Synovial Hypertrophy score: 1

Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

### Doppler score: 0

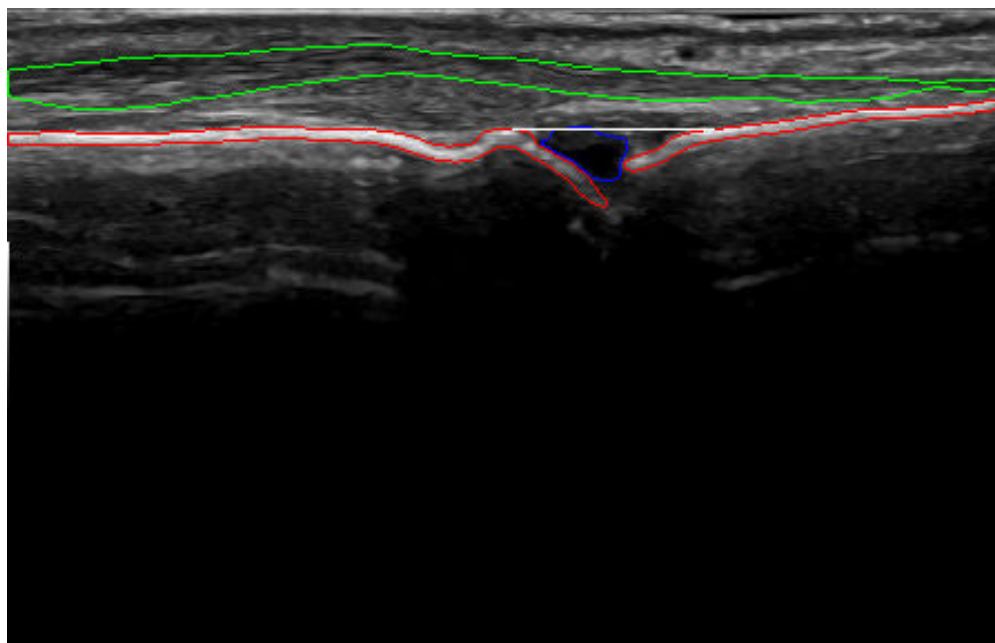
No Doppler activity

### Osteophyte score: 0

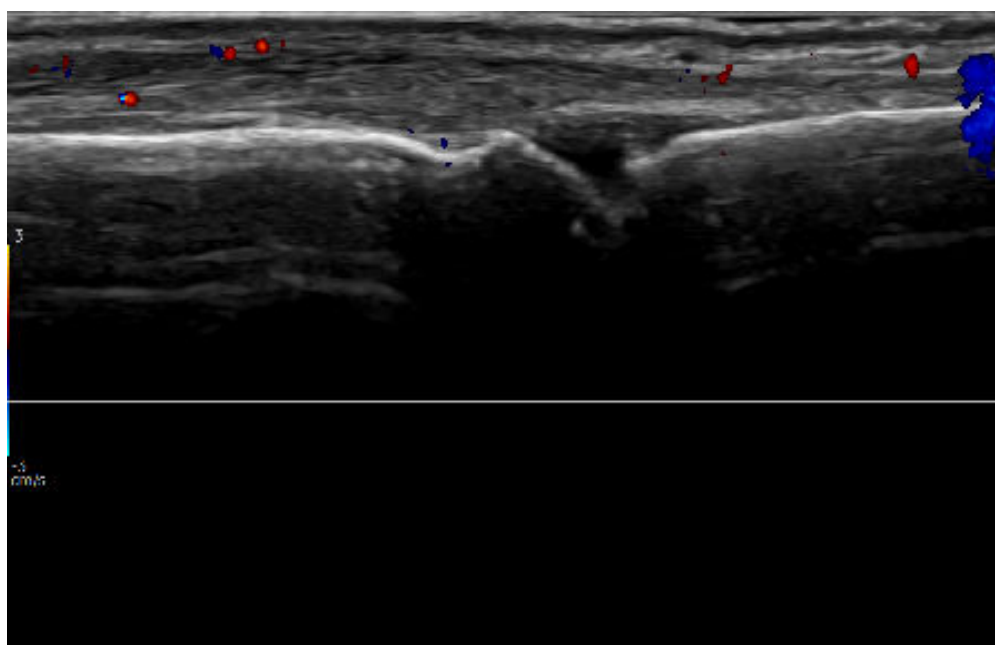
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



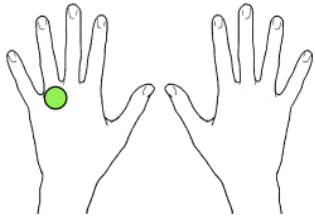
### Doppler





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## Left MCP-4



### Synovial Hypertrophy score: 1

Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

### Doppler score: 0

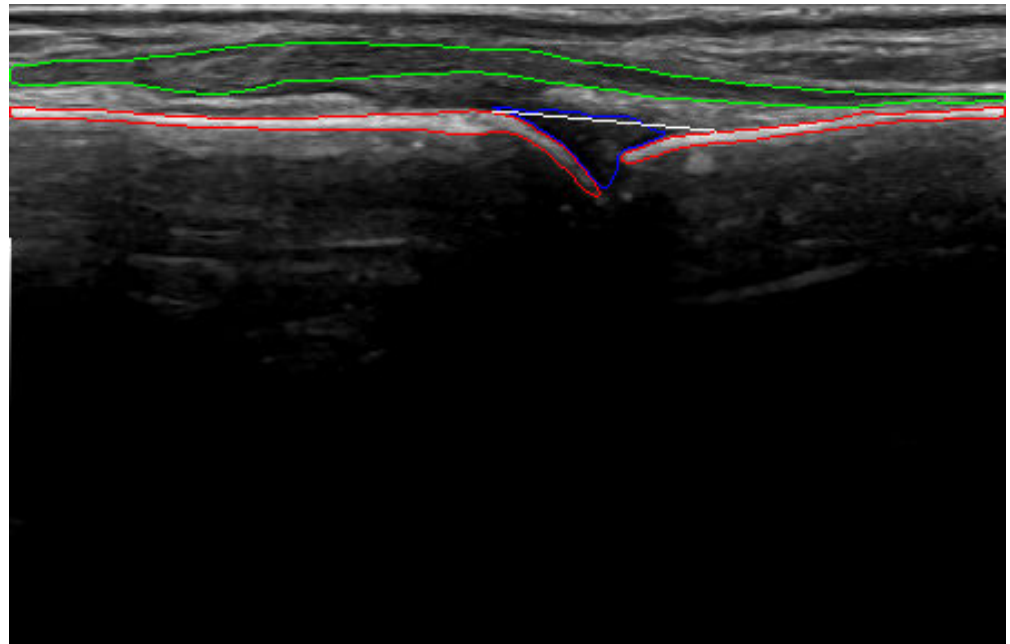
No Doppler activity

### Osteophyte score: 0

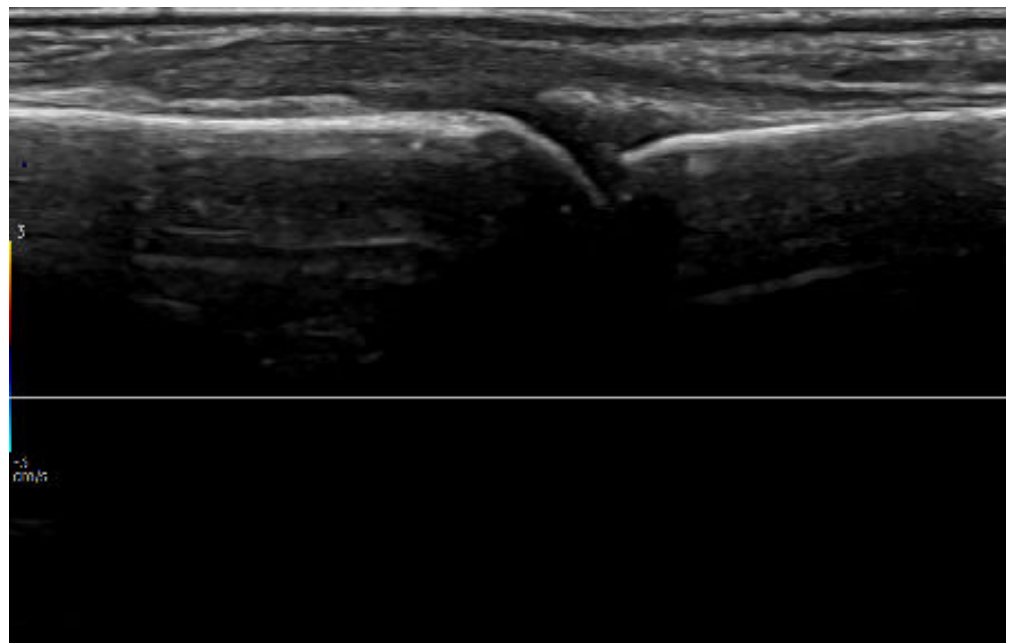
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



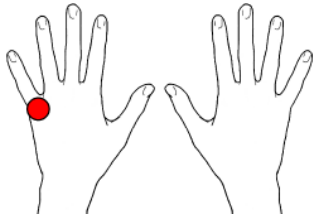
### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Left MCP-5



### Synovial Hypertrophy score: 3

Synovial hypertrophy above the joint line with a convex surface

### Doppler score: 1

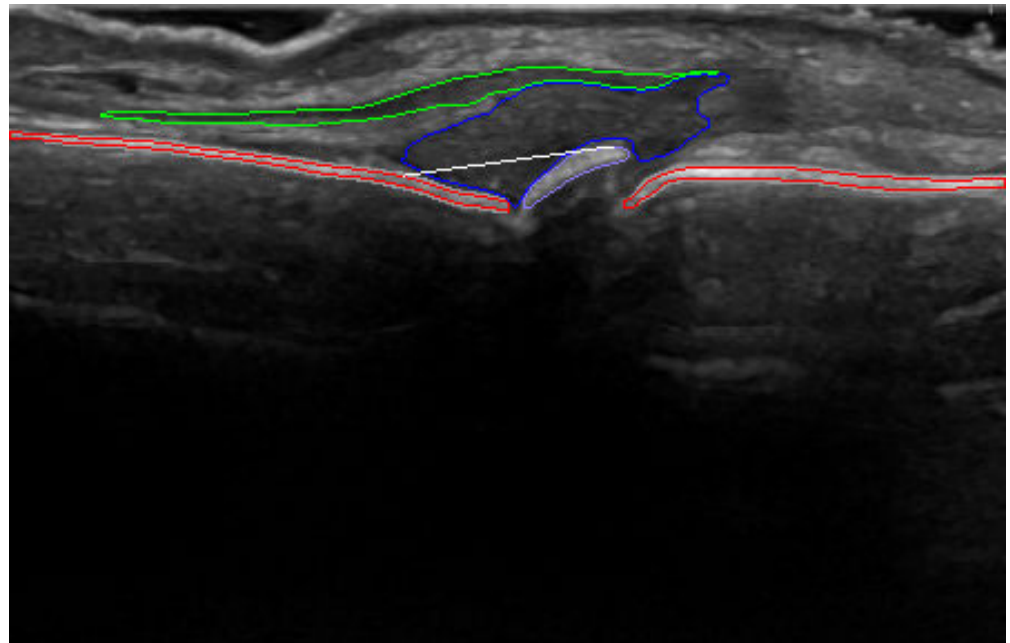
Minimal Doppler activity (1 spots & 0 confluent spots inside synovium)

### Osteophyte score: 1

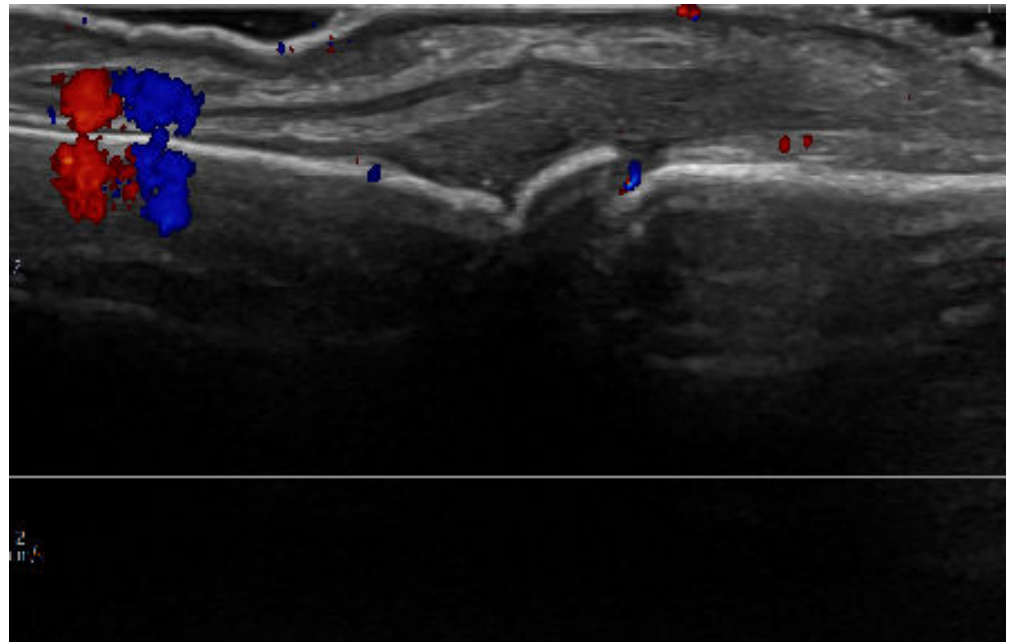
1 osteophyte with marginal vertical distance to the bone

### B-Mode

-  Bone
-  Osteophyte
-  Synovium
-  Tendon
-  Artifact



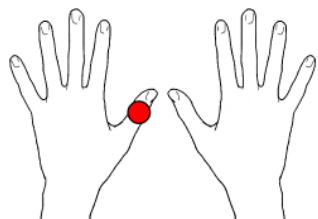
### Doppler





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## Left PIP-1



**Synovial Hypertrophy score: 0**

No signs of synovial hypertrophy

**Doppler score: 3**

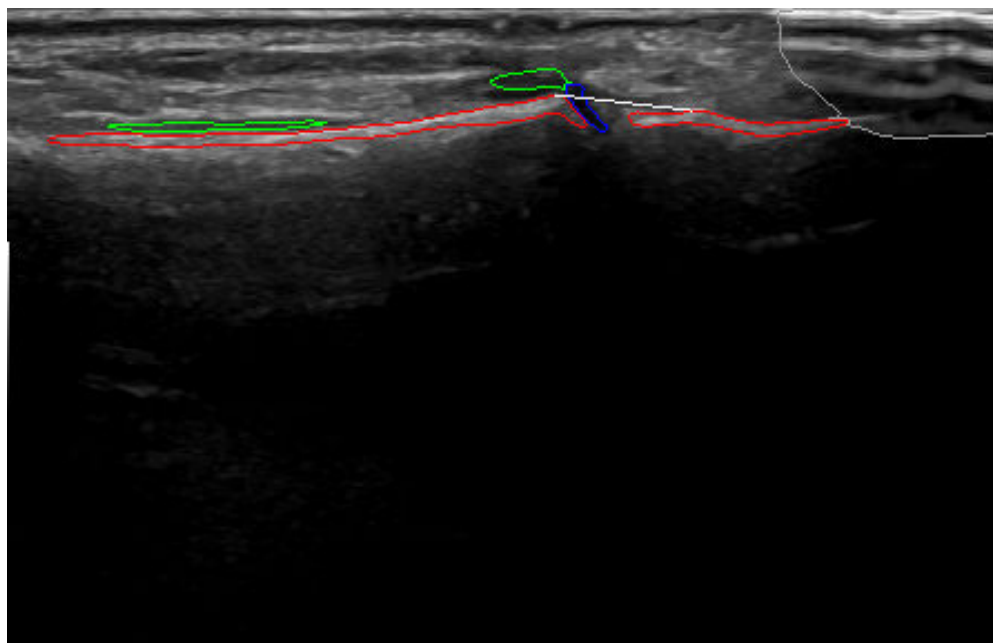
Severe Doppler activity (98% of synovium covered in Doppler activity) (Doppler image contains noise)

**Osteophyte score: 0**

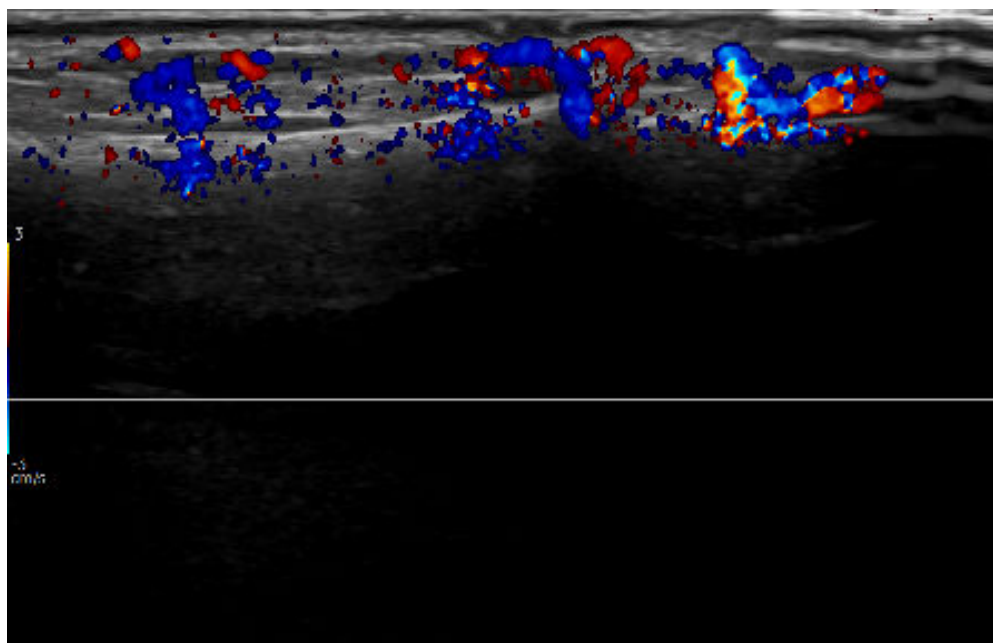
No osteophytes identified

### B-Mode

-  Bone
-  Osteophyte
-  Synovium
-  Tendon
-  Artifact



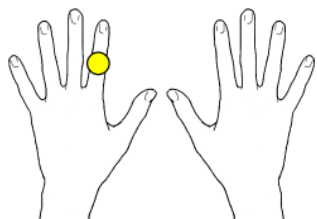
### Doppler





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## Left PIP-2



**Synovial Hypertrophy score: 0**

No signs of synovial hypertrophy

**Doppler score: 0**

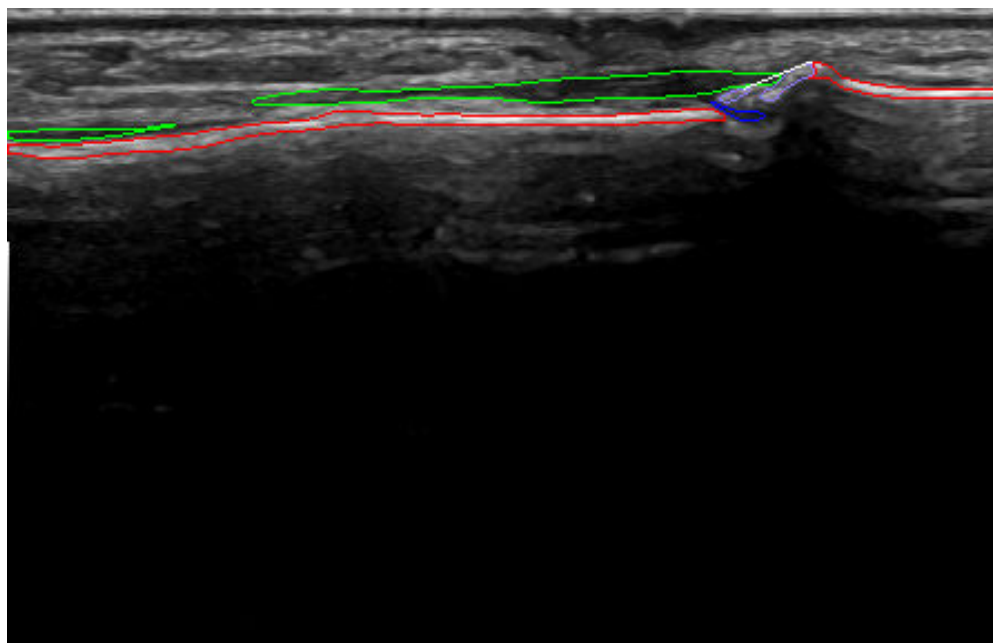
No Doppler activity

**Osteophyte score: 2**

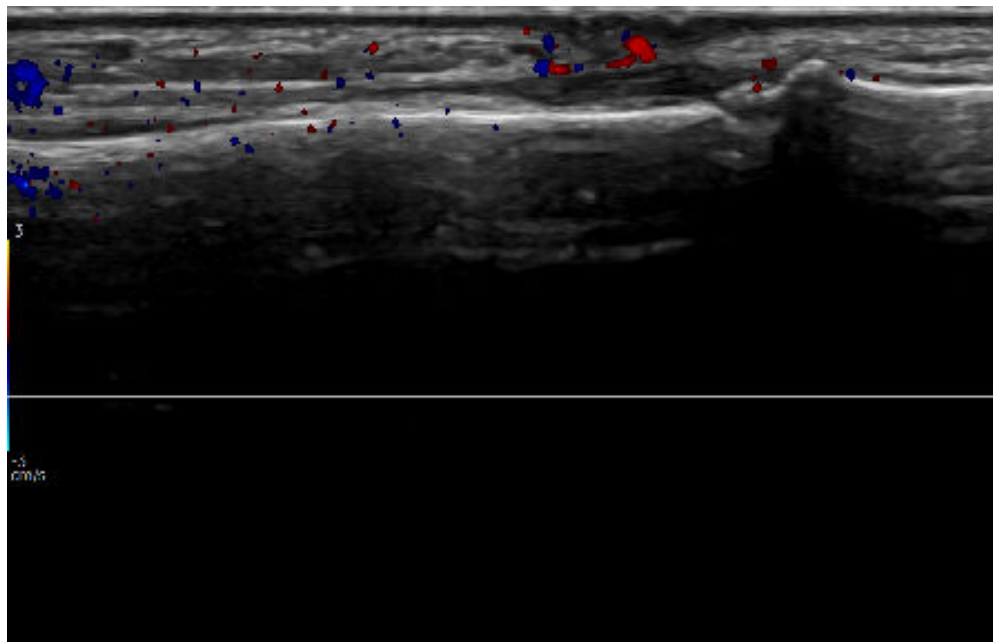
2 osteophytes with a marginal vertical distance to the bone

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



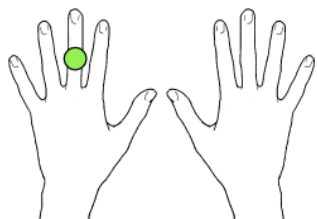
### Doppler





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## Left PIP-3



**Synovial Hypertrophy score: 0**

No signs of synovial hypertrophy

**Doppler score: 0**

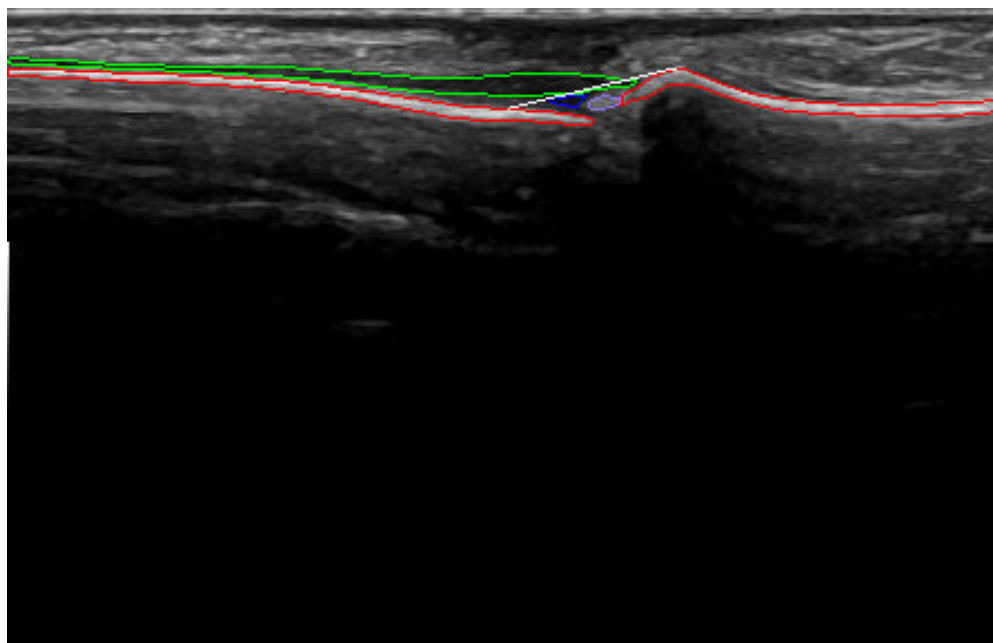
No Doppler activity

**Osteophyte score: 1**

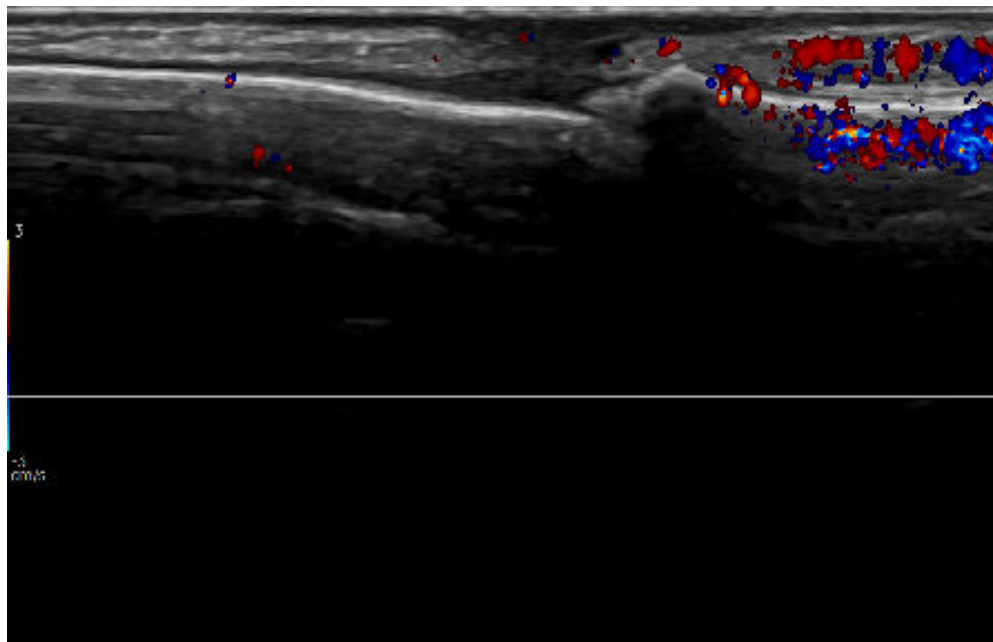
1 osteophyte with marginal vertical distance to the bone

### B-Mode

-  Bone
-  Osteophyte
-  Synovium
-  Tendon
-  Artifact



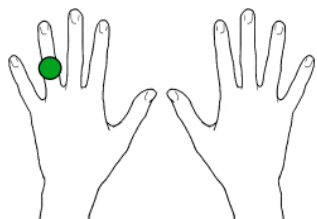
### Doppler





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## Left PIP-4



**Synovial Hypertrophy score: 0**

No signs of synovial hypertrophy

**Doppler score: 0**

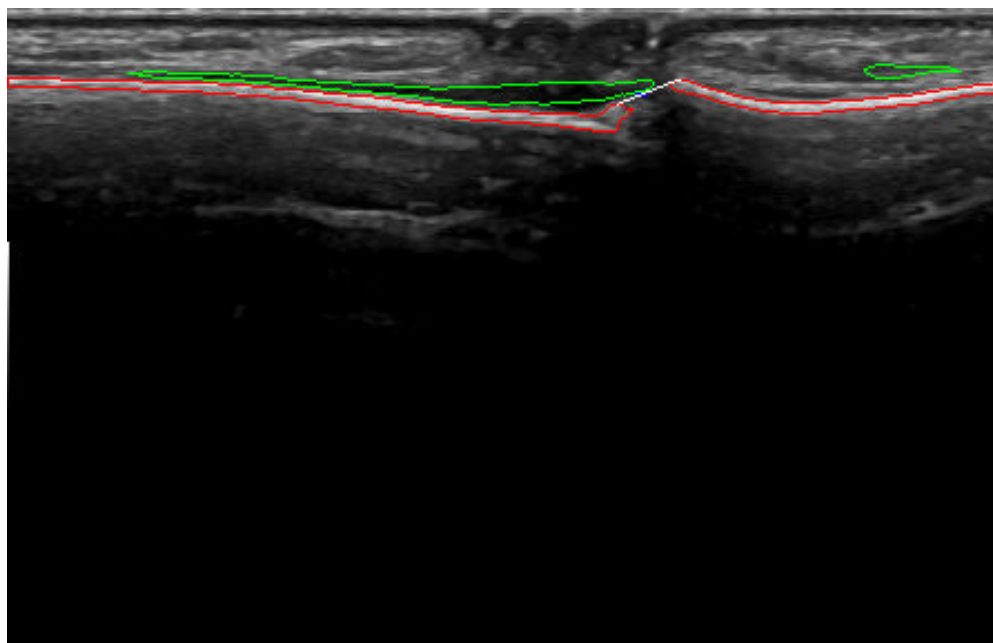
No Doppler activity

**Osteophyte score: 0**

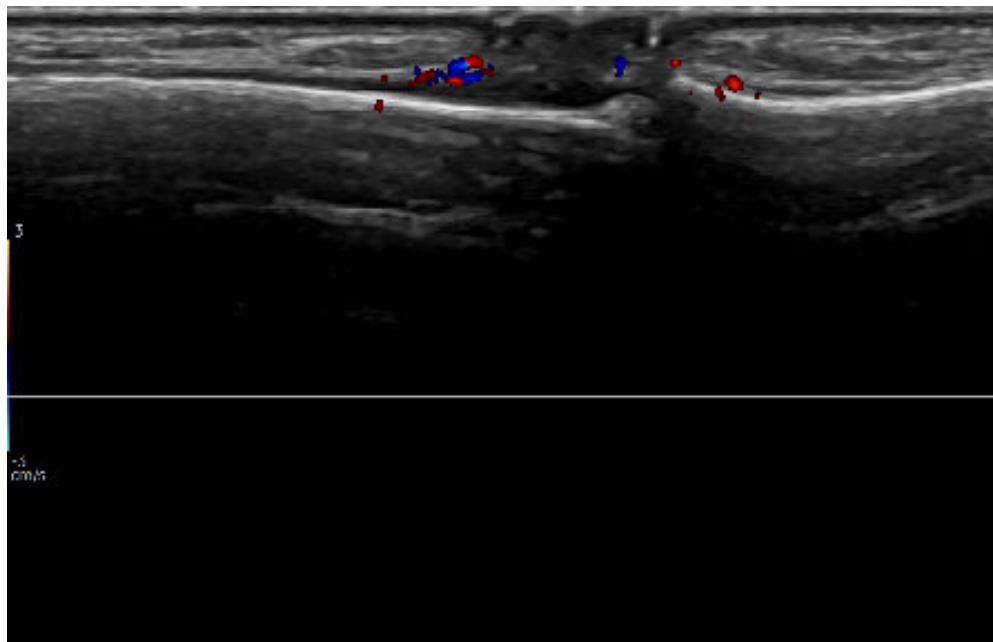
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



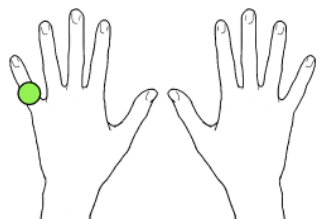
### Doppler





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## Left PIP-5



### Synovial Hypertrophy score: 1

Minimal synovial hypertrophy (based on its area)

### Doppler score: 1

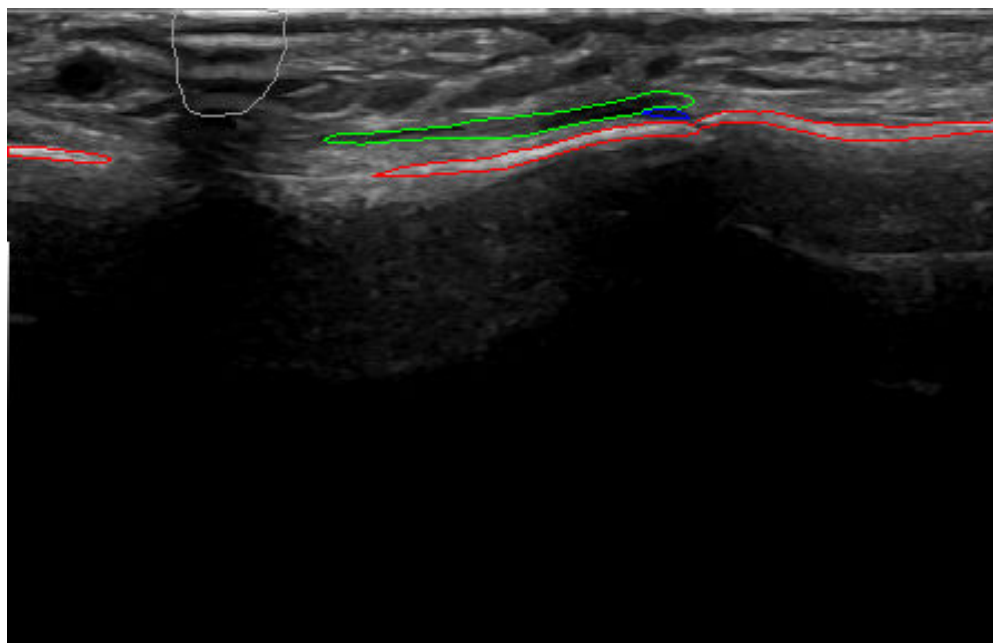
Minimal Doppler activity (1 spots & 0 confluent spots inside synovium) (Doppler image contains noise)

### Osteophyte score: 0

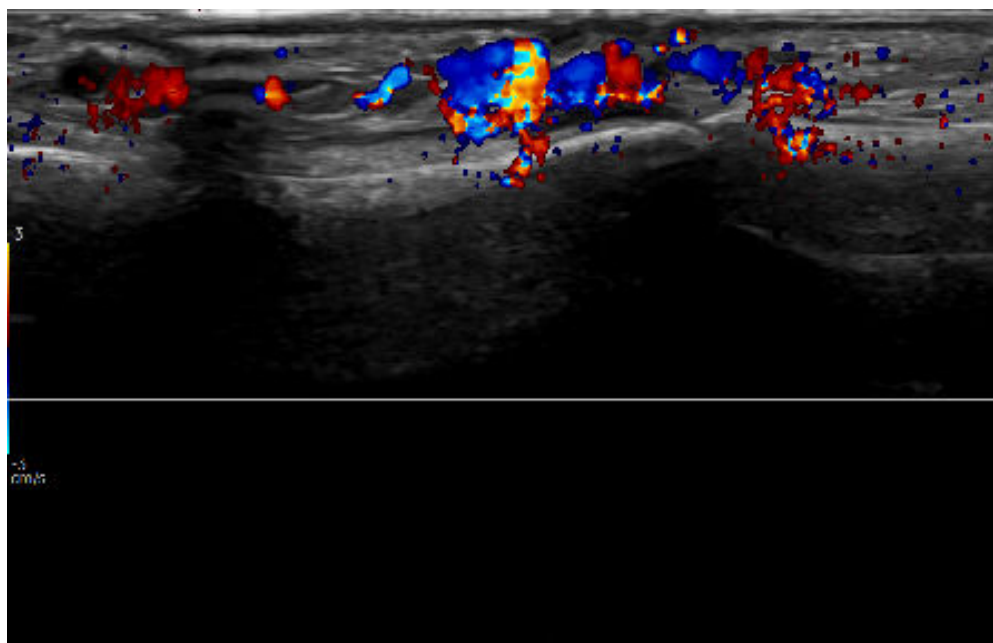
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



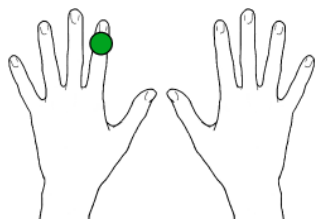
### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

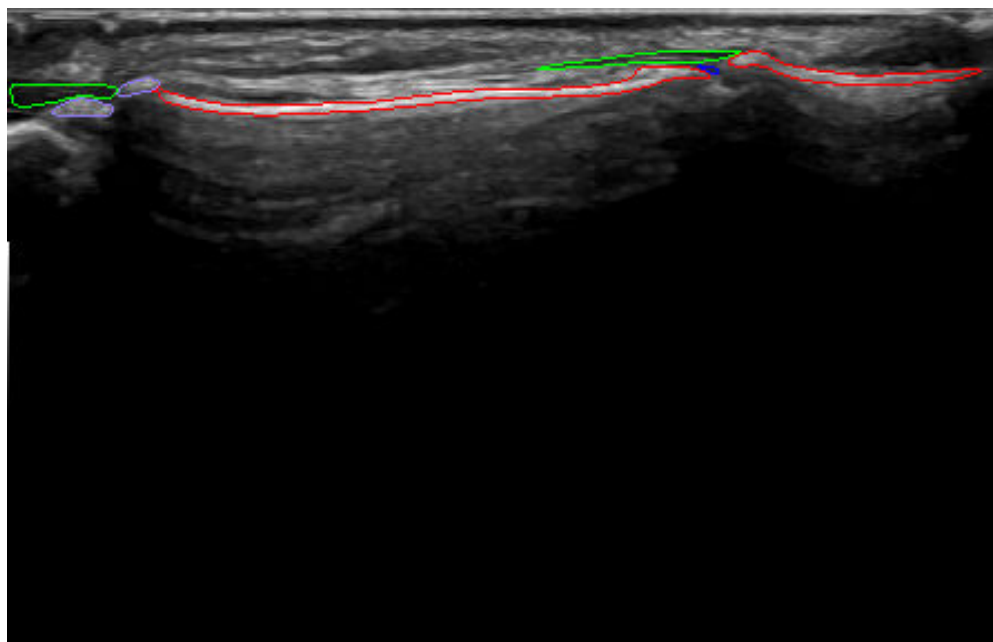
## Left DIP-2



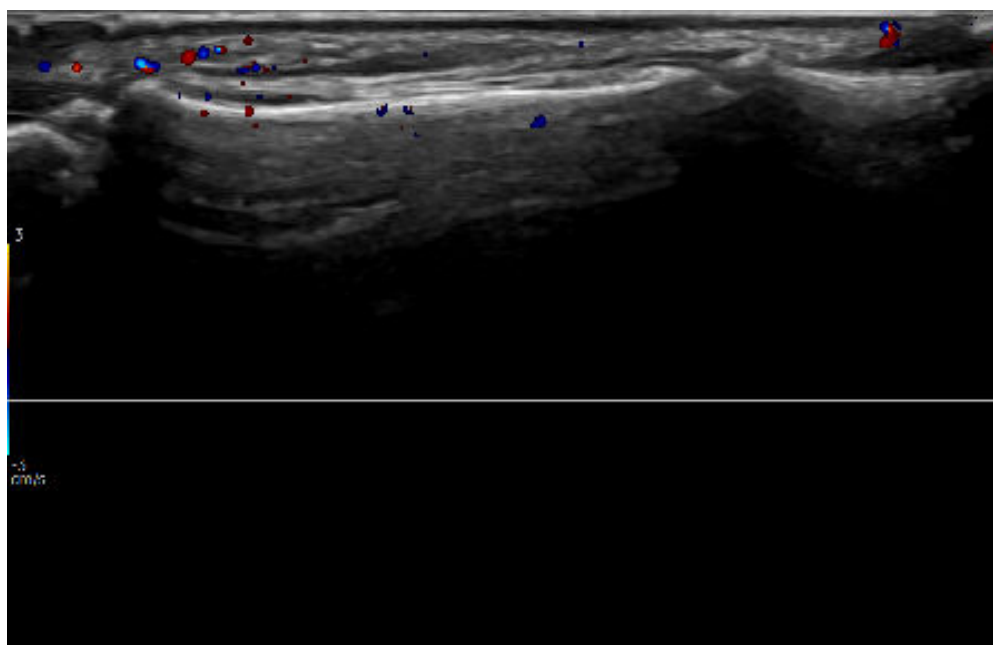
**Osteophyte score: 0**  
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



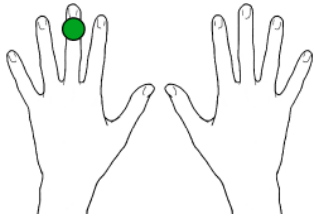
### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

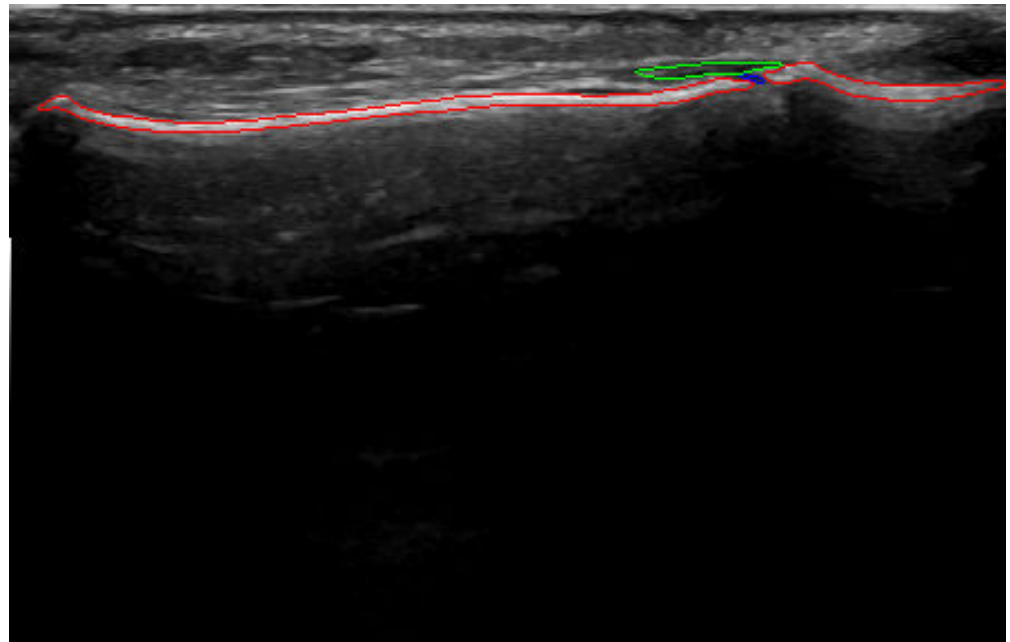
## Left DIP-3



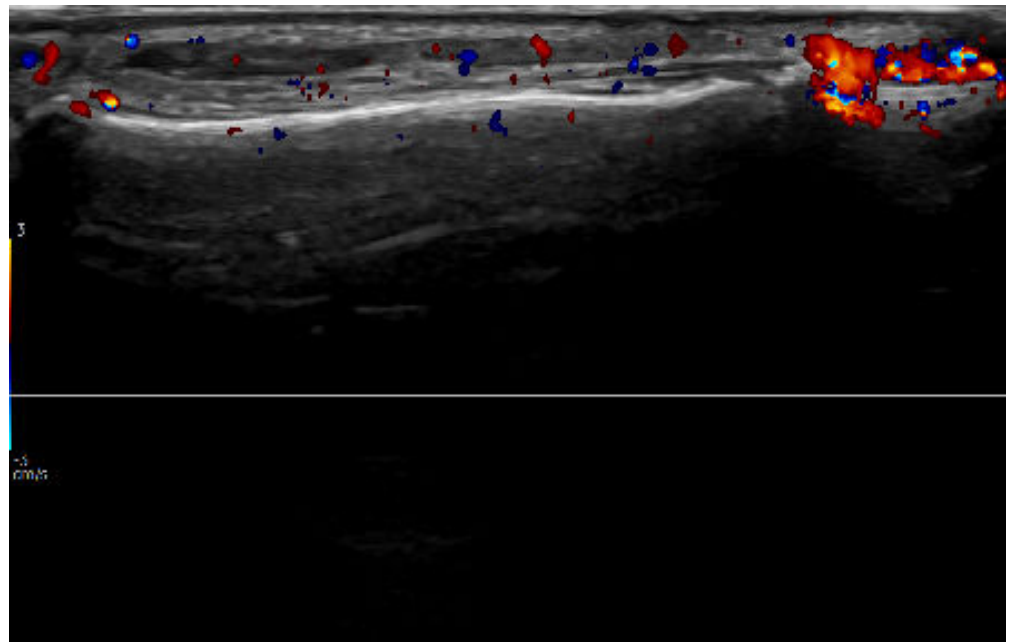
**Osteophyte score: 0**  
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



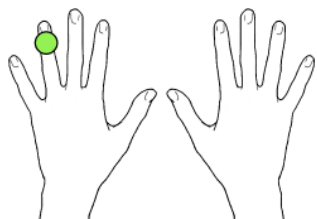
### Doppler





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## Left DIP-4

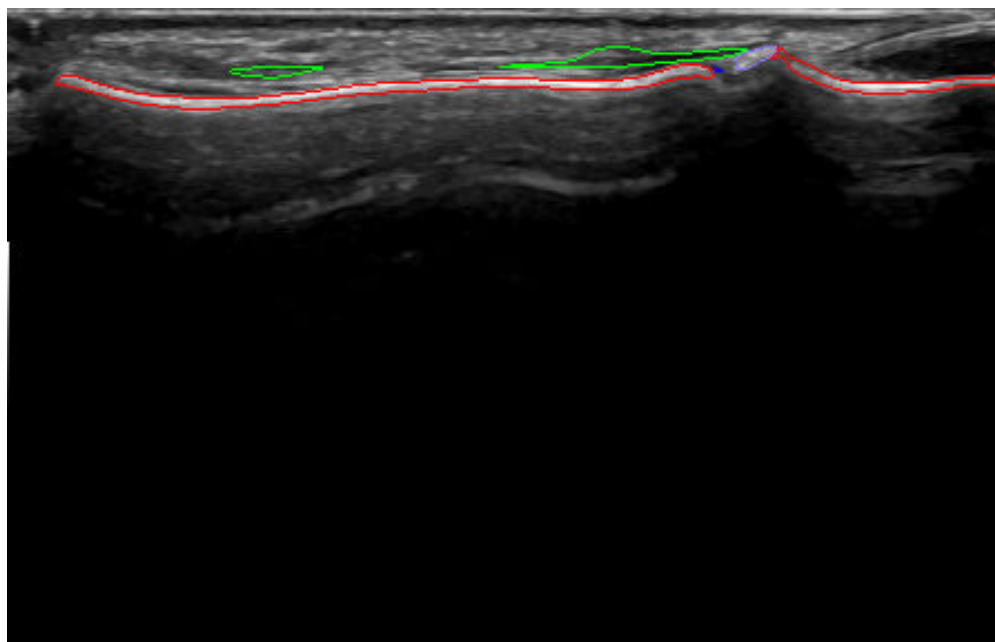


### Osteophyte score: 1

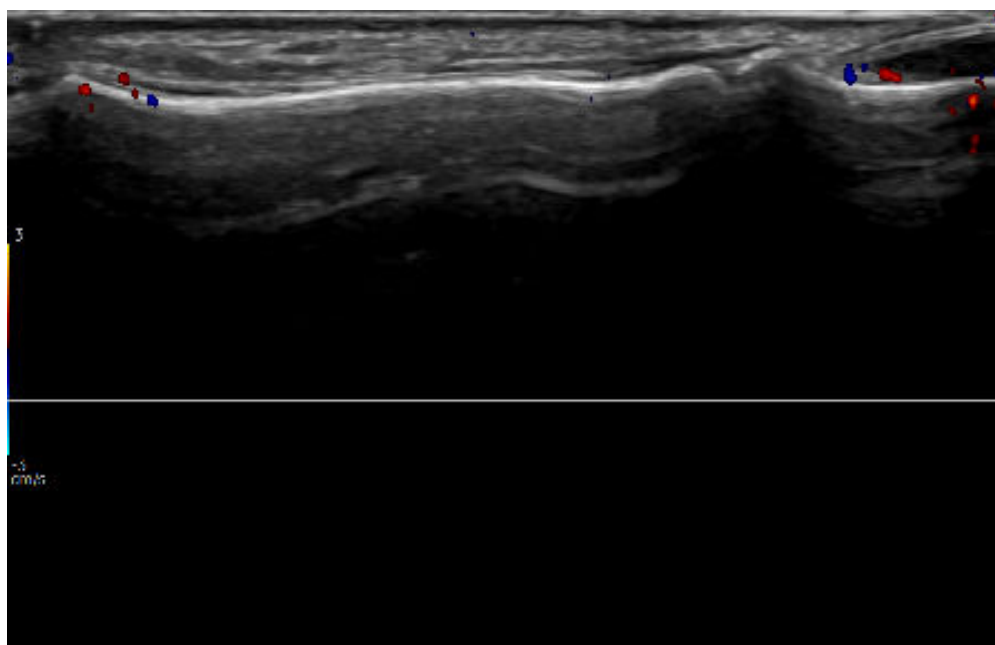
1 osteophyte with marginal vertical distance to the bone

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler

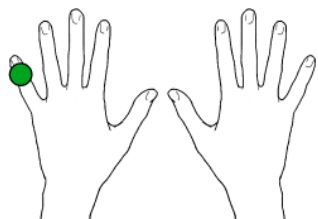




**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

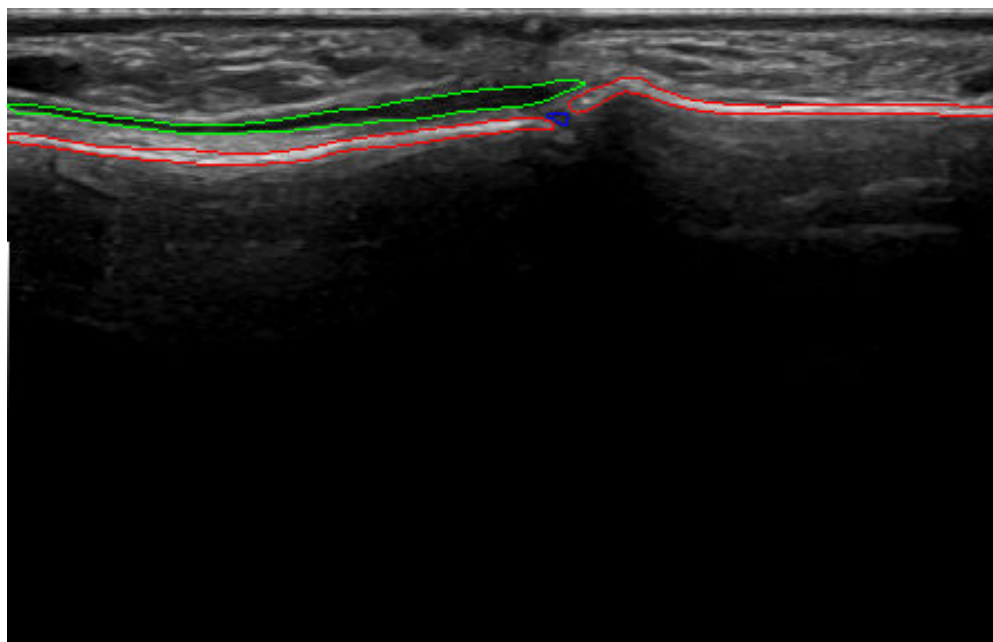
## Left DIP-5

**Osteophyte score: 0**  
No osteophytes identified

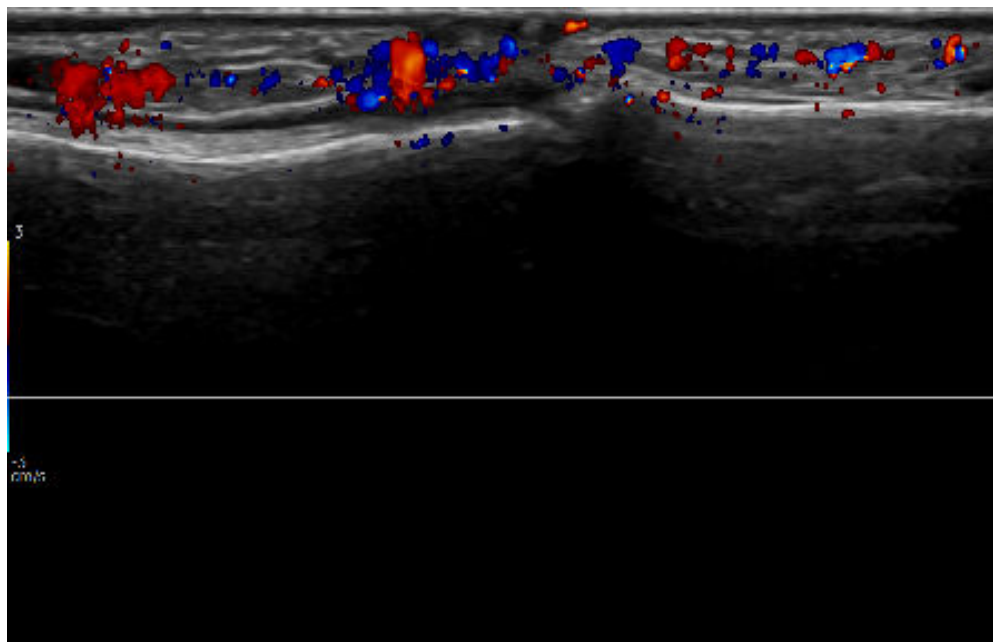


### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



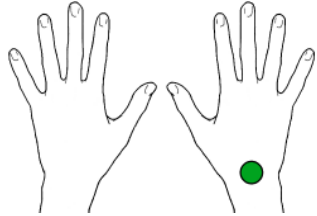
### Doppler





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## Right RCIC



**Synovial Hypertrophy score: 0**

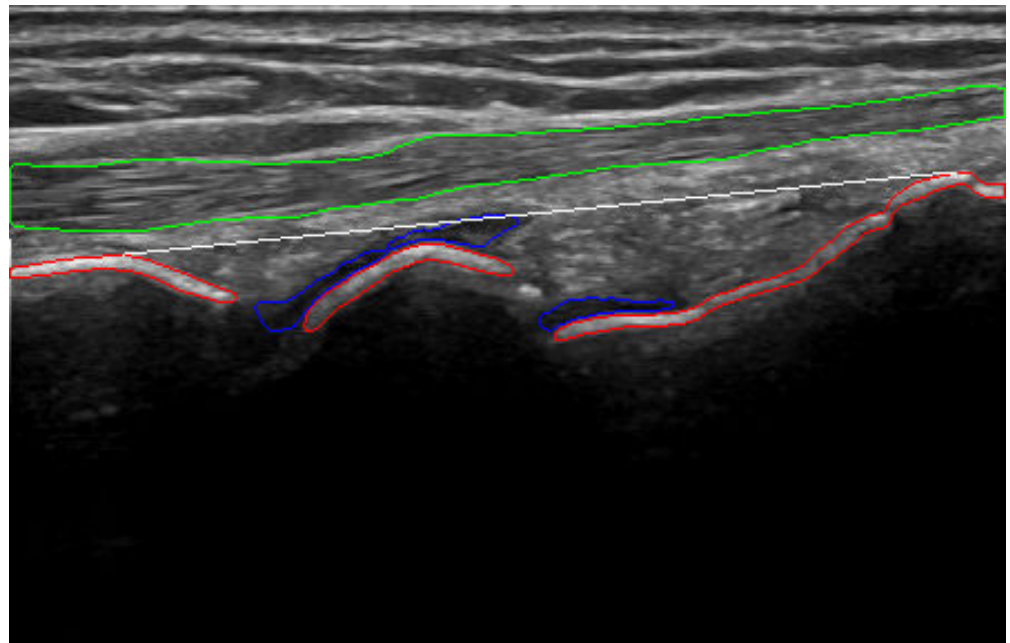
No signs of synovial hypertrophy

**Doppler score: 0**

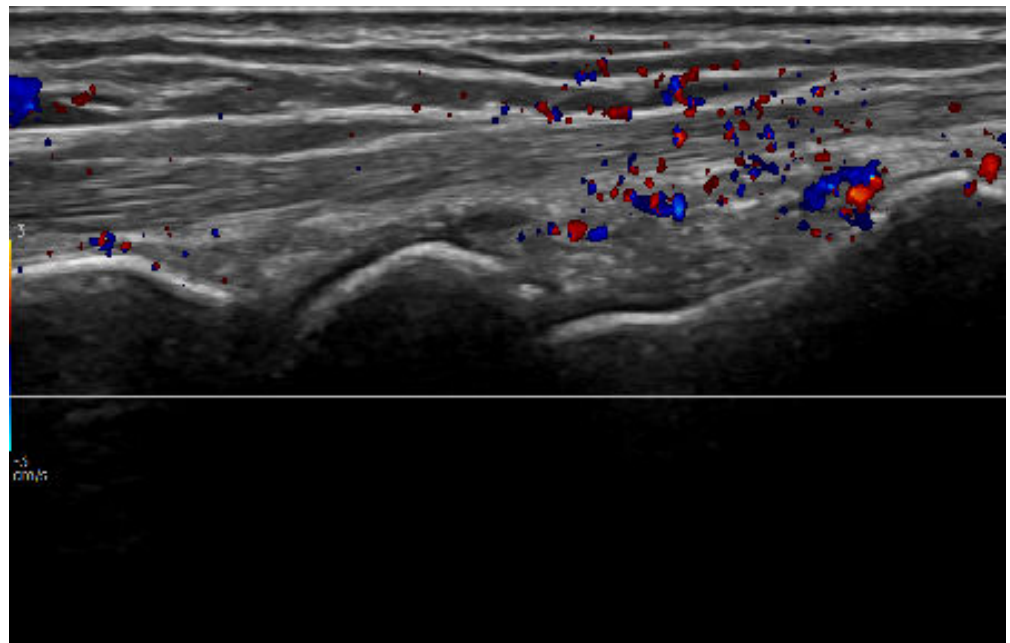
No Doppler activity

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



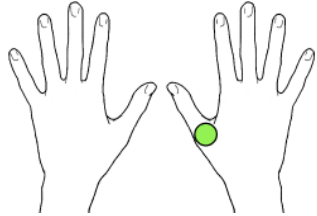
### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Right MCP-1



### Synovial Hypertrophy score: 1

Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

### Doppler score: 0

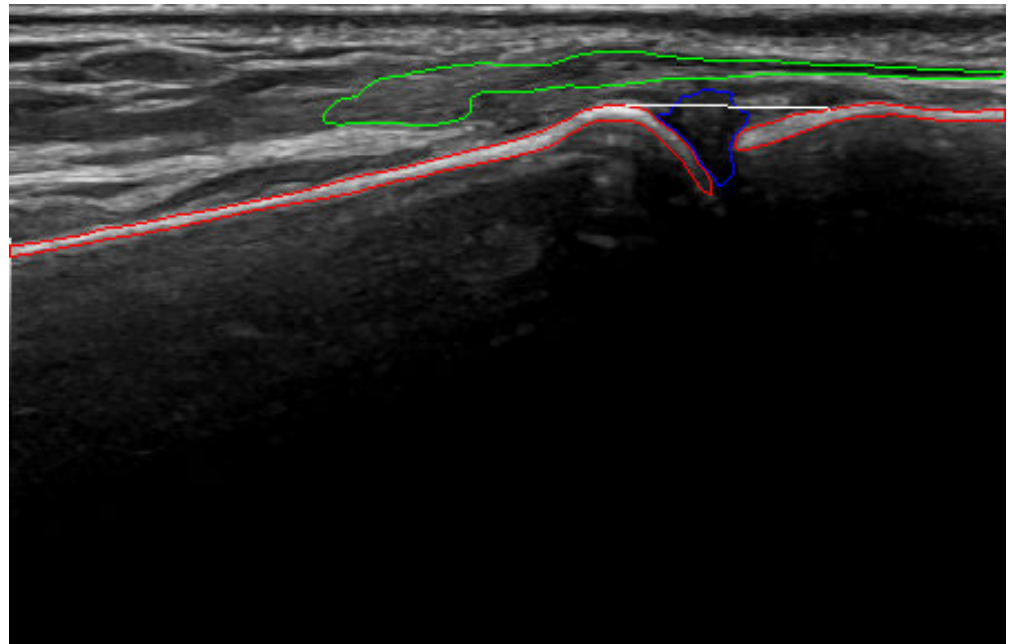
No Doppler activity

### Osteophyte score: 0

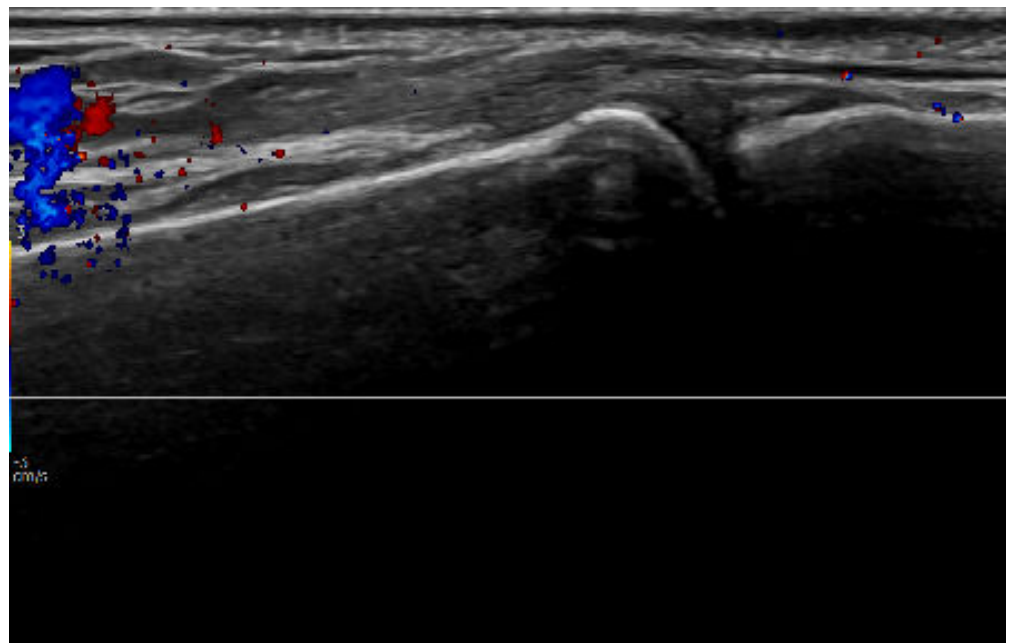
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



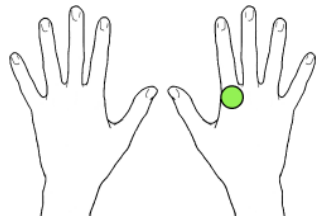
### Doppler





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## Right MCP-2



### Synovial Hypertrophy score: 1

Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

### Doppler score: 0

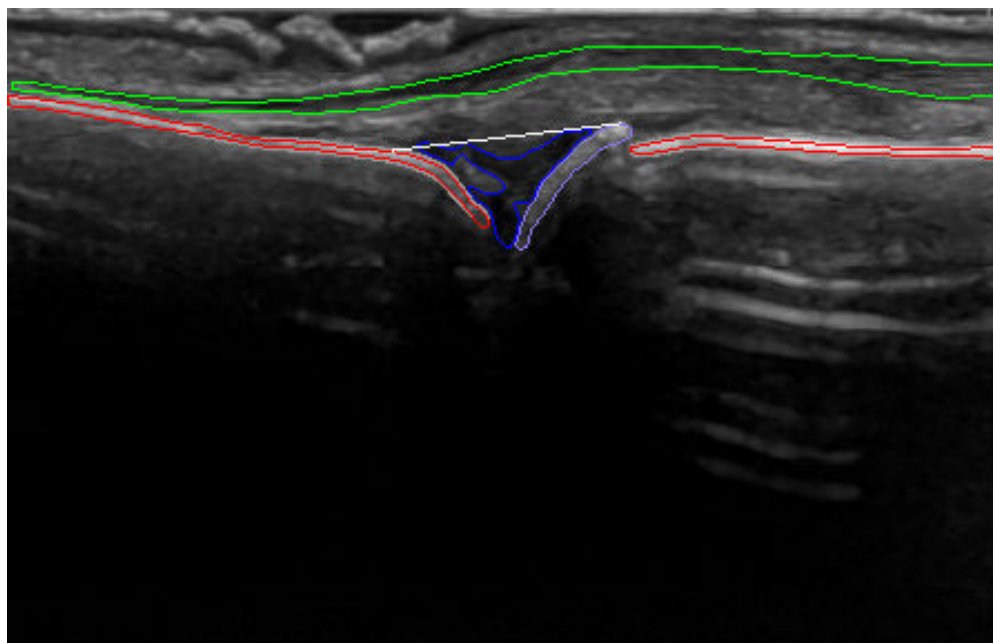
No Doppler activity

### Osteophyte score: 1

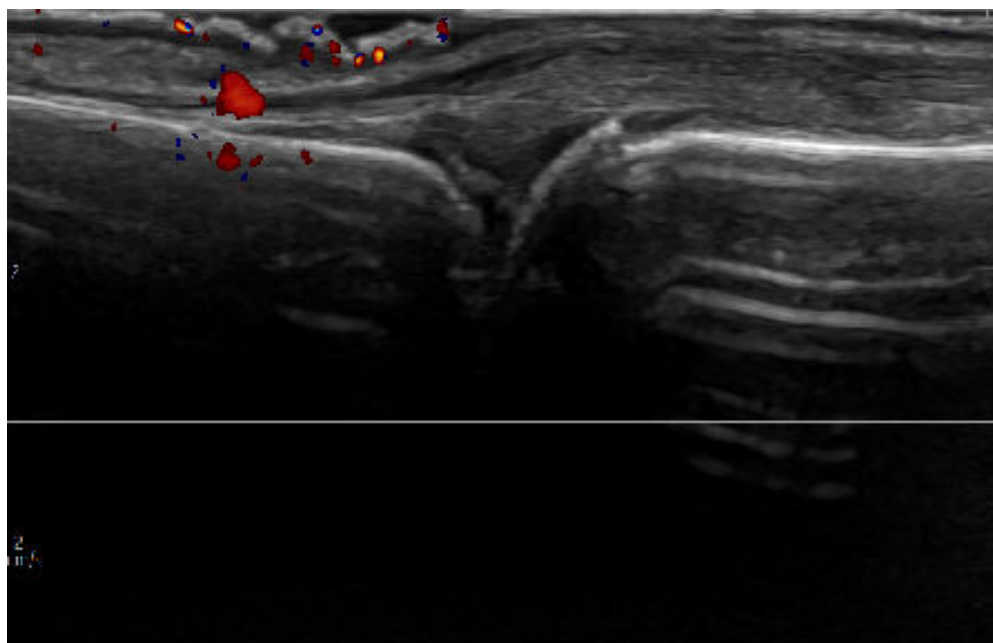
1 osteophyte with marginal vertical distance to the bone

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



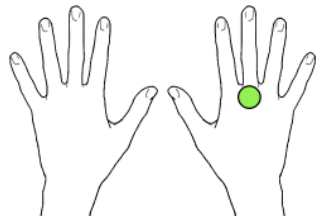
### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Right MCP-3



### Synovial Hypertrophy score: 1

Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

### Doppler score: 0

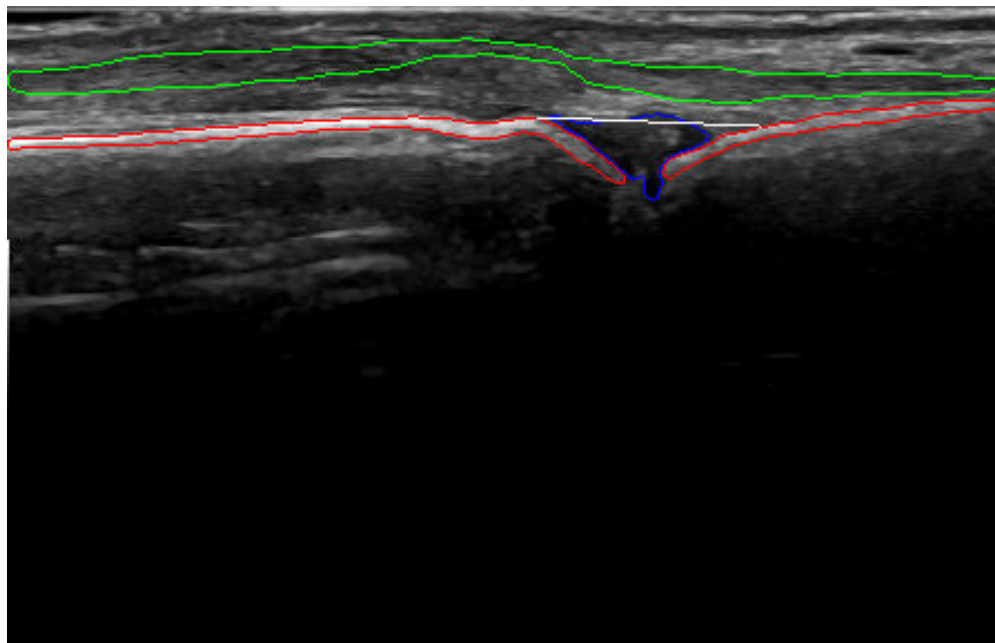
No Doppler activity

### Osteophyte score: 0

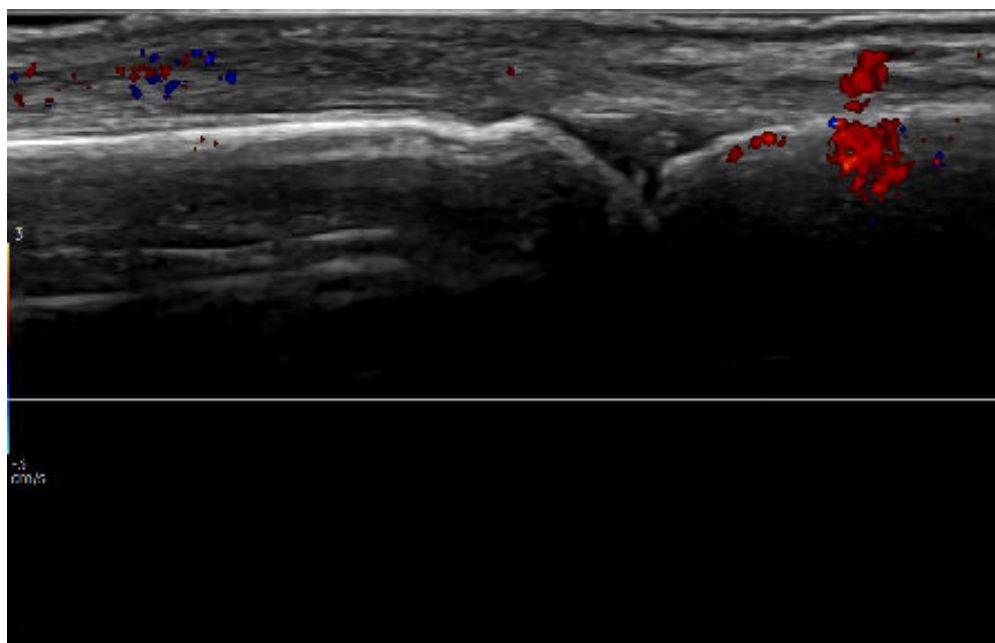
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



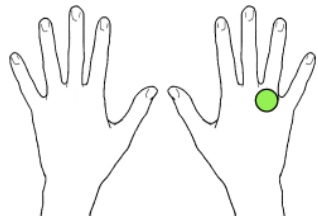
### Doppler





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## Right MCP-4



### Synovial Hypertrophy score: 1

Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

### Doppler score: 0

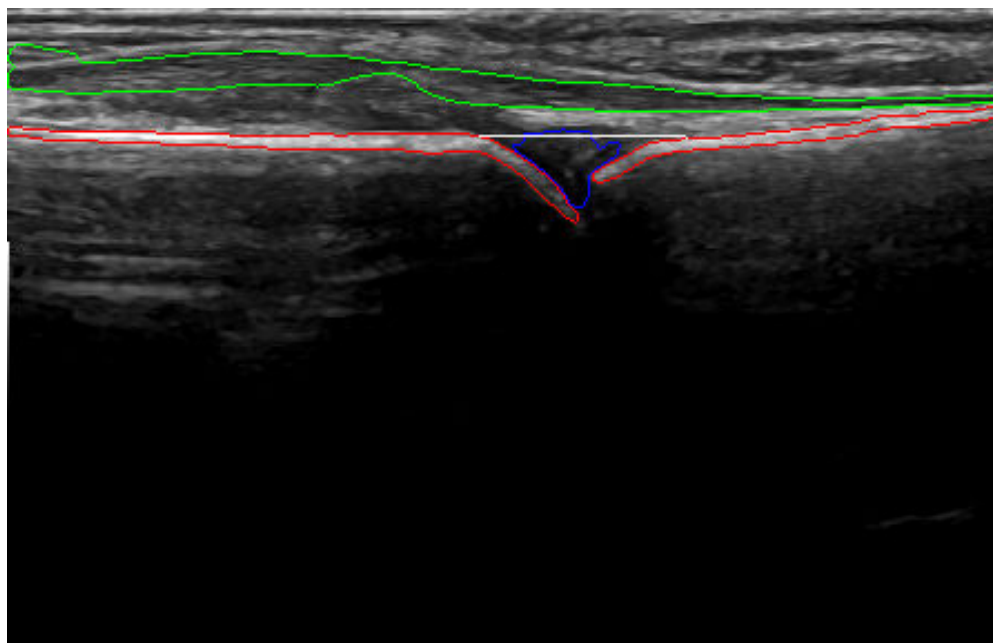
No Doppler activity

### Osteophyte score: 0

No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Right MCP-5



### Synovial Hypertrophy score: 3

Synovial hypertrophy above the joint line with a convex surface

### Doppler score: 0

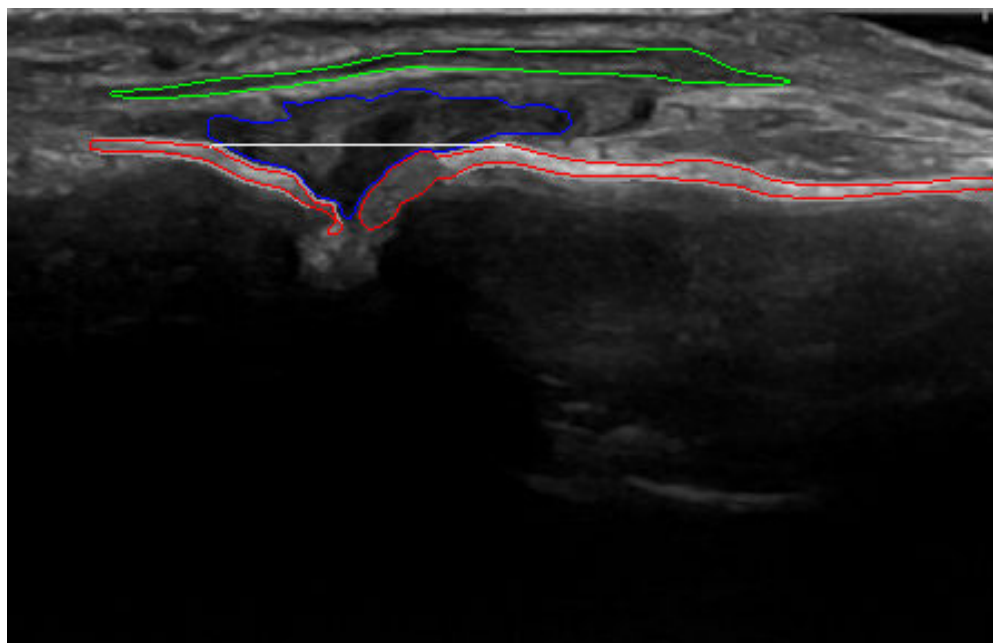
No Doppler activity

### Osteophyte score: 0

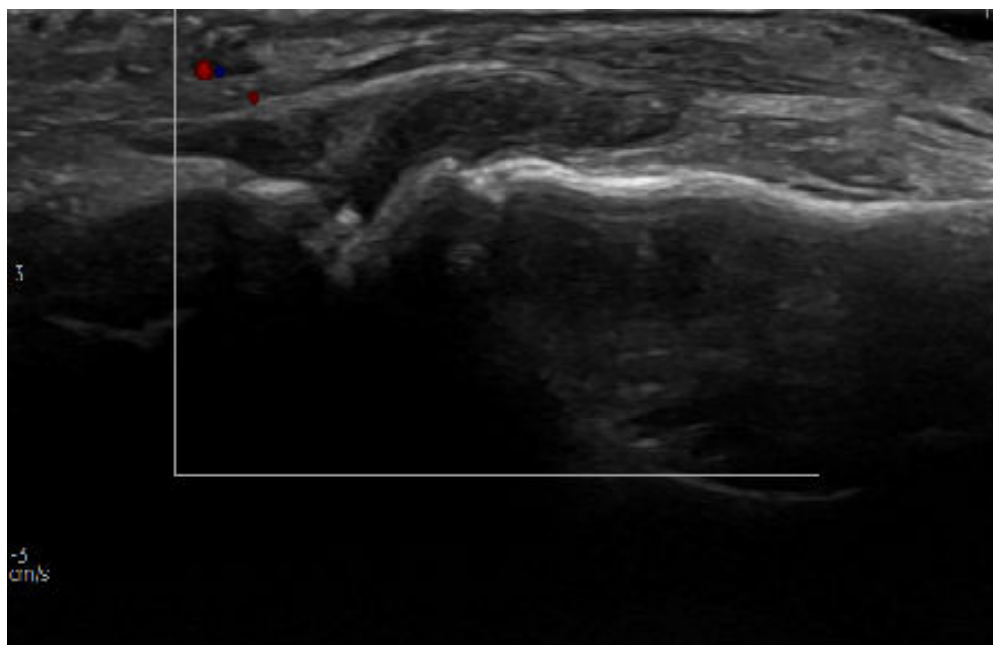
No osteophytes identified

### B-Mode

-  Bone
-  Osteophyte
-  Synovium
-  Tendon
-  Artifact



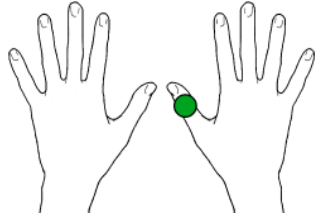
### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Right PIP-1



**Synovial Hypertrophy score: 0**

No signs of synovial hypertrophy

**Doppler score: 0**

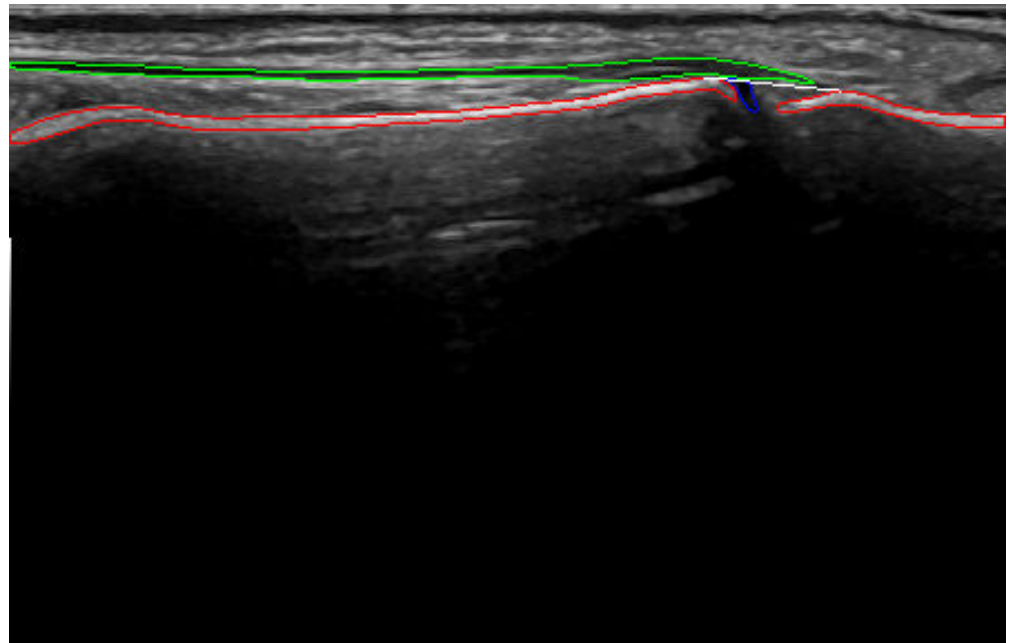
No Doppler activity (Doppler image contains noise)

**Osteophyte score: 0**

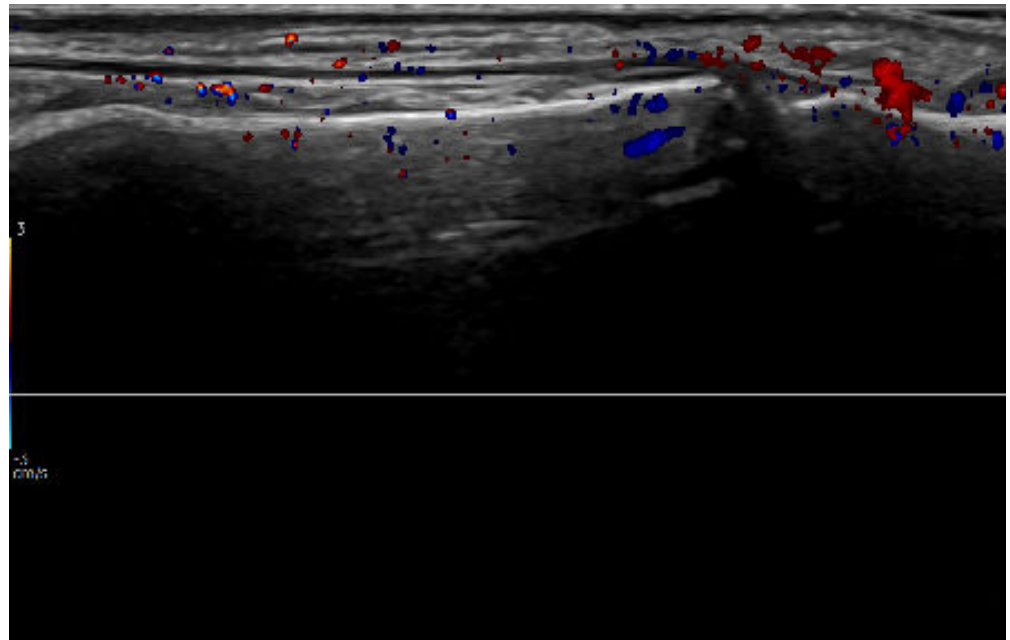
No osteophytes identified

### B-Mode

-  Bone
-  Osteophyte
-  Synovium
-  Tendon
-  Artifact



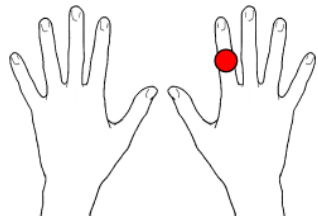
### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Right PIP-2



### Synovial Hypertrophy score: 2

Synovial hypertrophy above the joint line with a concave surface

### Doppler score: 2

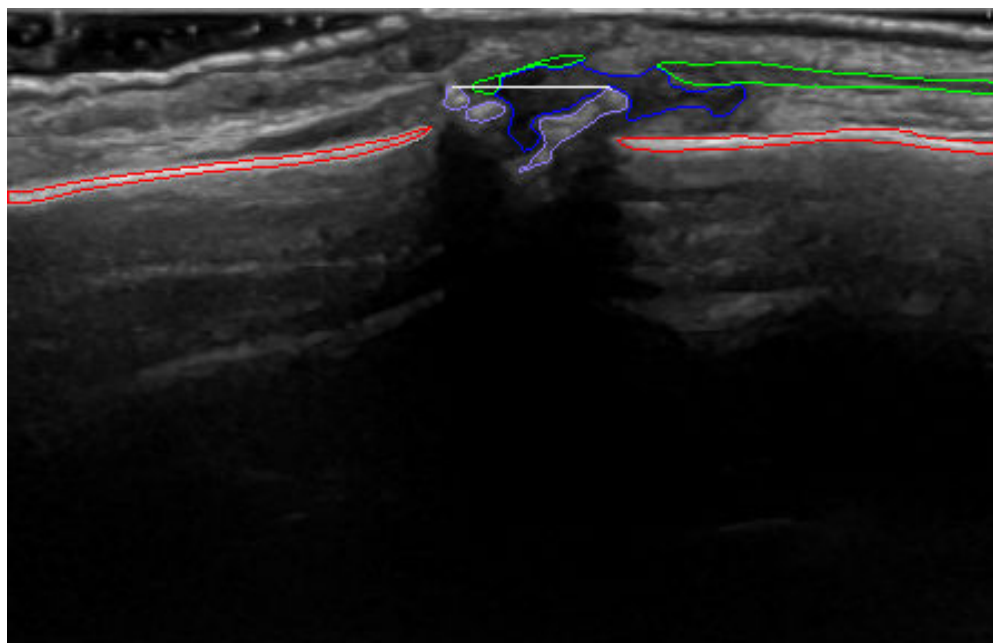
Moderate Doppler activity (1 spots & 3 confluent spots inside synovium)

### Osteophyte score: 3

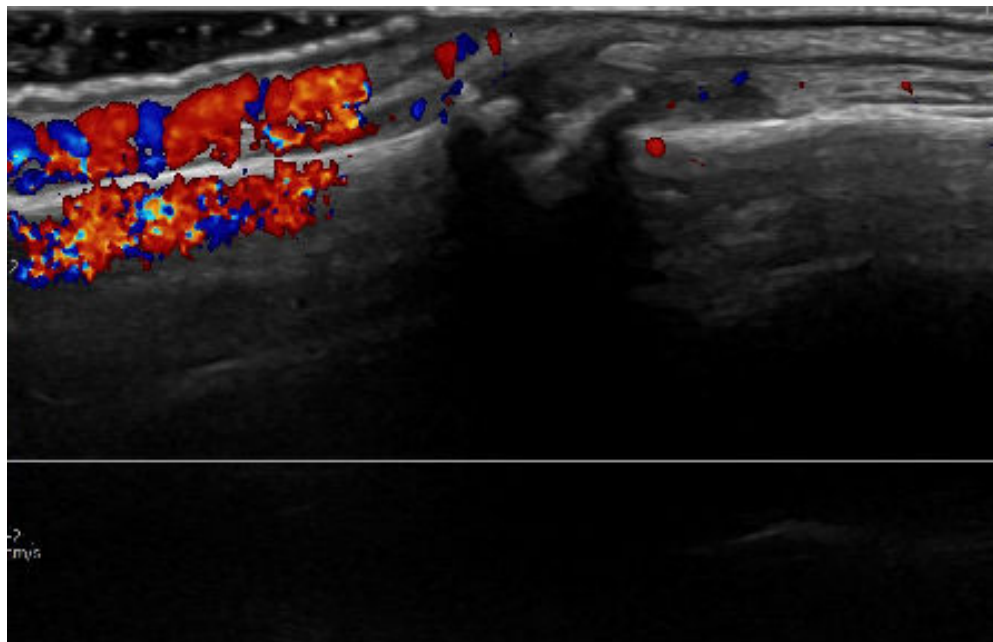
2 osteophytes with a large vertical distance to the bone

### B-Mode

-  Bone
-  Osteophyte
-  Synovium
-  Tendon
-  Artifact



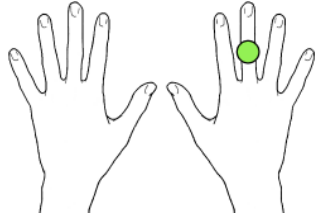
### Doppler





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## Right PIP-3



**Synovial Hypertrophy score: 1**

Minimal synovial hypertrophy (based on its area)

**Doppler score: 0**

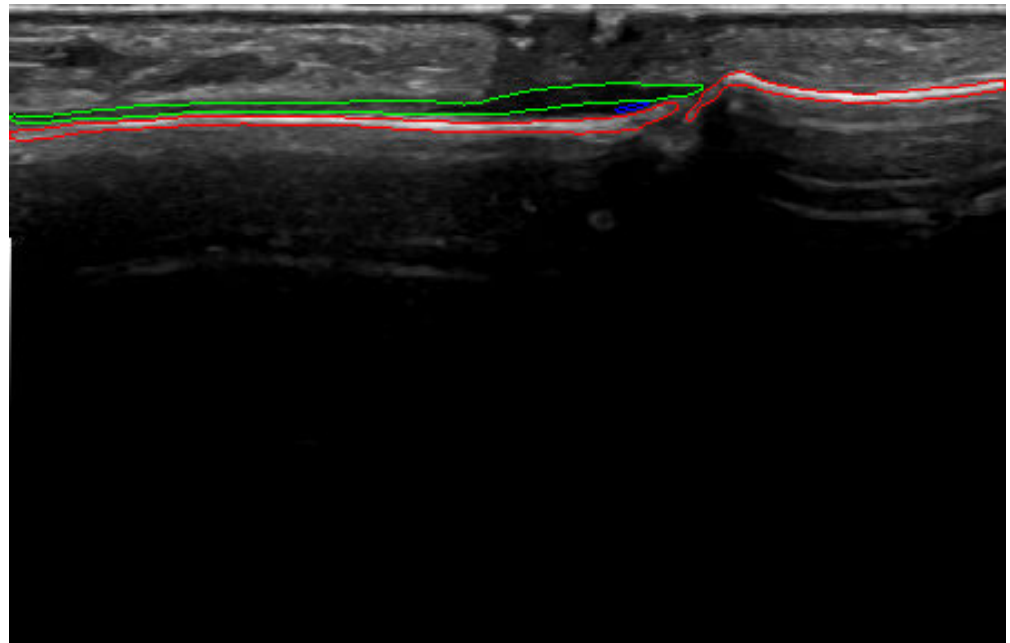
No Doppler activity

**Osteophyte score: 0**

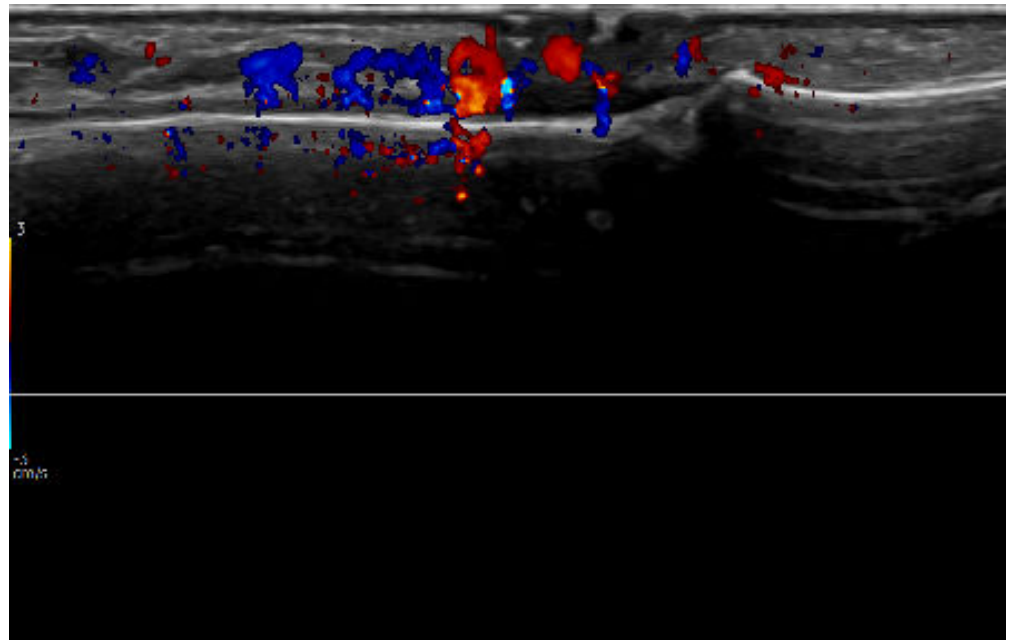
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



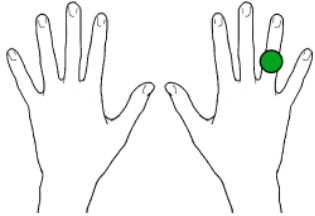
### Doppler





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## Right PIP-4



**Synovial Hypertrophy score: 0**

No signs of synovial hypertrophy

**Doppler score: 0**

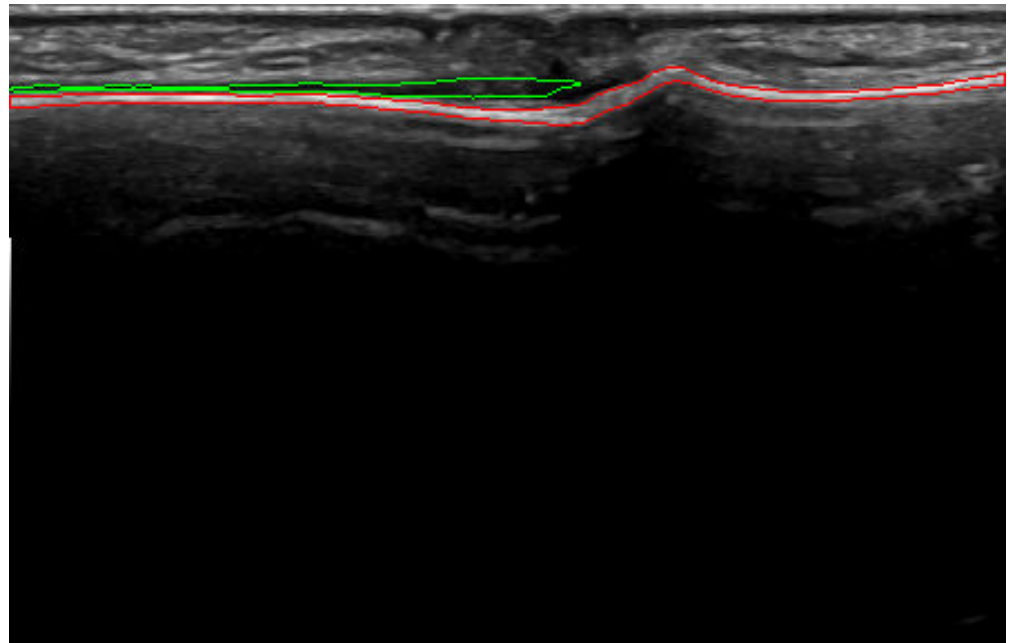
No Doppler activity

**Osteophyte score: 0**

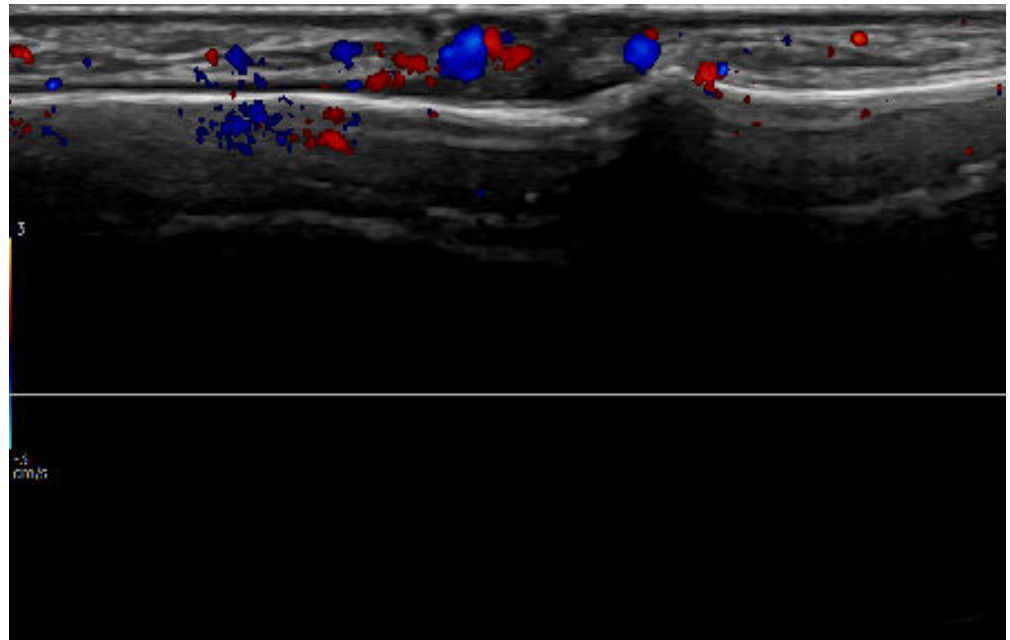
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler





**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Right PIP-5



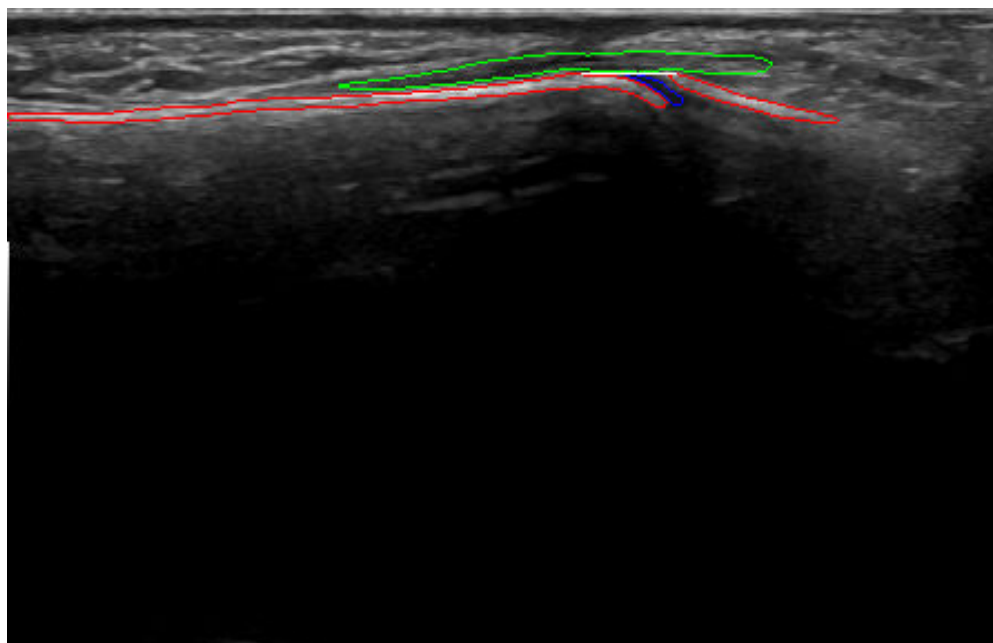
**Synovial Hypertrophy score: 1**  
Synovial hypertrophy under the joint line

**Doppler score: 0**  
No Doppler activity

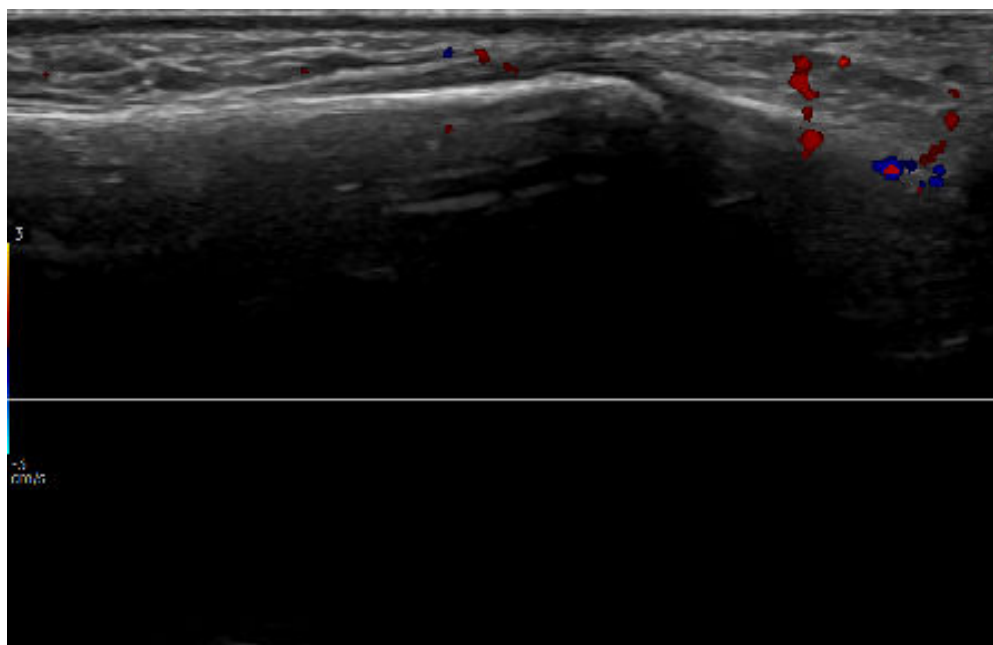
**Osteophyte score: 0**  
No osteophytes identified

### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler

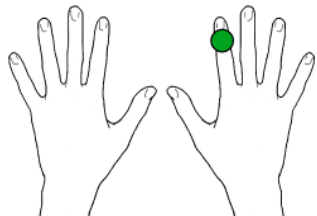




**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

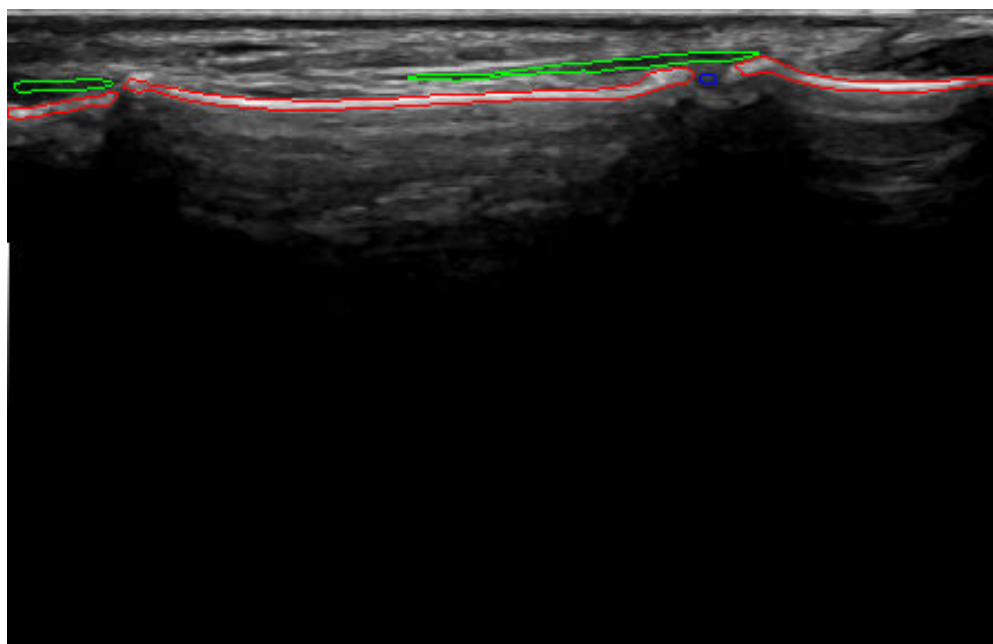
## Right DIP-2

**Osteophyte score: 0**  
No osteophytes identified

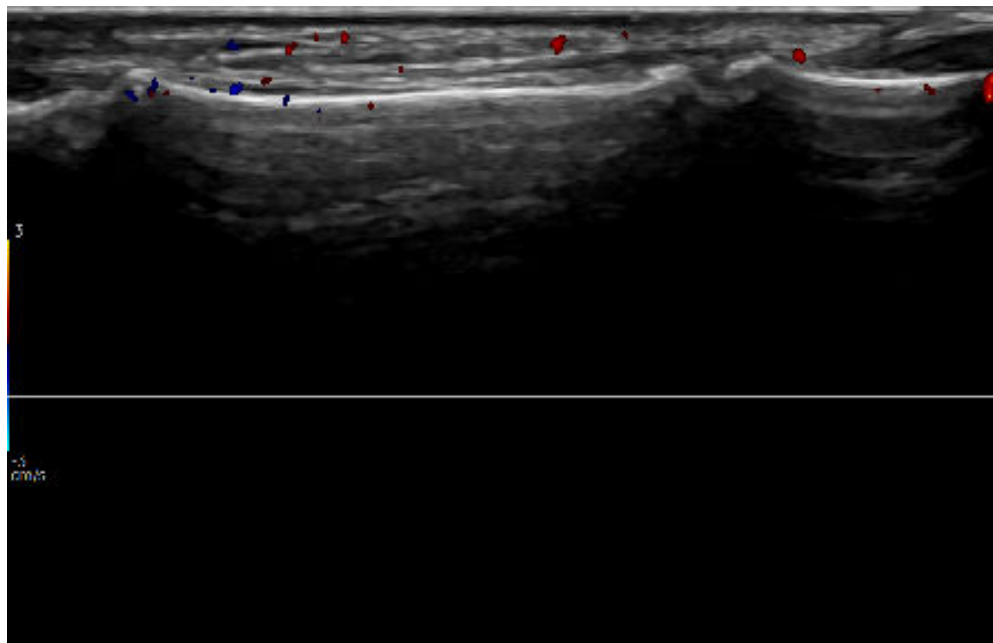


### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler

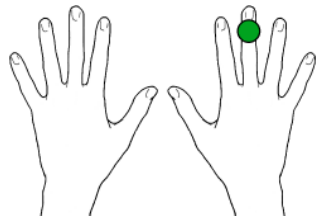




**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

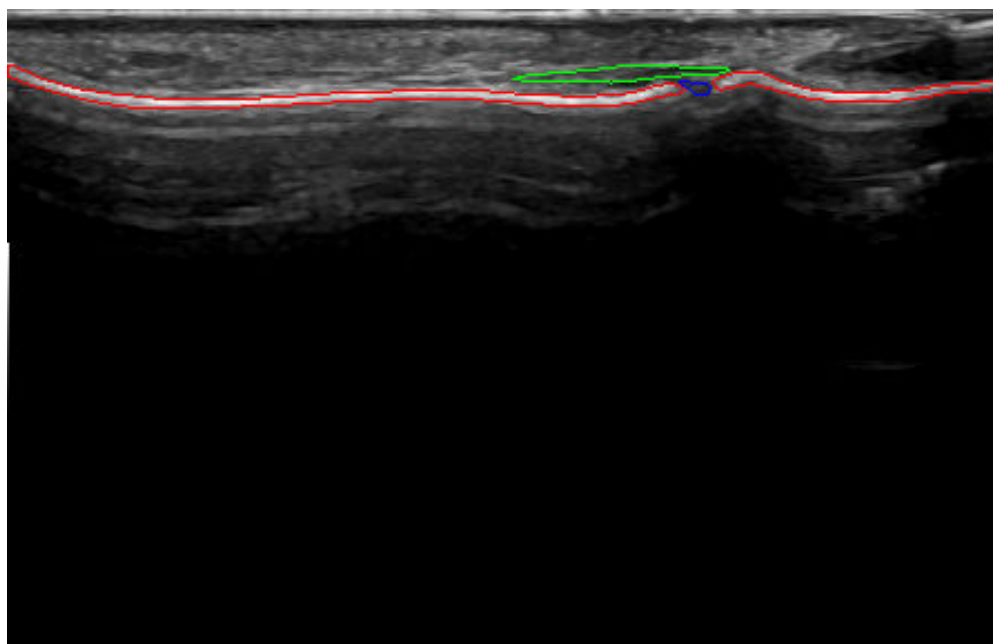
## Right DIP-3

**Osteophyte score: 0**  
No osteophytes identified

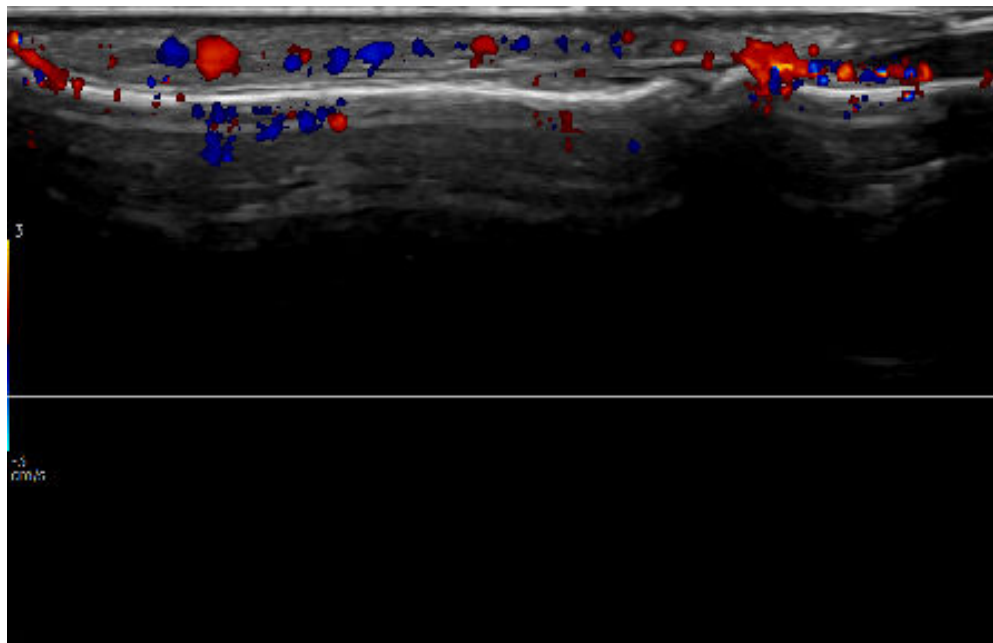


### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler

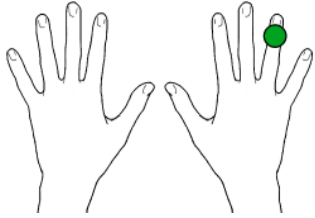




**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

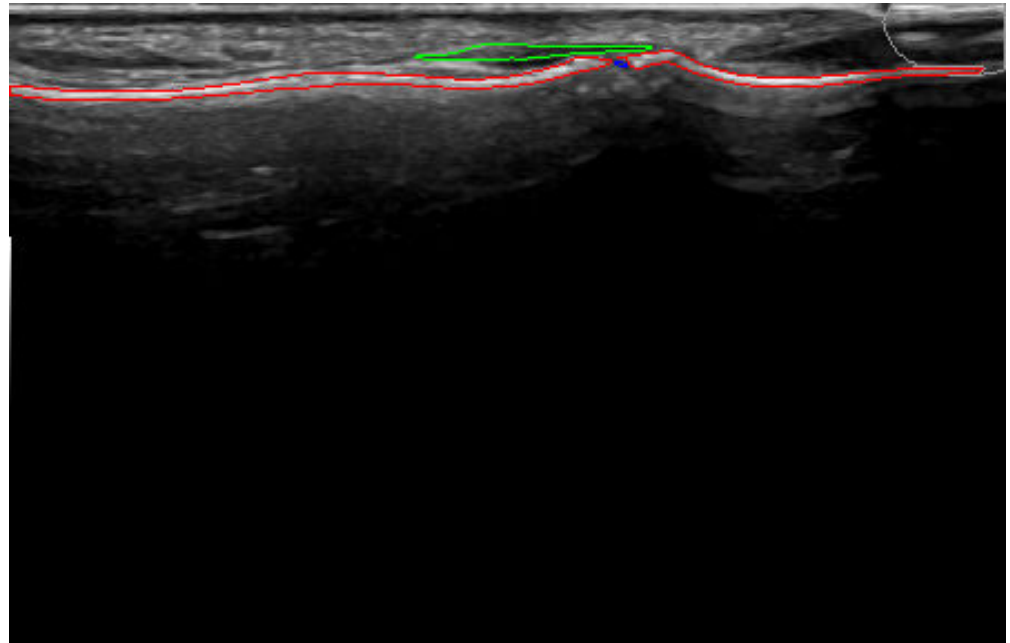
## Right DIP-4

**Osteophyte score: 0**  
No osteophytes identified

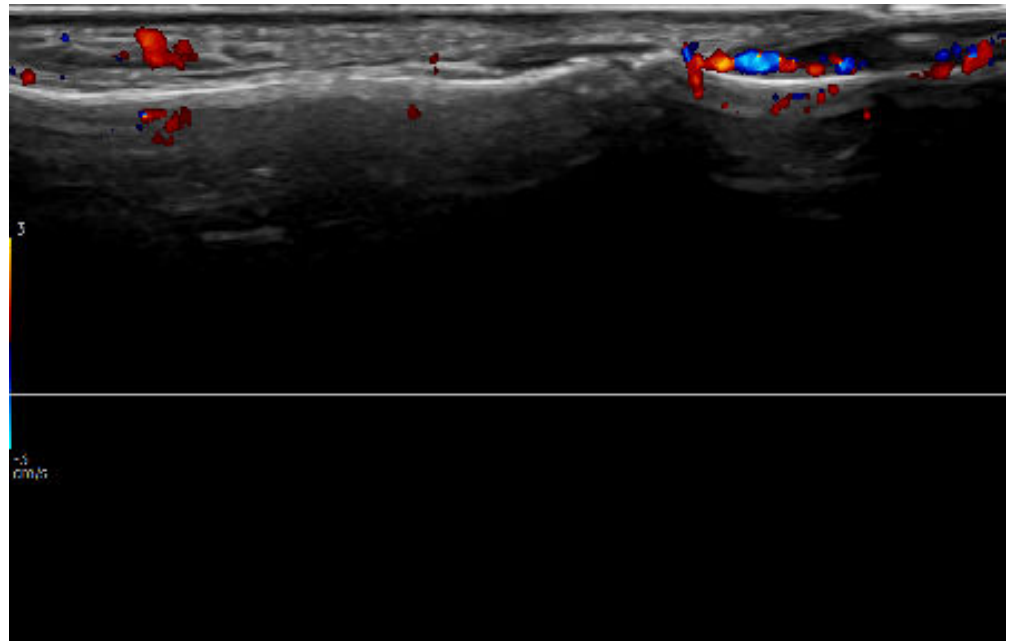


### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler

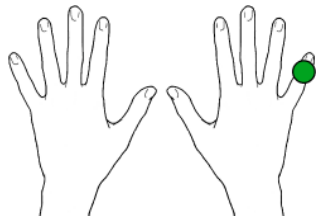




**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

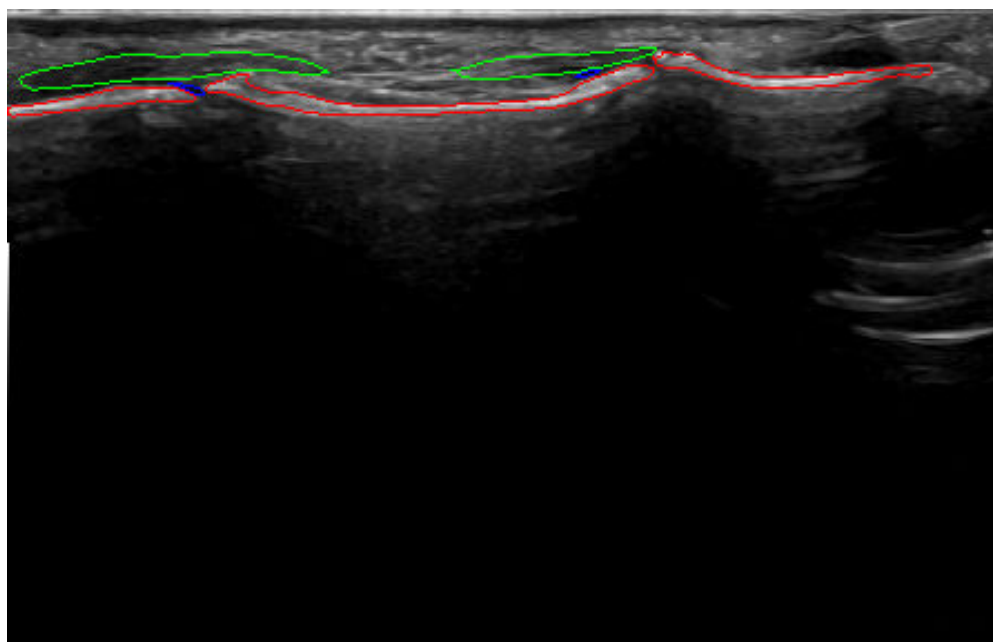
## Right DIP-5

**Osteophyte score: 0**  
No osteophytes identified

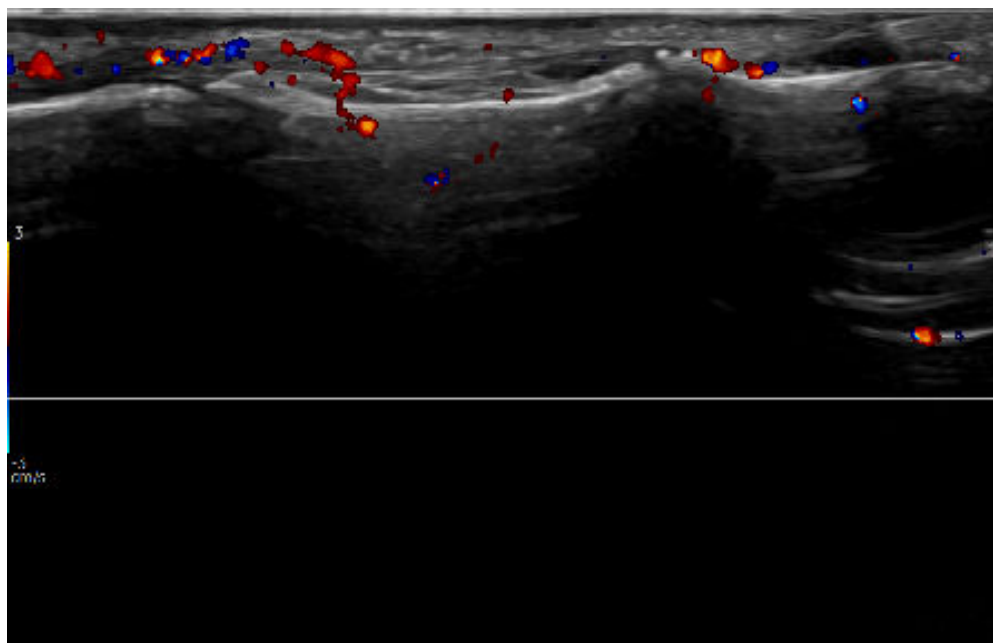


### B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



### Doppler



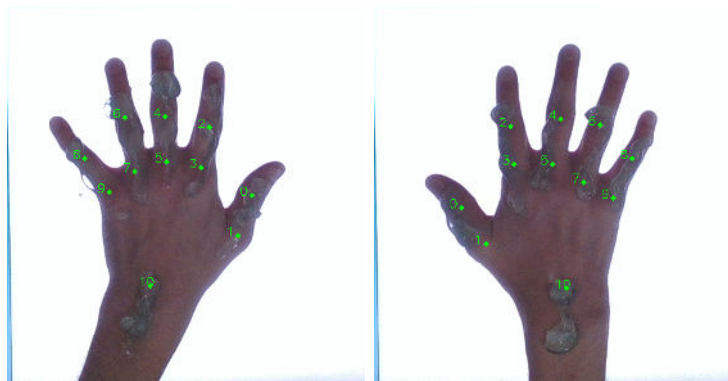


Scan date 2026-03-20  
Patient ID DEMO REPORT

**WARNING:** This report is only for decision support. It cannot be used on its own to diagnose the patient.

## Additional information

### The patient's hand(s)



### Scoring system






The user manual contains information about the scoring system

### Ultrasound machine

| Mode    | Setting      | Value        |
|---------|--------------|--------------|
|         | Model        | GE_LOGIQ_E10 |
|         | Probe        | ML6-15       |
| B-Mode  | Gain         | 62           |
| B-Mode  | Preset       | ROPCA_A3     |
| Doppler | Gain         | 25           |
| Doppler | Preset       | ROPCA_A3     |
| Doppler | Color margin | 0            |

### About DIANA version 2.2.1

DIANA is a SaMD (Software as a Medical Device), CE certified under EU 2017/745 (MDR)

|  |   |                             |
|--|---|-----------------------------|
| <b>DIANA</b>   |   | <b>MD</b> <b>CE</b><br>0123 |
| <b>REF</b> D1 / SW X.X.X   |  YYYY-MM-DD  |                             |
|  (01)5700002209313<br>(21)XXXXX |  Ropca ApS<br>Campusvej 55<br>DK-5230 Odense M<br>Denmark<br>ropca.com |                             |
| SERIAL NUMBER: XXXXX   |   |                             |