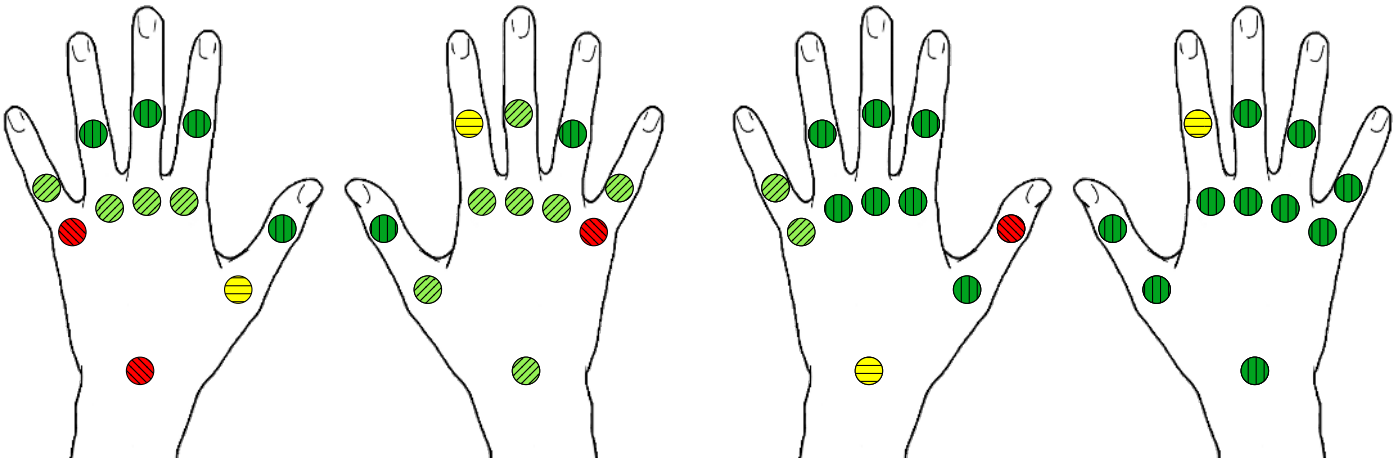
Scan date 2026-08-12
Patient ID DEMO REPORT

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

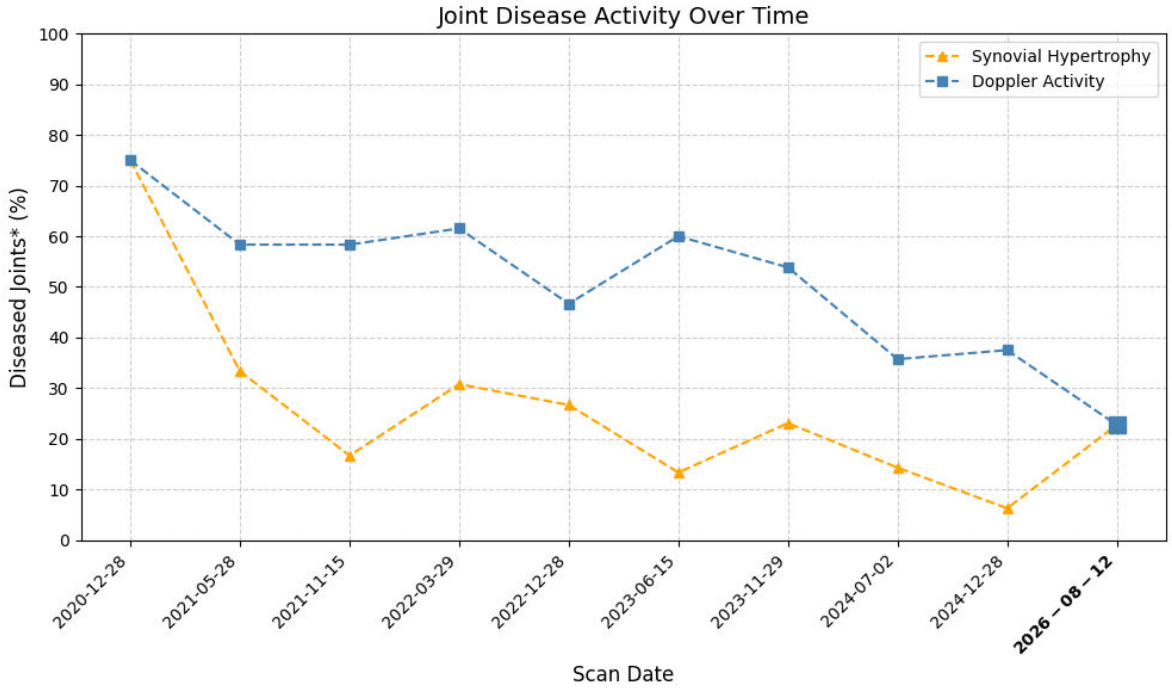
Patient ID: DEMO REPORT

Synovial Hypertrophy

Doppler



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



*Presence or absence of disease is defined in the user manual

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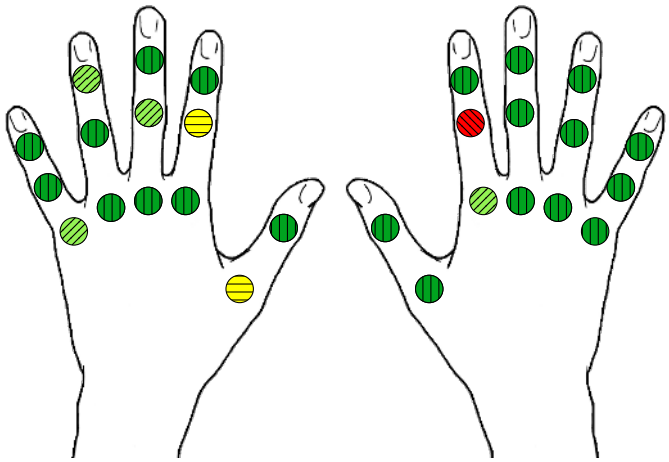
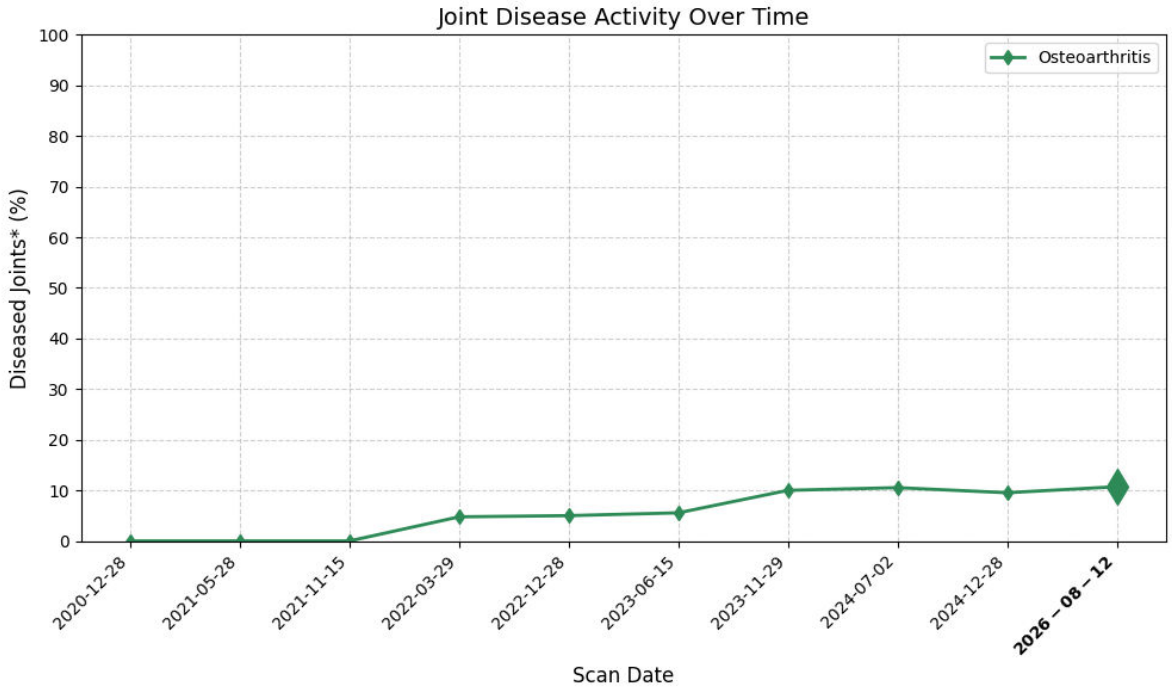
Osteophytes



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



*Presence or absence of disease is defined in the user manual

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Current Scan

Left Hand

Page	Joint	SH	Doppler	EO	Osteophyte
4	RCIC	3	2	3	-
5	MCP-1	2	0	2	2
6	MCP-2	1	0	1	0
7	MCP-3	1	0	1	0
8	MCP-4	1	0	1	0
9	MCP-5	3	1	3	1
10	PIP-1	0	3 ¤	0	0
11	PIP-2	0	0	0	2
12	PIP-3	0	0	0	1
13	PIP-4	0	0	0	0
14	PIP-5	1	1 ¤	1	0
15	DIP-2	-	-	-	0
16	DIP-3	-	-	-	0
17	DIP-4	-	- ¤	-	1
18	DIP-5	-	-	-	0

Right Hand

Page	Joint	SH	Doppler	EO	Osteophyte
19	RCIC	1	0	1	-
20	MCP-1	1	0	1	0
21	MCP-2	1	0	1	1
22	MCP-3	1	0	1	0
23	MCP-4	1	0	1	0
24	MCP-5	3	0	3	0
25	PIP-1	0	0 ¤	0	0
26	PIP-2	2	2	2	3
27	PIP-3	1	0	1	0
28	PIP-4	0	0	0	0
29	PIP-5	1	0	1	0
30	DIP-2	-	-	-	0
31	DIP-3	-	- ¤	-	0
32	DIP-4	-	-	-	0
33	DIP-5	-	-	-	0

¤ = Noise detected on Doppler image

A description of the grading systems can be found in the user manual

Scans Overview

The table shows how many joints were requested to be scanned by your connected ROPCA device, how many were succesfully scanned, and how many joints were found with signs of disease.

Scan date	Joints expected scanned	Joints scanned	Joints with SH*	Joints with Doppler activity*	Joints with osteophytes*
2026-08-12	30	30	5	5	3
2024-12-28	21	21	1	6	2
2024-07-02	19	19	2	5	2
2023-11-29	20	20	3	7	2
2023-06-15	18	18	2	9	1
2022-12-28	20	20	4	7	1
2022-03-29	21	21	4	8	1
2021-11-15	18	18	2	7	0
2021-05-28	18	18	4	7	0
2020-12-28	22	22	12	12	0

*Presence or absence of disease is defined in the user manual

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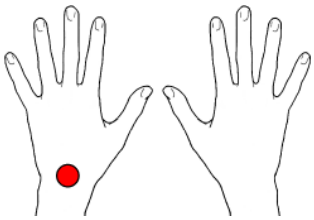
Left RCIC

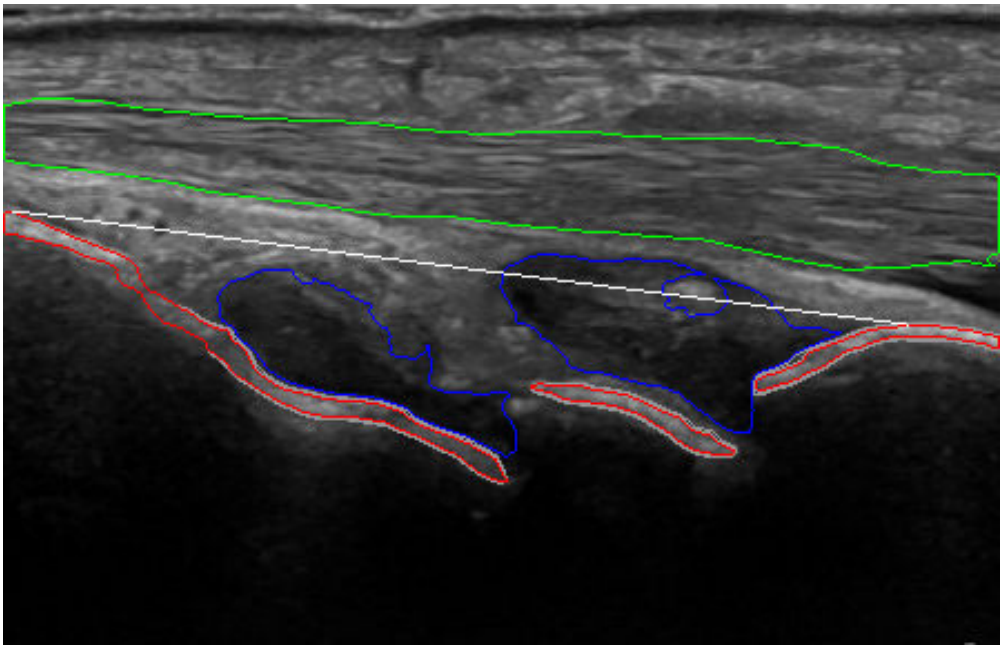


Synovial Hypertrophy score: 3
Synovial hypertrophy above the joint line with a convex surface

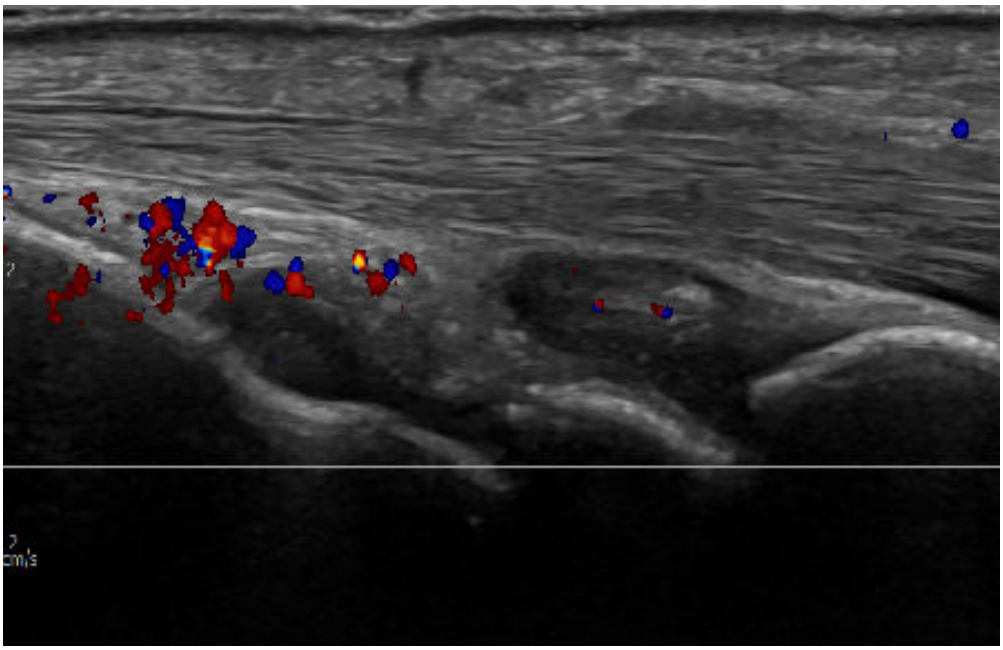
Doppler Activity score: 2
Moderate Doppler activity (6 spots & 1 confluent spots inside synovium)

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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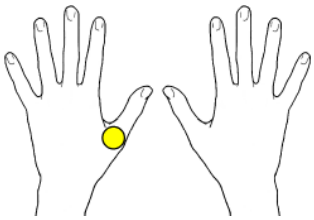
Left MCP-1



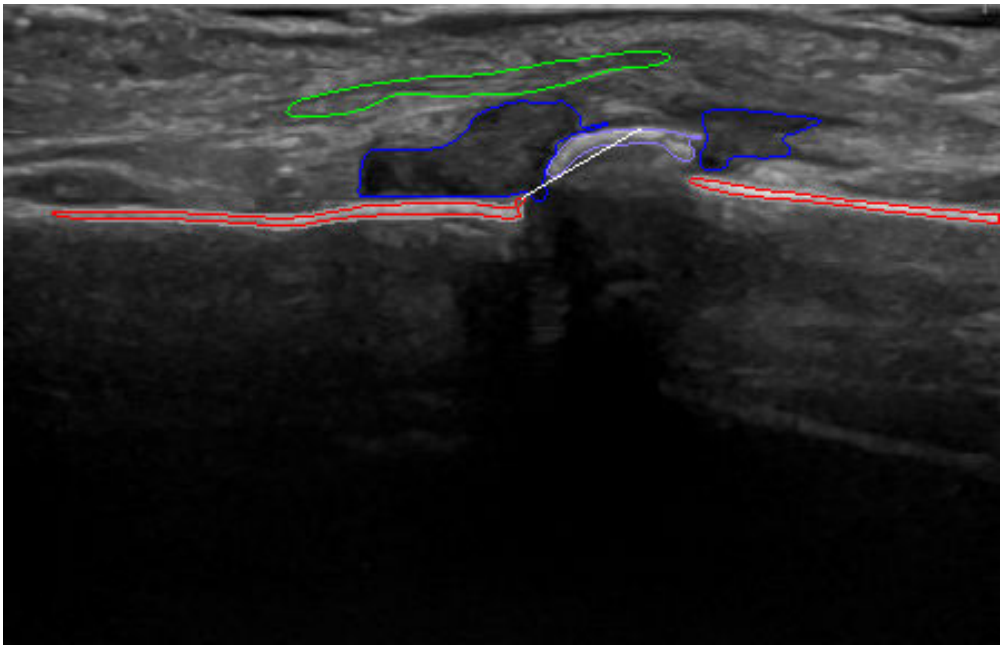
Synovial Hypertrophy score: 2
Synovial hypertrophy above the joint line with a concave surface

Doppler Activity score: 0
No Doppler activity inside synovium

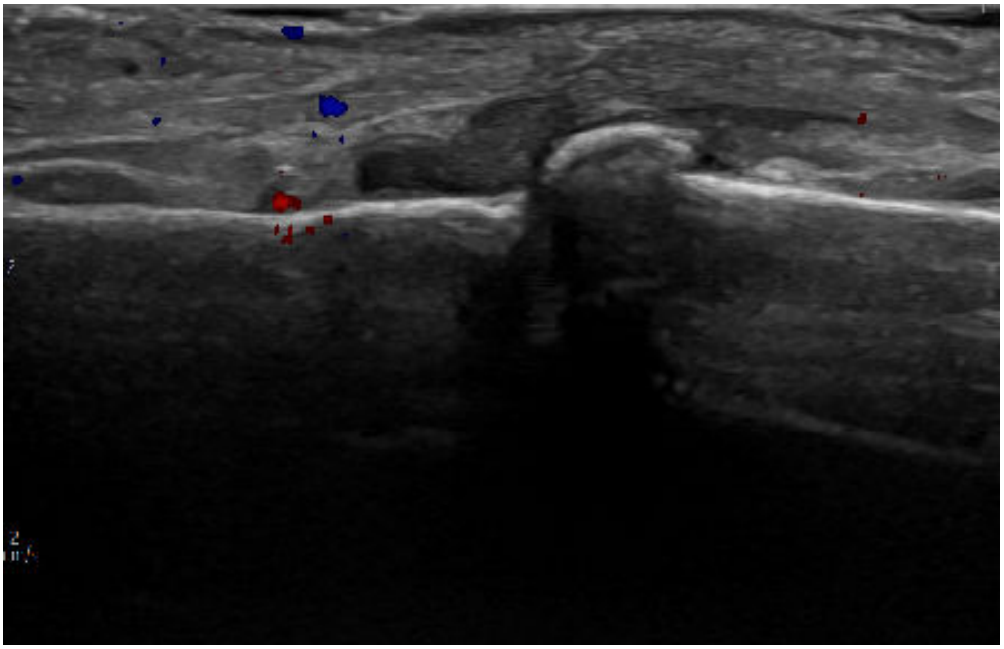
Osteophyte score: 2
1 osteophytes with a substantial vertical distance to the bone

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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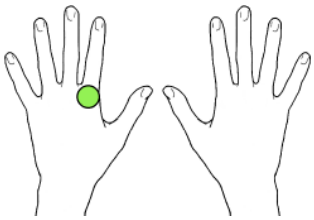
Left MCP-2



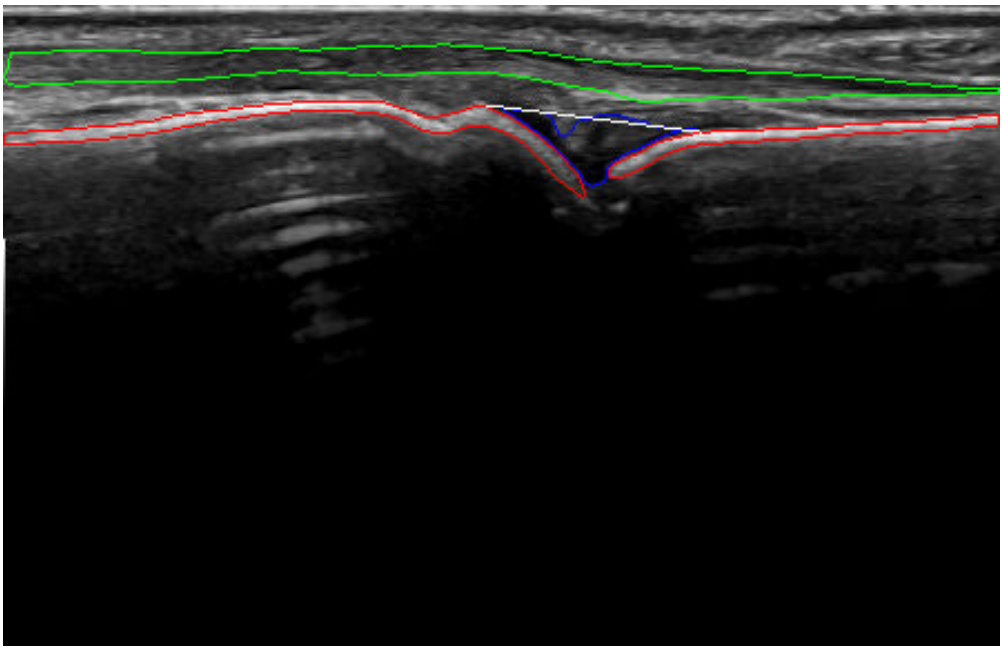
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

Doppler Activity score: 0
No Doppler activity inside synovium

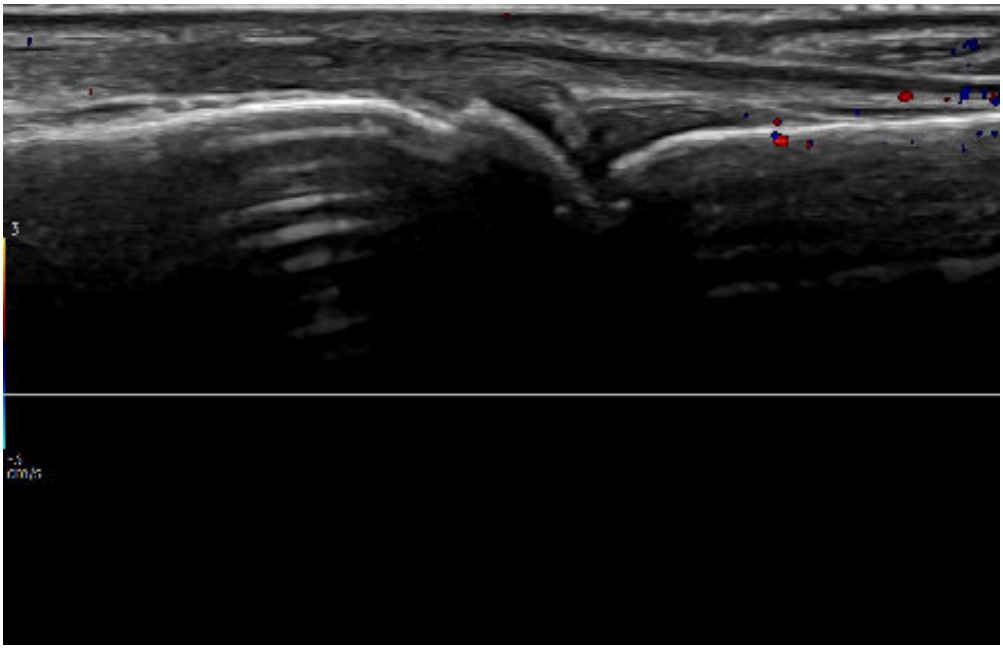
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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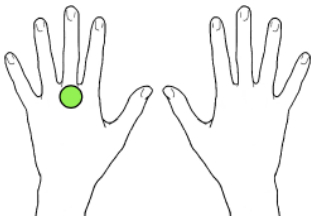
Left MCP-3



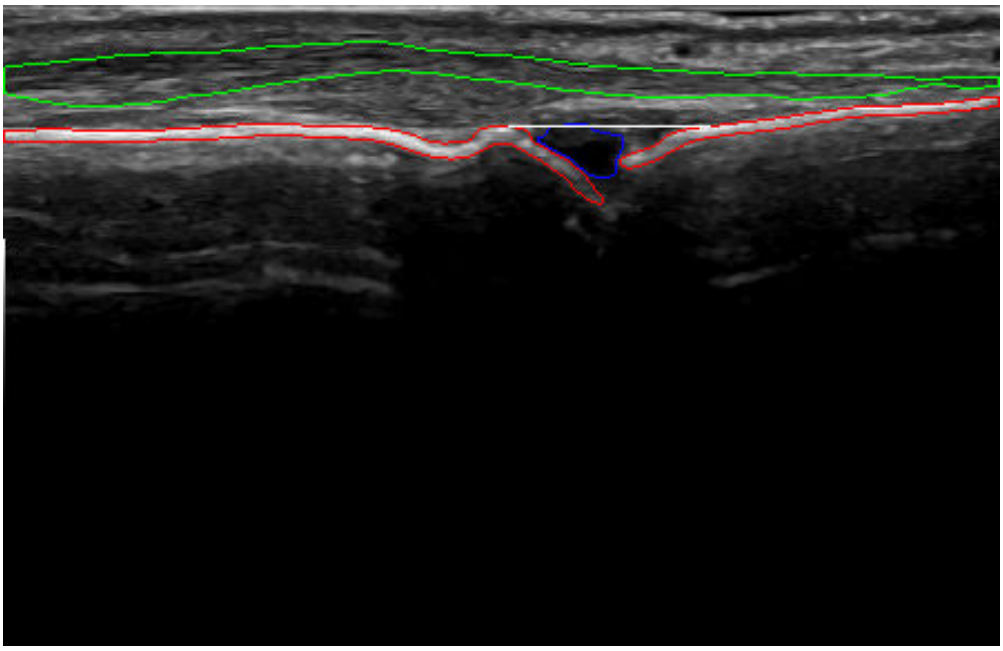
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

Doppler Activity score: 0
No Doppler activity inside synovium

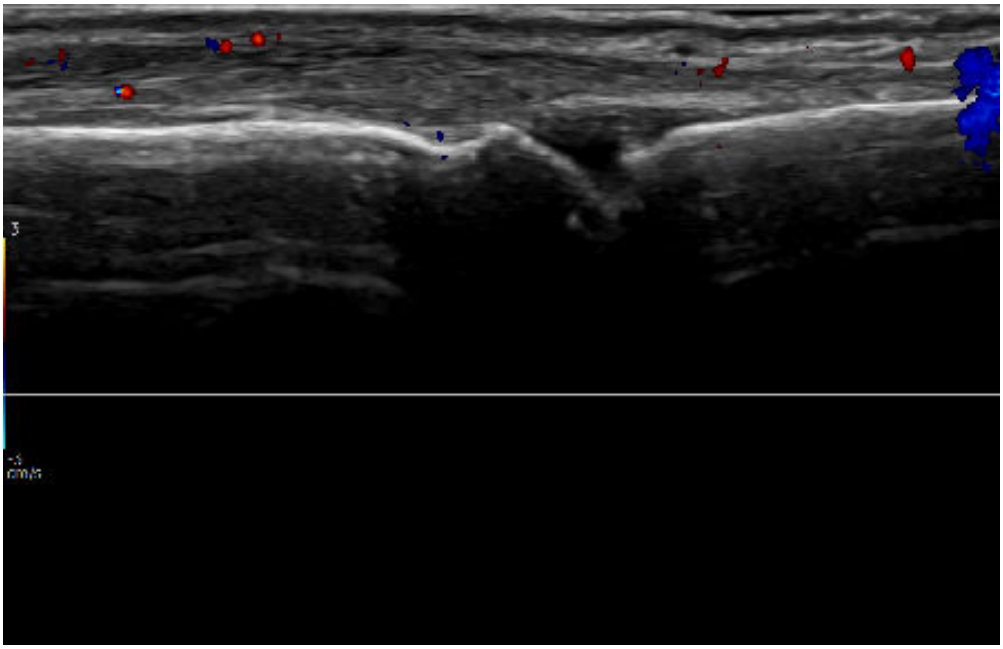
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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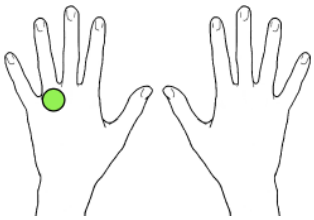
Left MCP-4



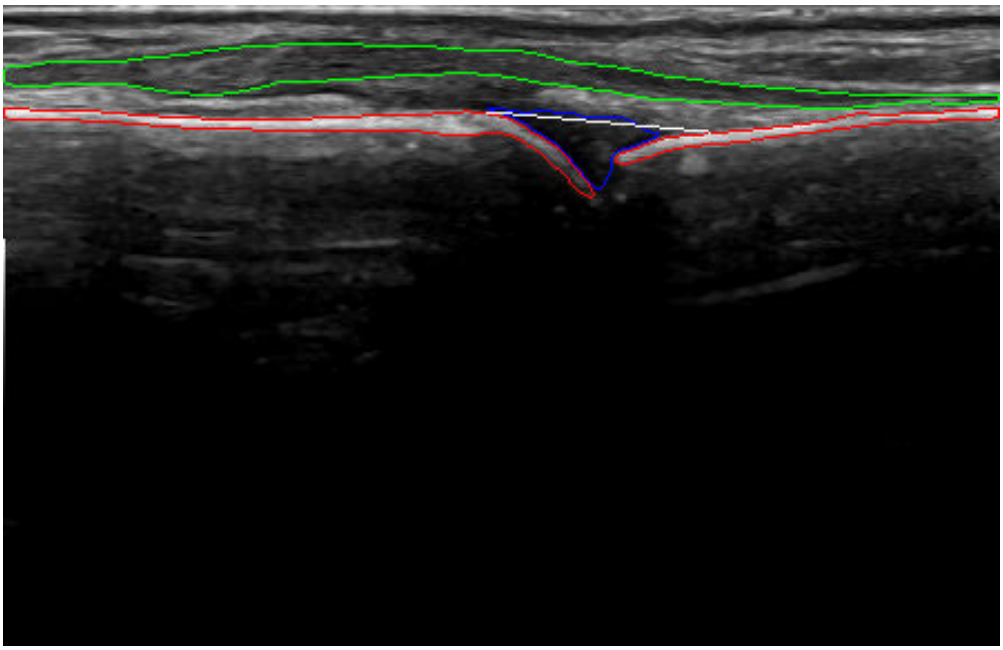
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

Doppler Activity score: 0
No Doppler activity inside synovium

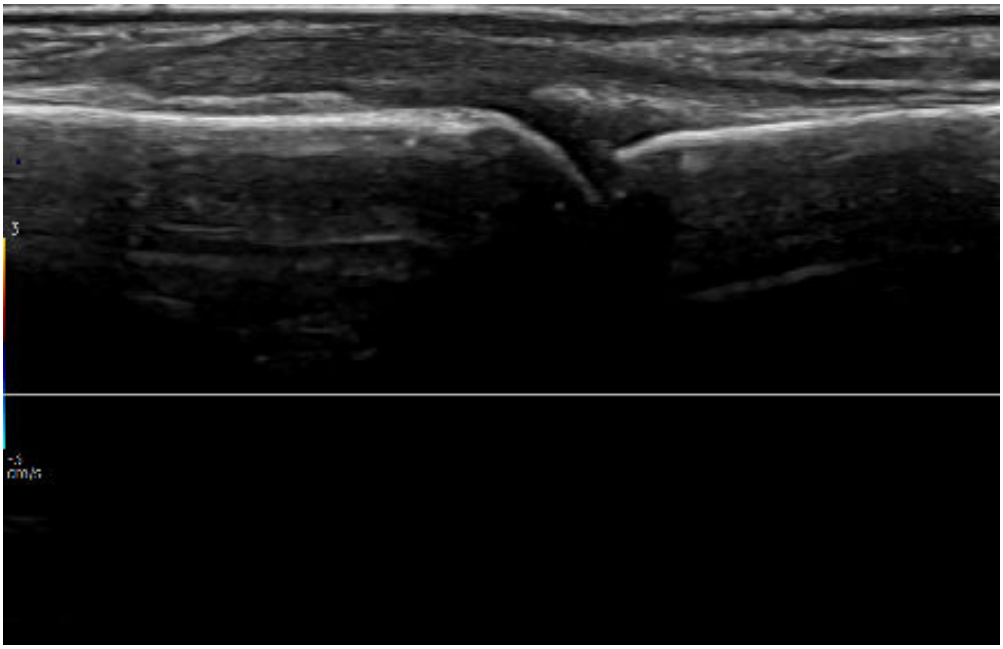
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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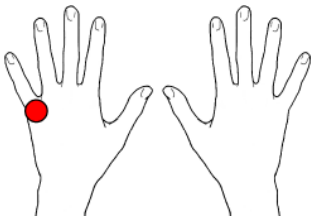
Left MCP-5



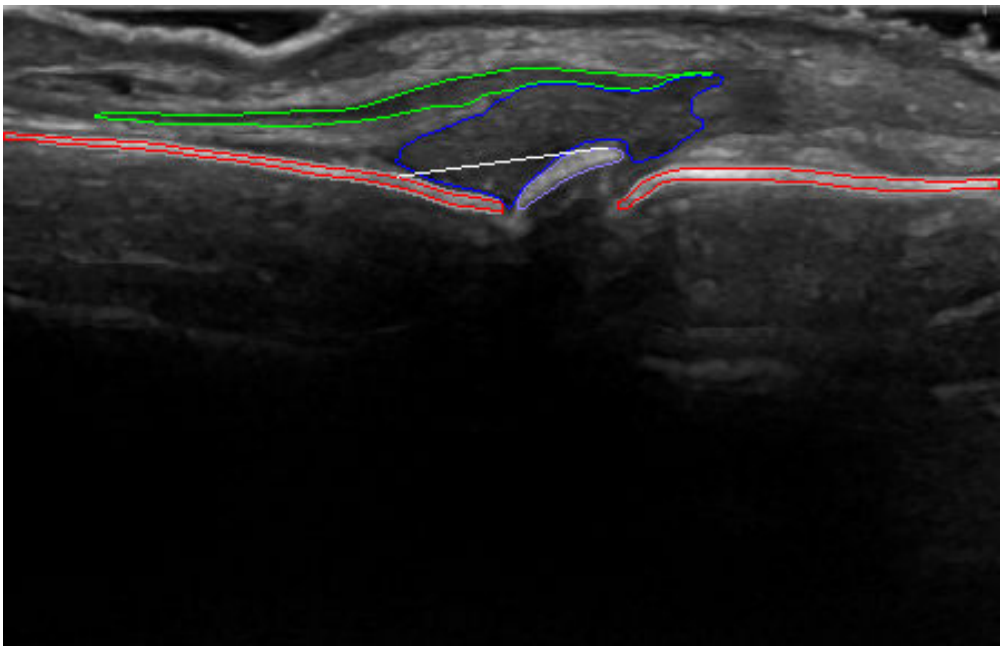
Synovial Hypertrophy score: 3
Synovial hypertrophy above the joint line with a convex surface

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

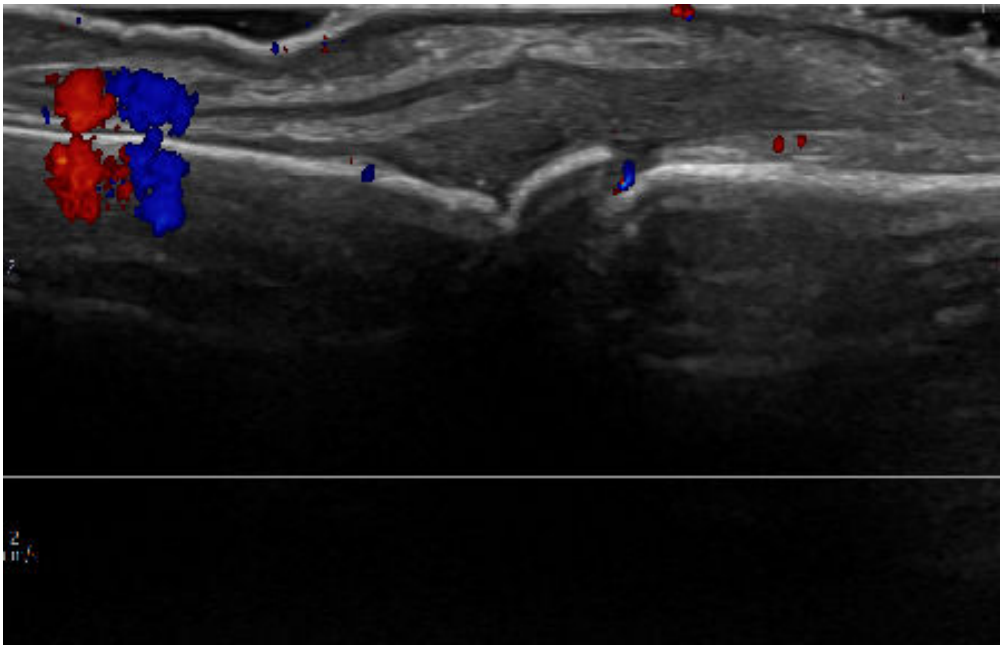
Osteophyte score: 1
1 osteophyte with marginal vertical distance to the bone

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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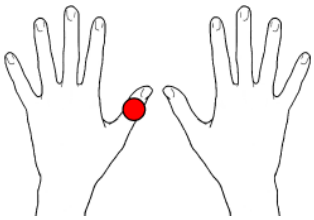
Left PIP-1



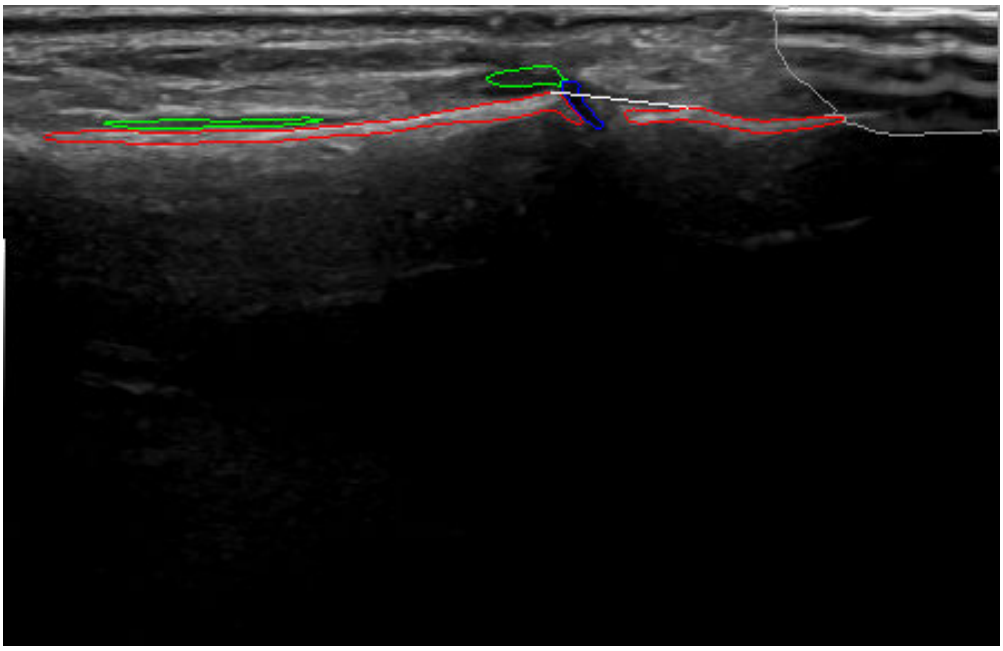
Synovial Hypertrophy score: 0
No signs of synovial hypertrophy

Doppler Activity score: 3
Severe Doppler activity (98% of synovium covered in Doppler activity) (Doppler image contains noise)

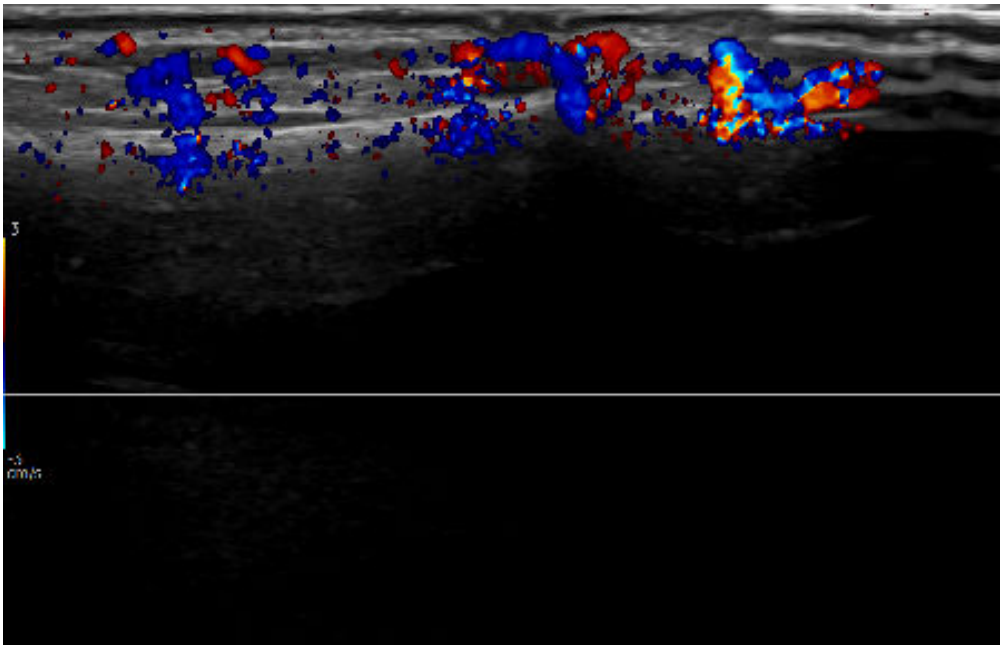
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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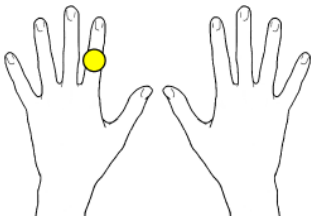
Left PIP-2



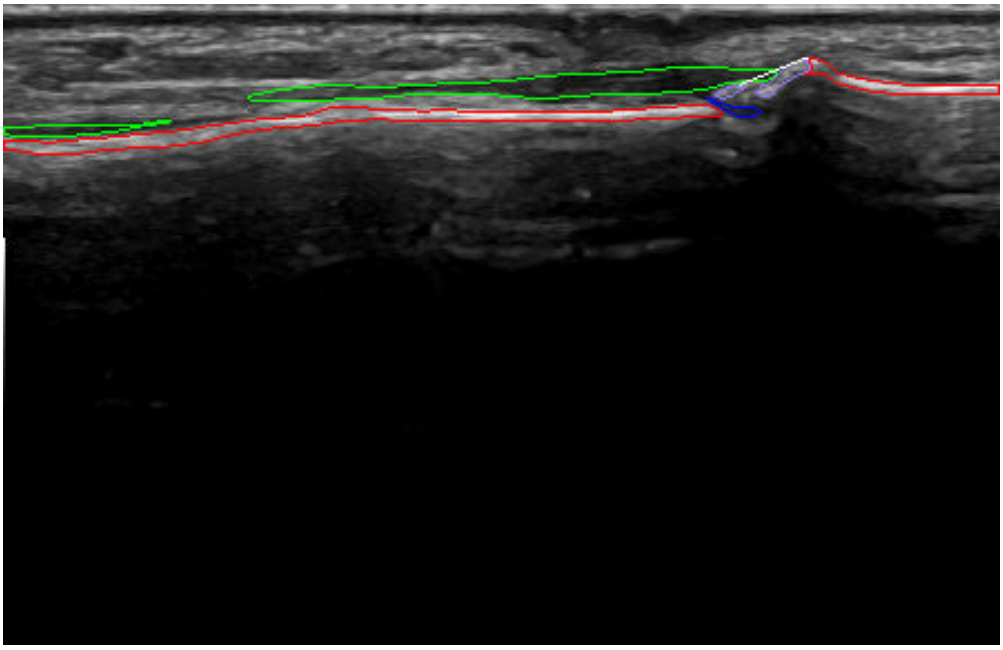
Synovial Hypertrophy score: 0
No signs of synovial hypertrophy

Doppler Activity score: 0
No Doppler activity inside synovium

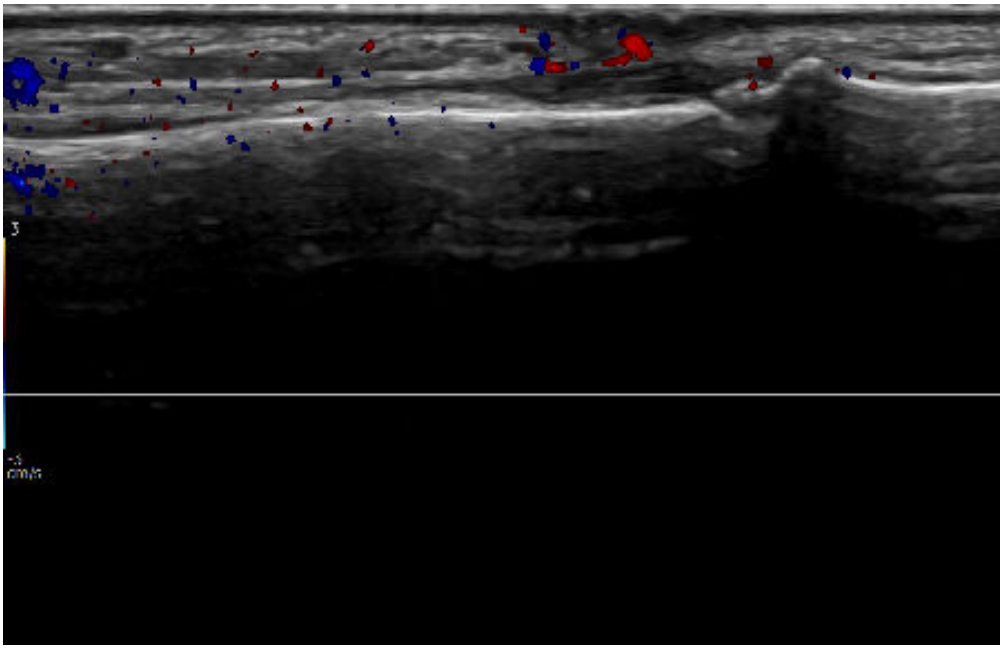
Osteophyte score: 2
2 osteophytes with a marginal vertical distance to the bone

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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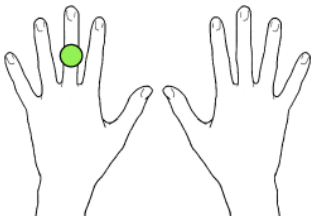
Left PIP-3



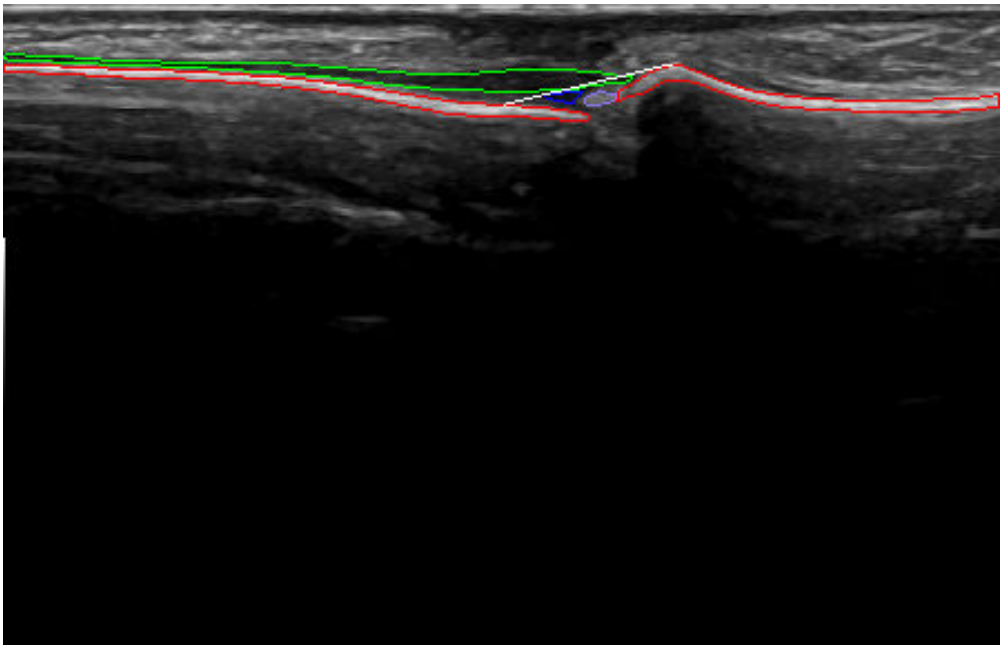
Synovial Hypertrophy score: 0
No signs of synovial hypertrophy

Doppler Activity score: 0
No Doppler activity inside synovium

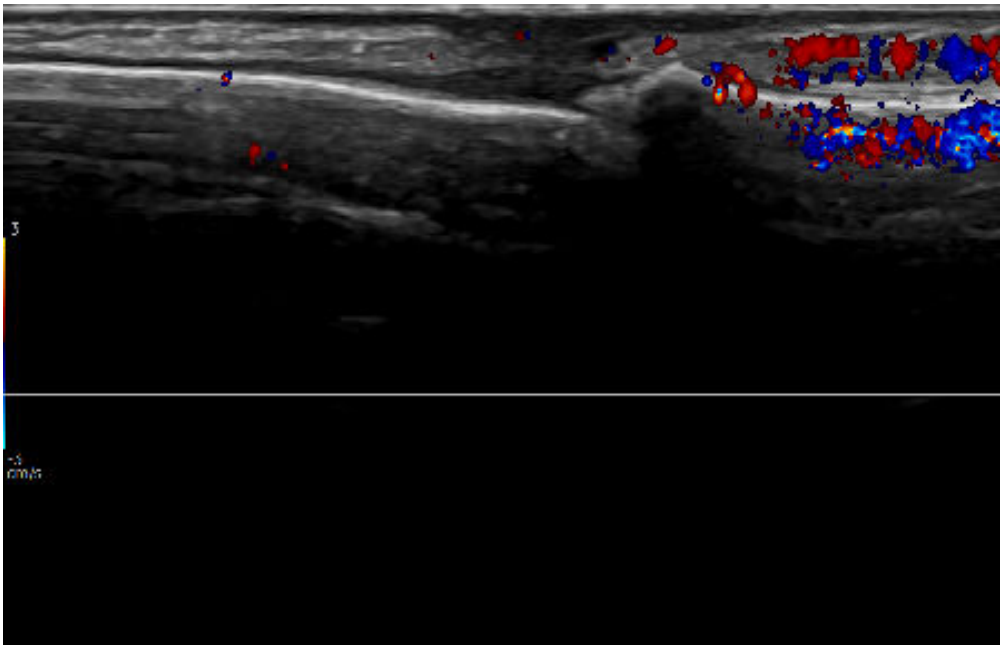
Osteophyte score: 1
1 osteophyte with marginal vertical distance to the bone

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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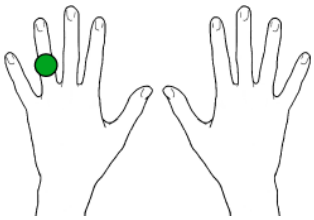
Left PIP-4



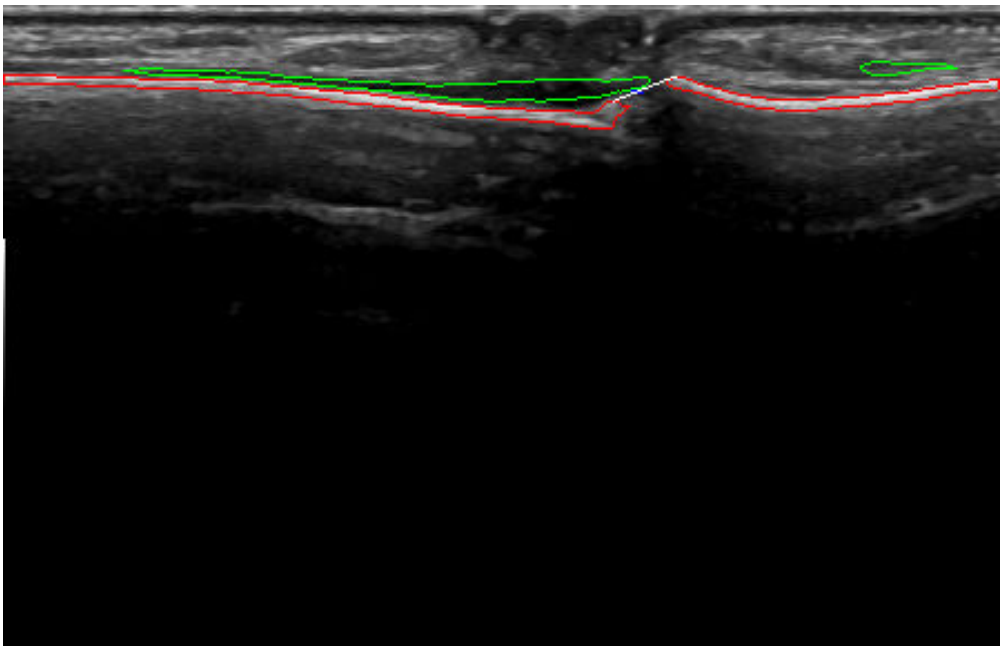
Synovial Hypertrophy score: 0
No signs of synovial hypertrophy

Doppler Activity score: 0
No Doppler activity inside synovium

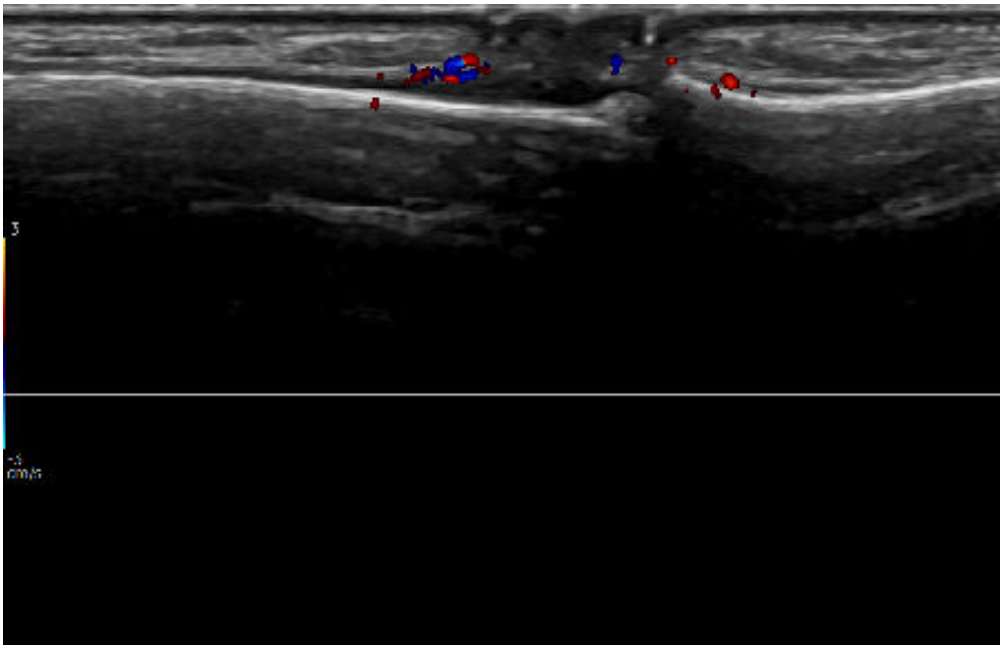
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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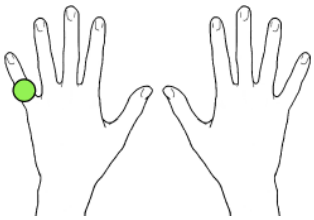
Left PIP-5



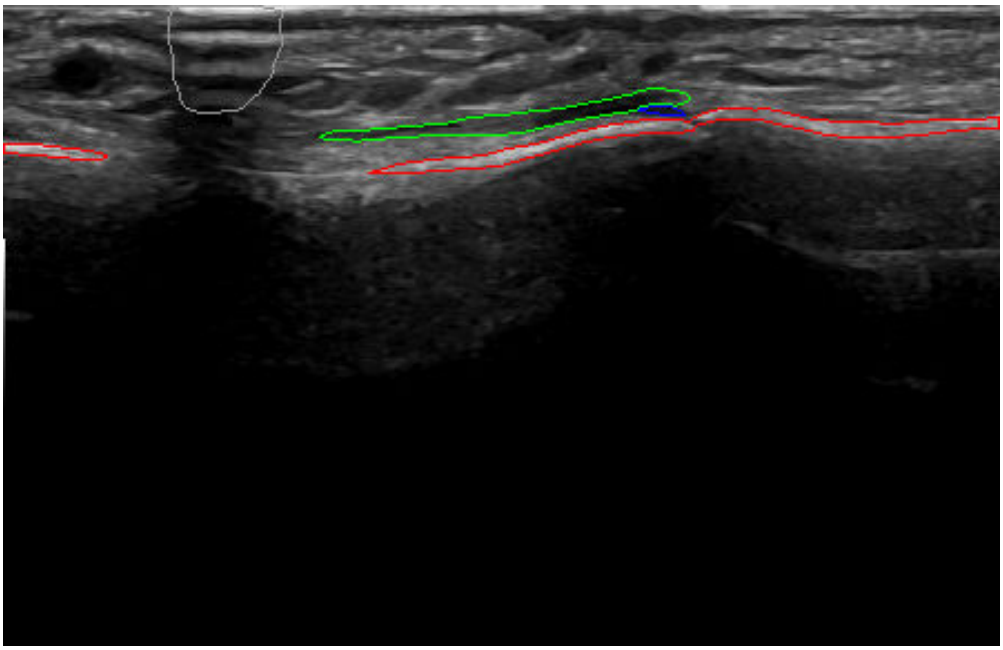
Synovial Hypertrophy score: 1
Minimal synovial hypertrophy (based on its area)

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

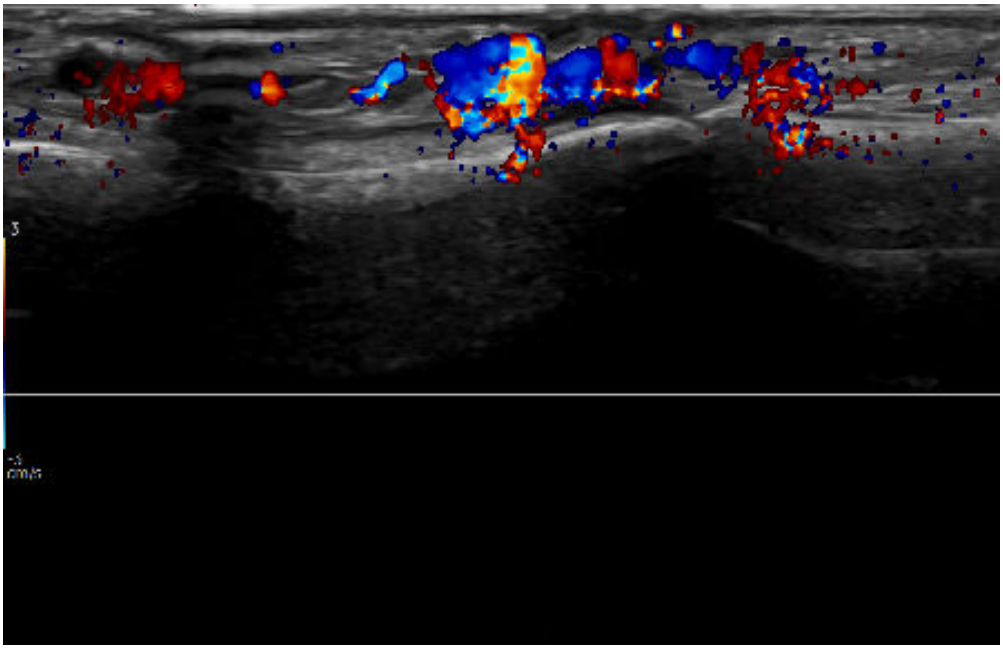
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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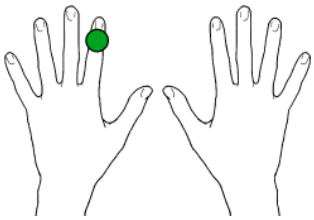
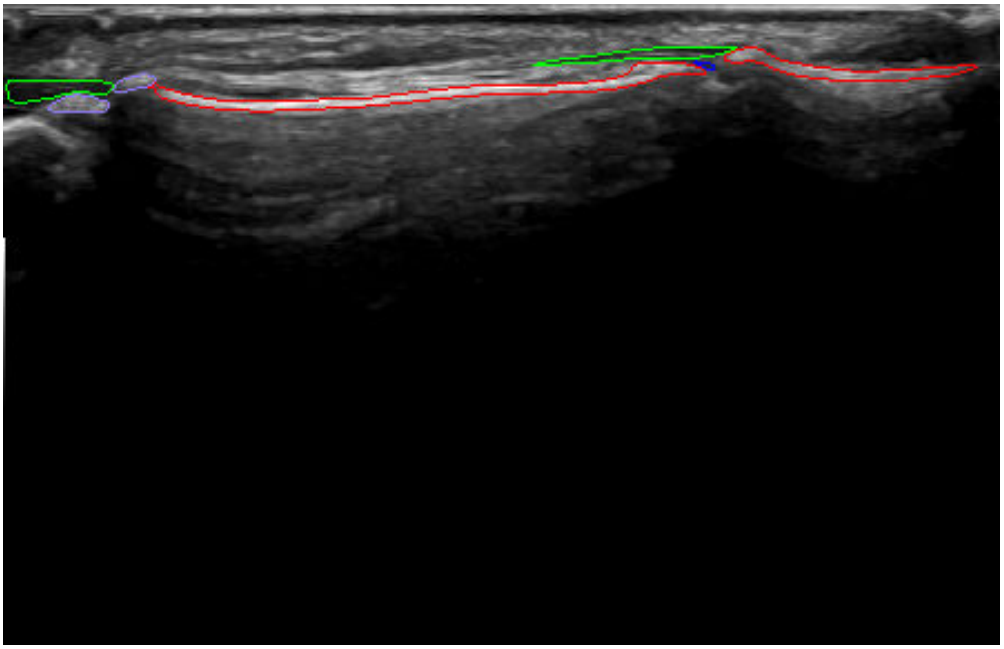
Left DIP-2



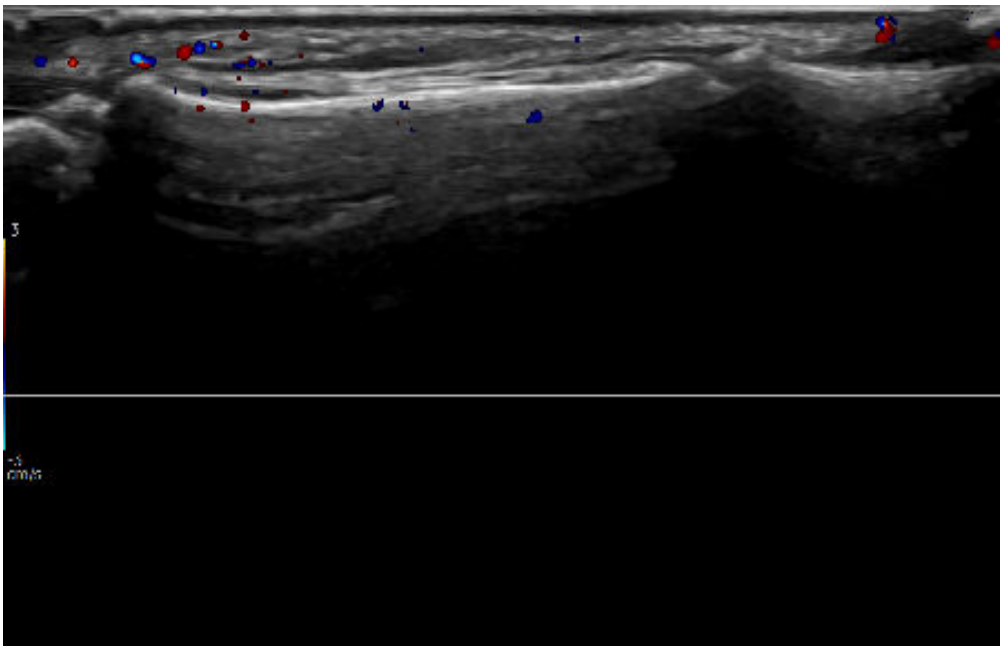
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact

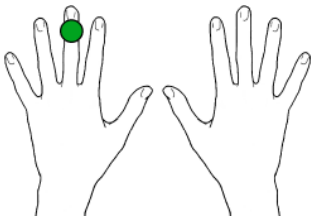


Doppler



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

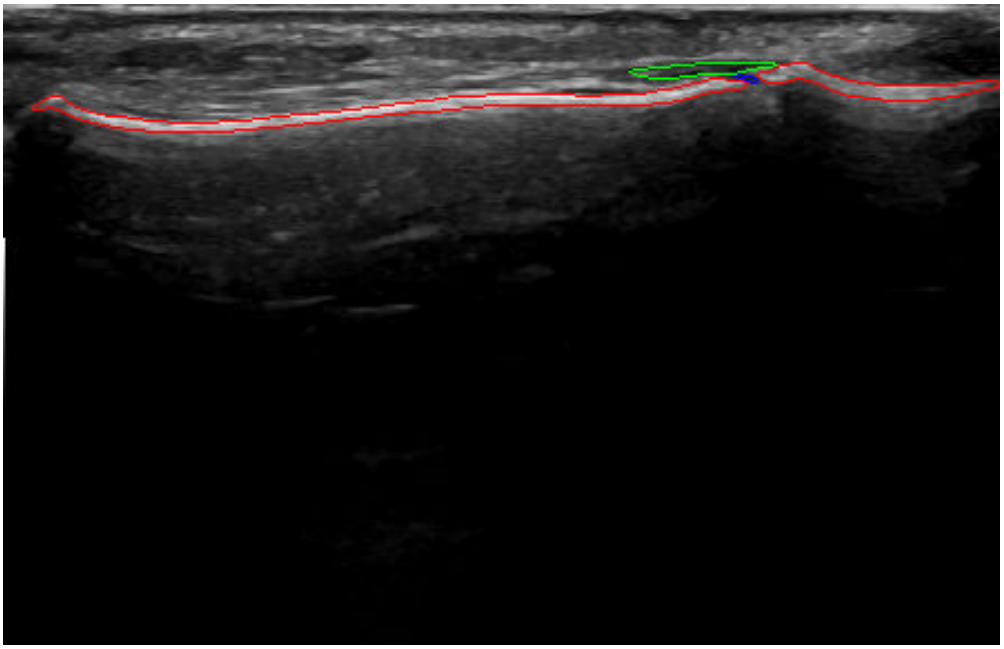
Left DIP-3



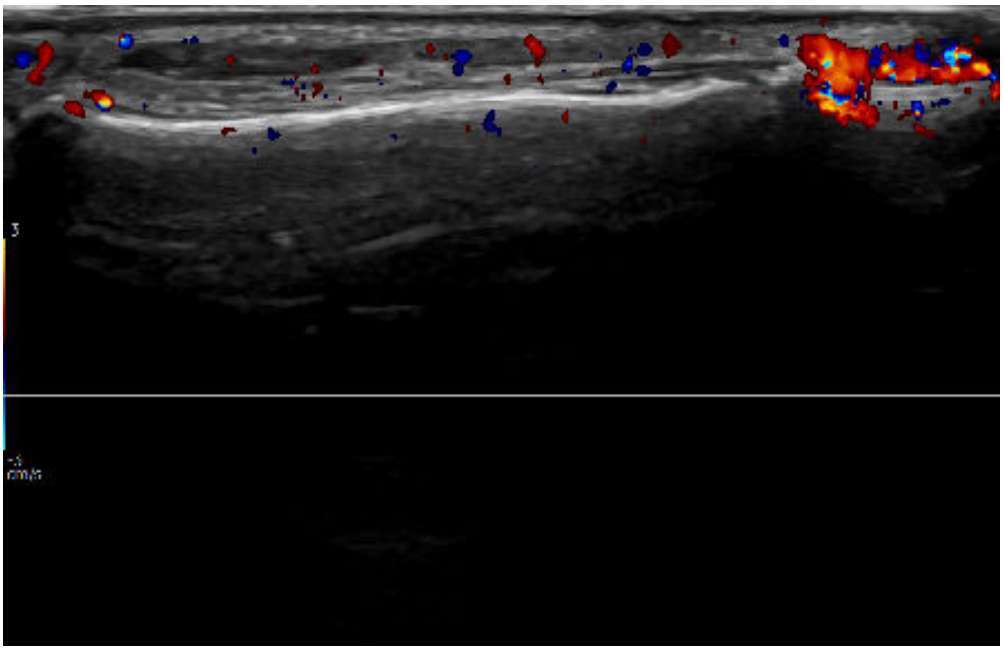
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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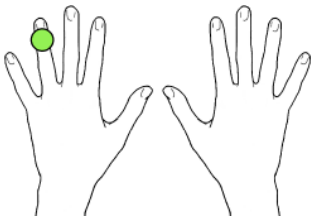
Left DIP-4

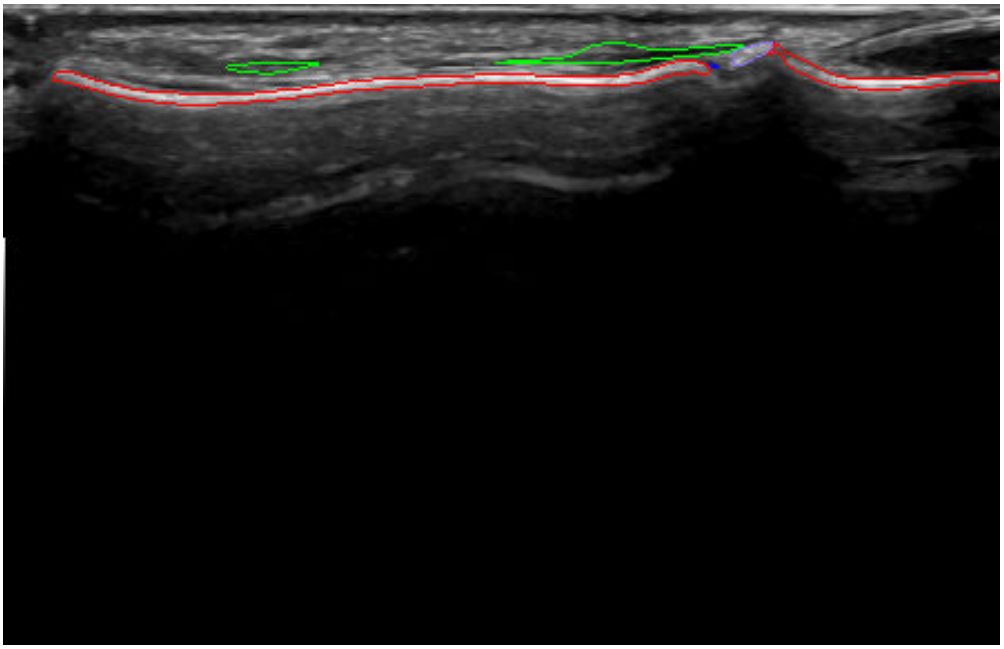


Osteophyte score: 1

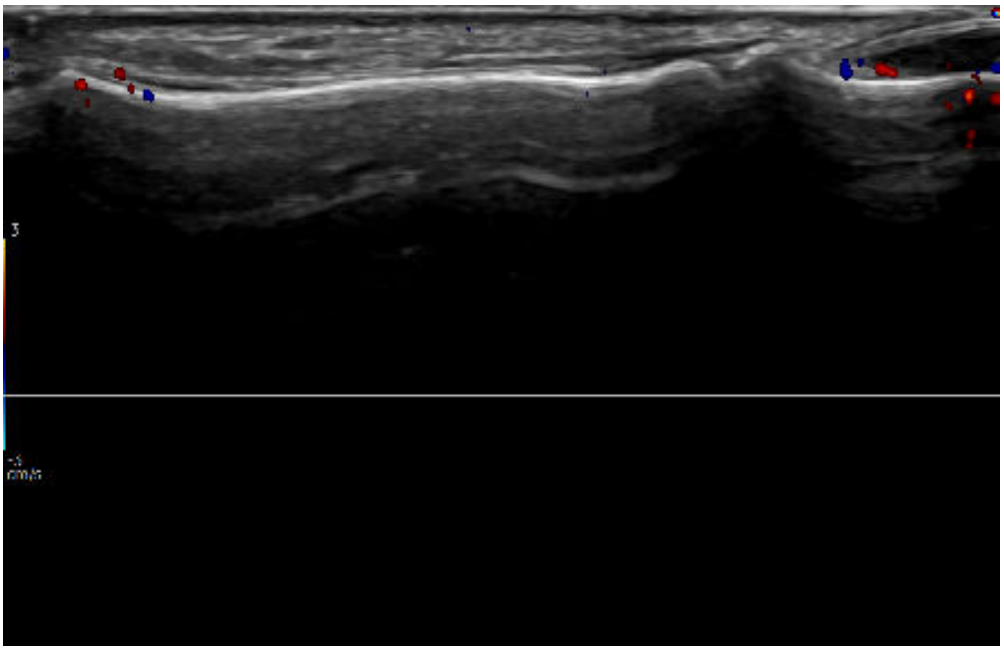
1 osteophyte with marginal vertical distance to the bone

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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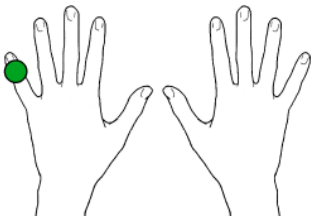
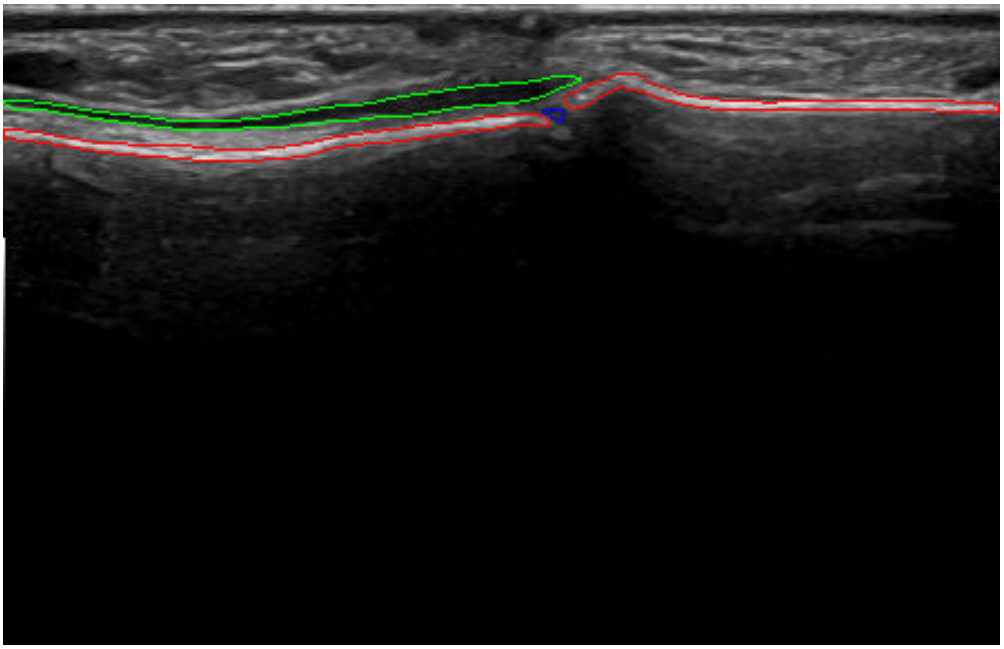
Left DIP-5



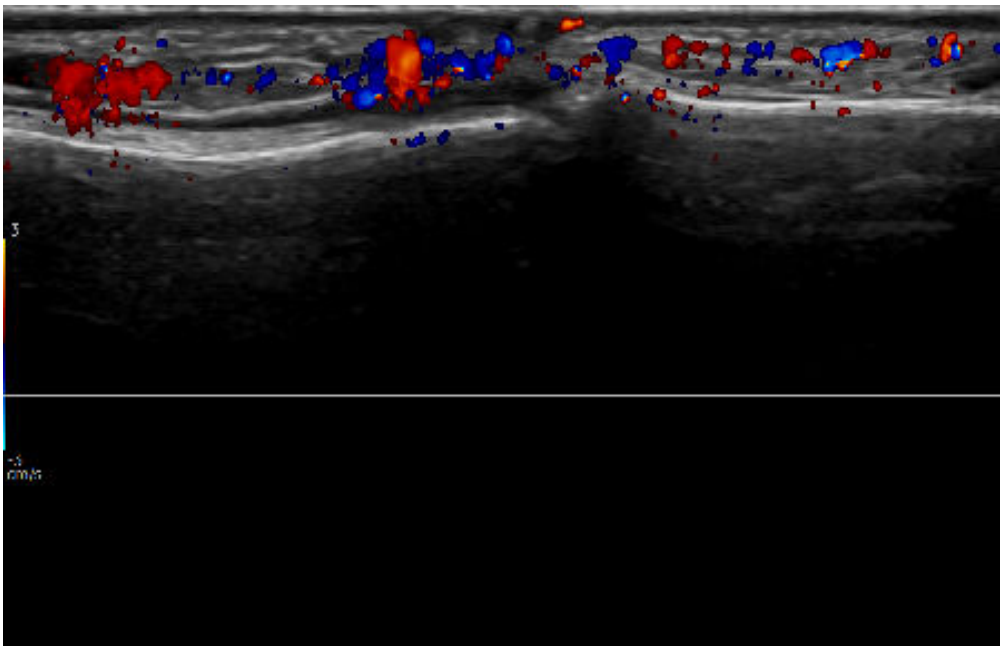
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact

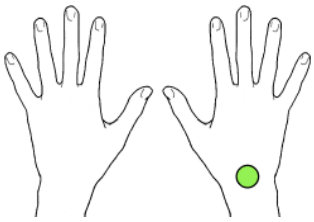


Doppler



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

Right RCIC

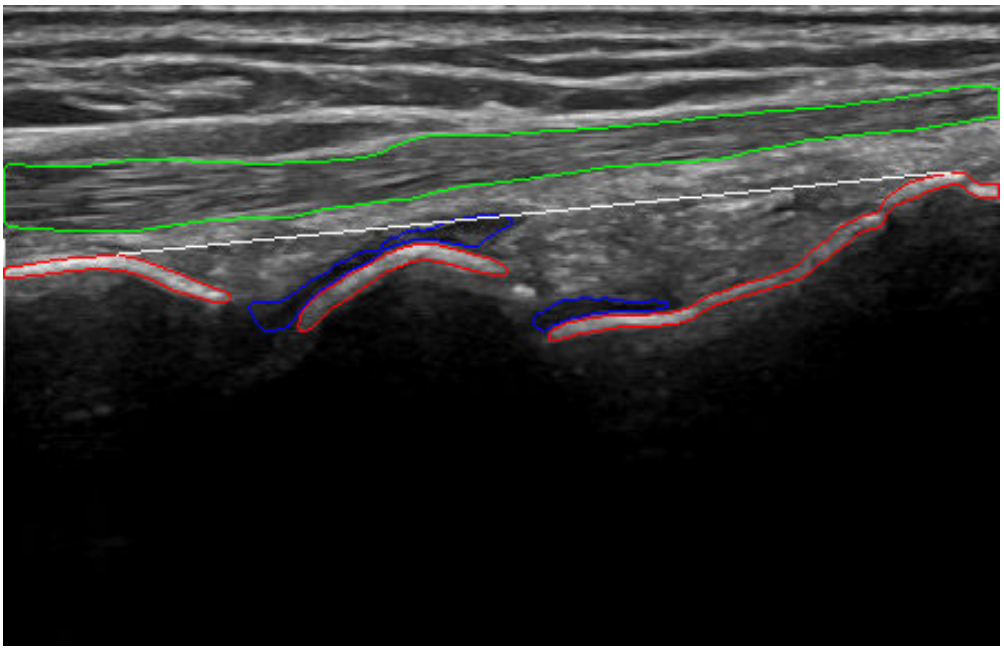


Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

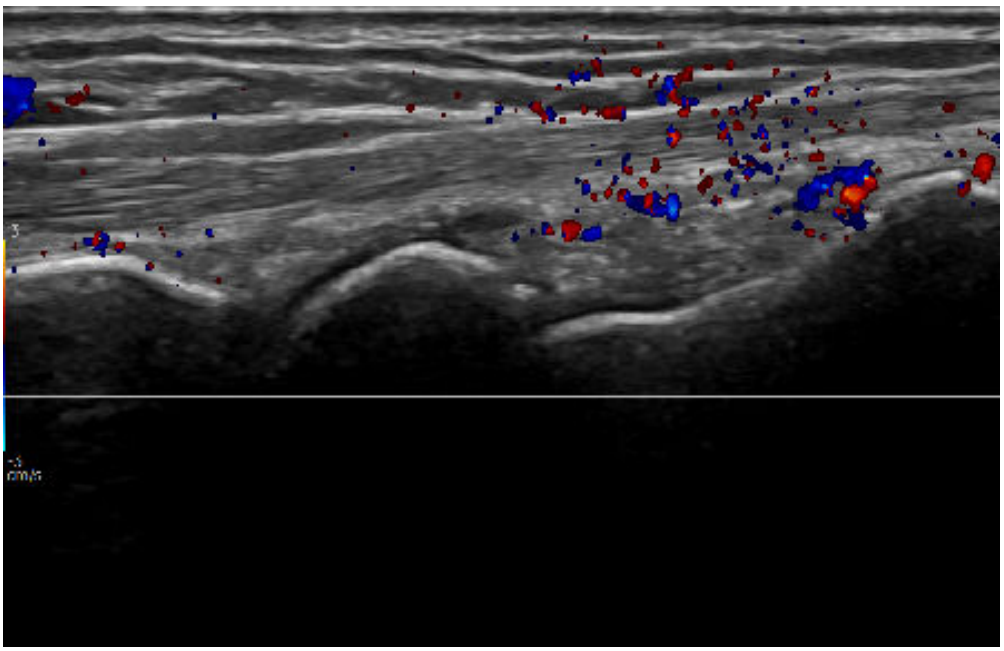
Doppler Activity score: 0
No Doppler activity inside synovium

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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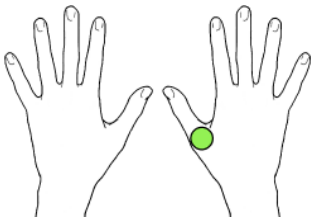
Right MCP-1



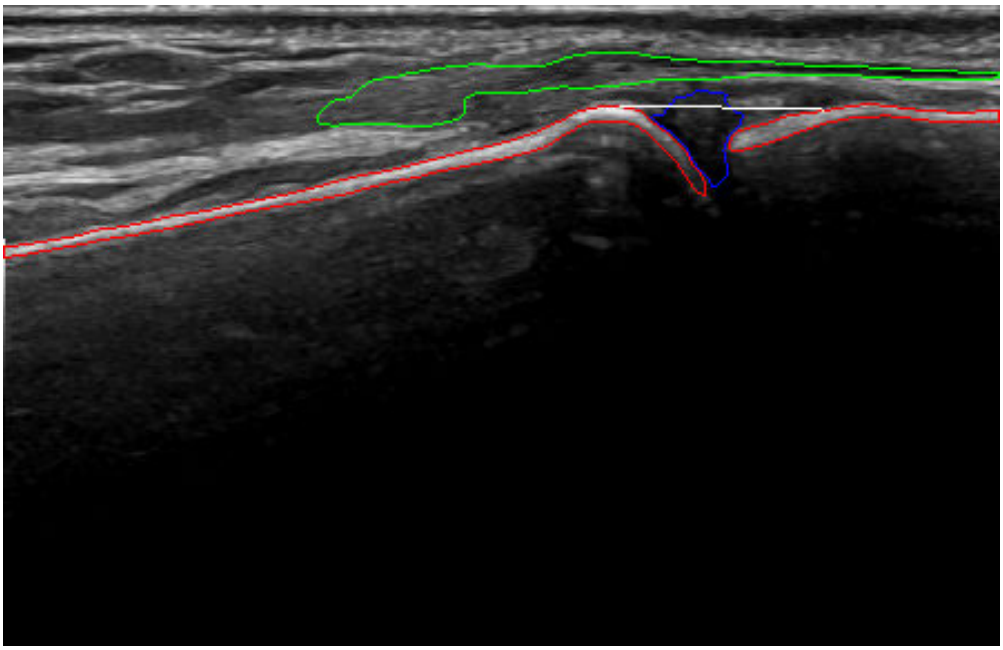
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

Doppler Activity score: 0
No Doppler activity inside synovium

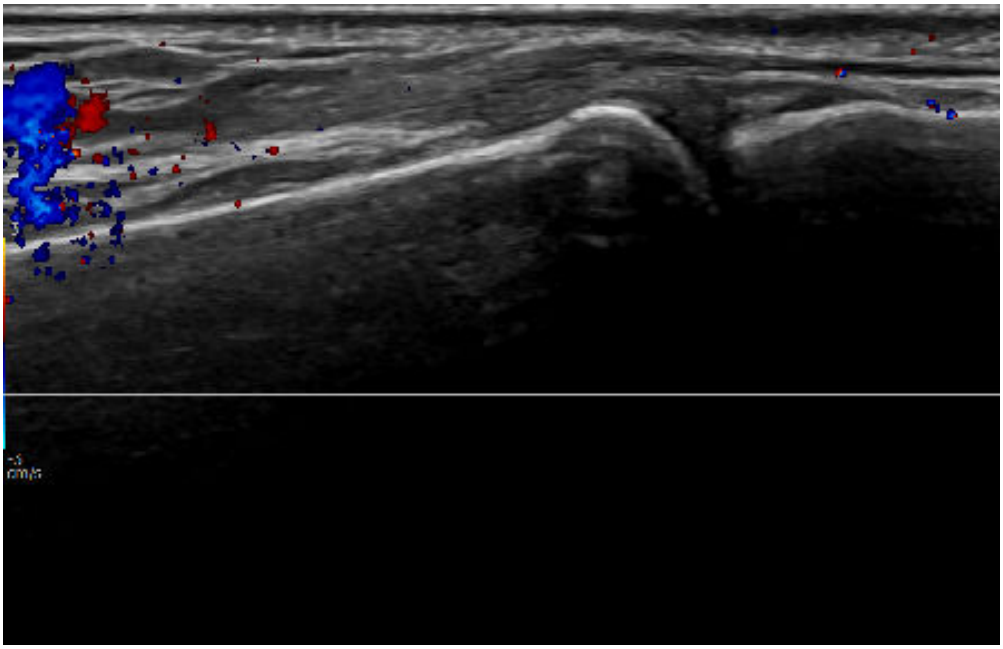
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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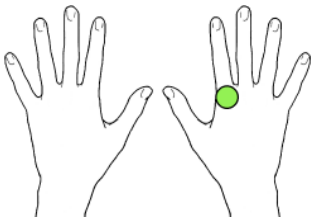
Right MCP-2



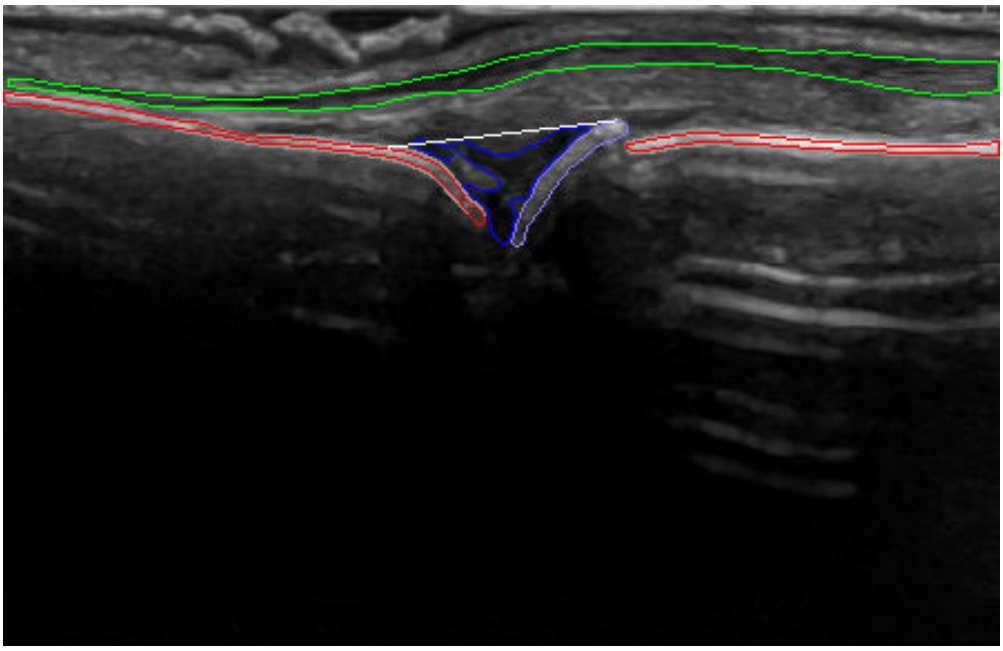
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

Doppler Activity score: 0
No Doppler activity inside synovium

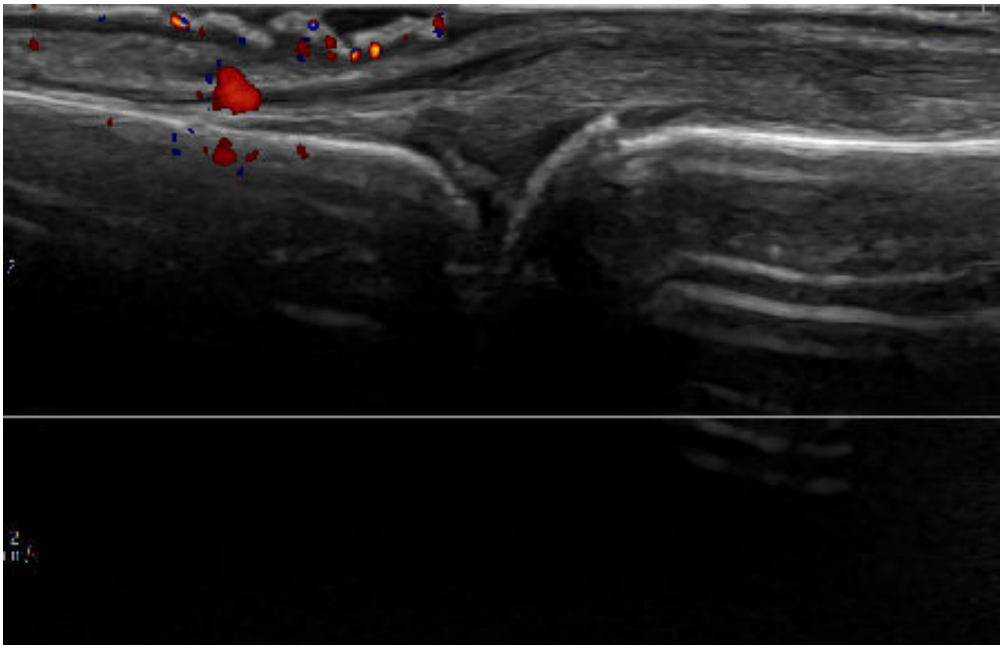
Osteophyte score: 1
1 osteophyte with marginal vertical distance to the bone

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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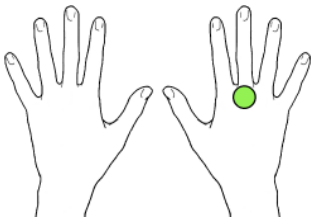
Right MCP-3



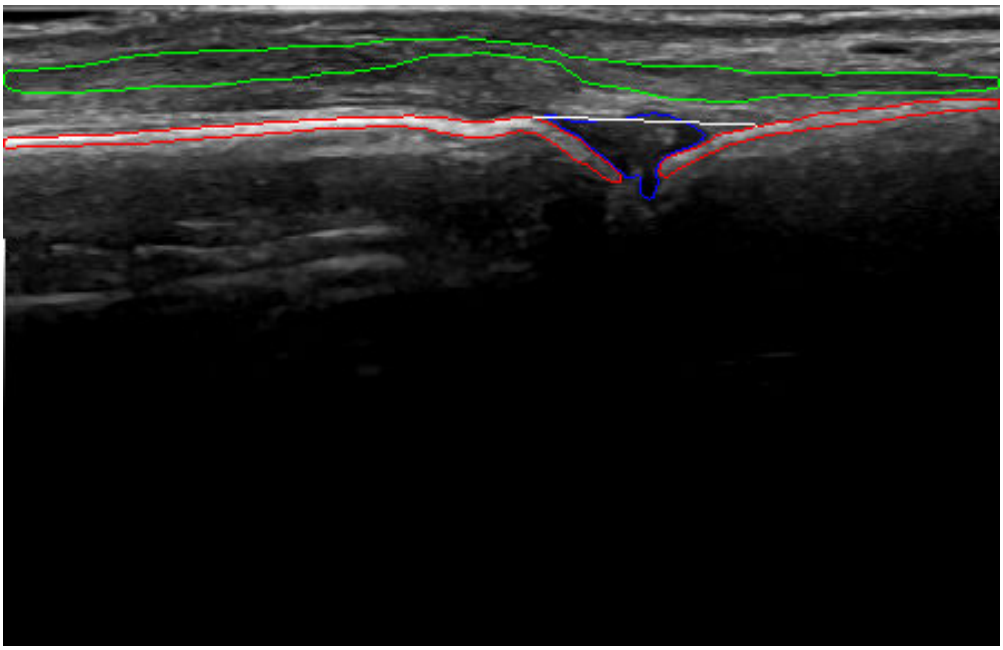
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

Doppler Activity score: 0
No Doppler activity inside synovium

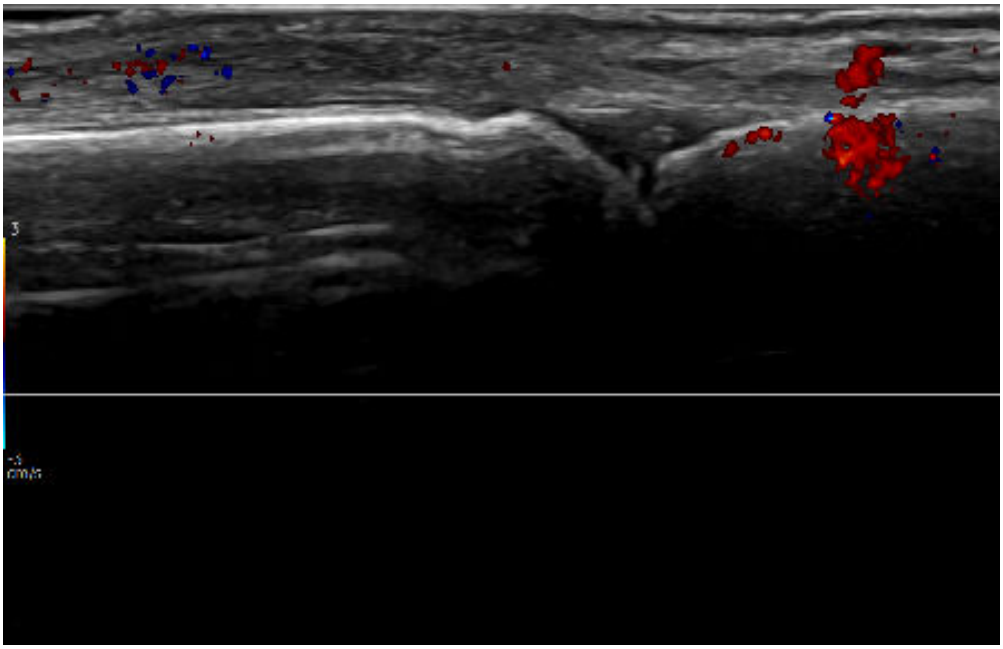
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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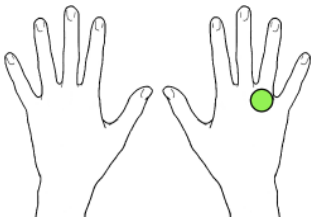
Right MCP-4



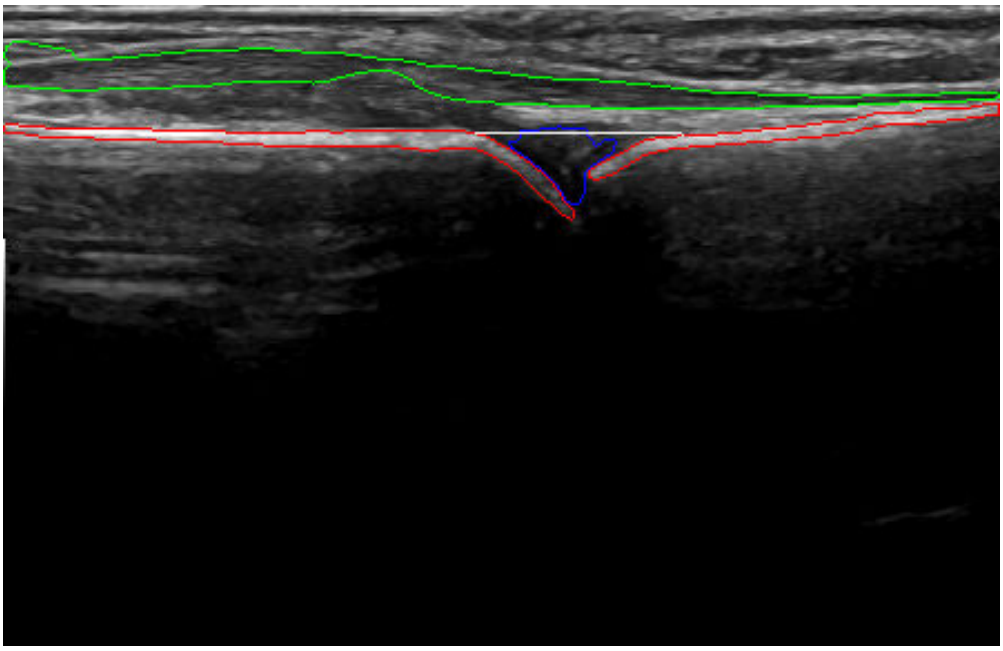
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line (marginally above the joint line judged insignificant to the overall assessment)

Doppler Activity score: 0
No Doppler activity inside synovium

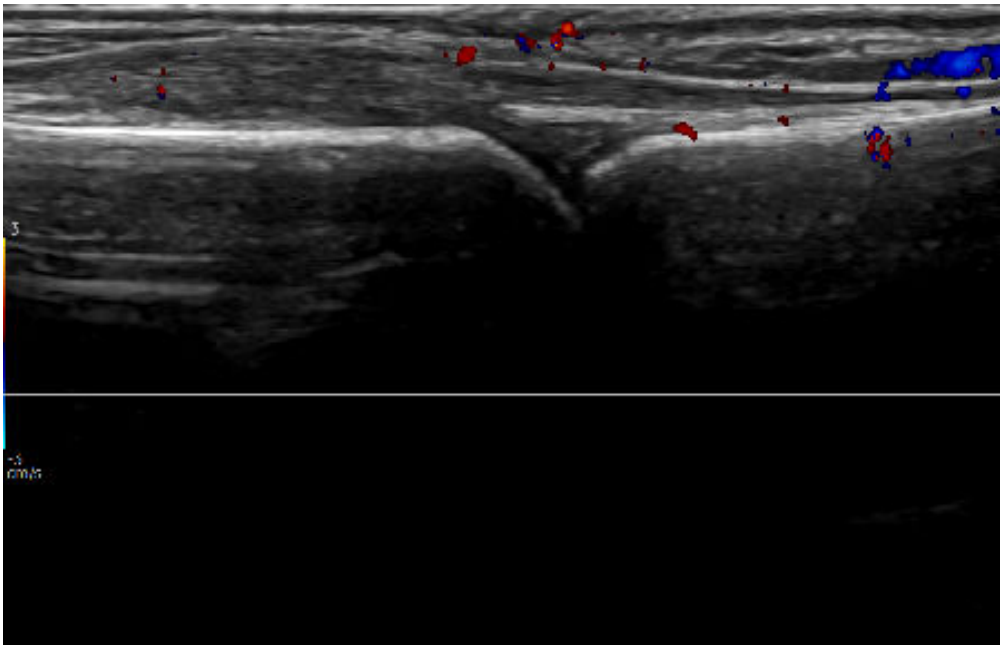
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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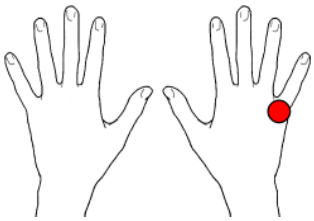
Right MCP-5



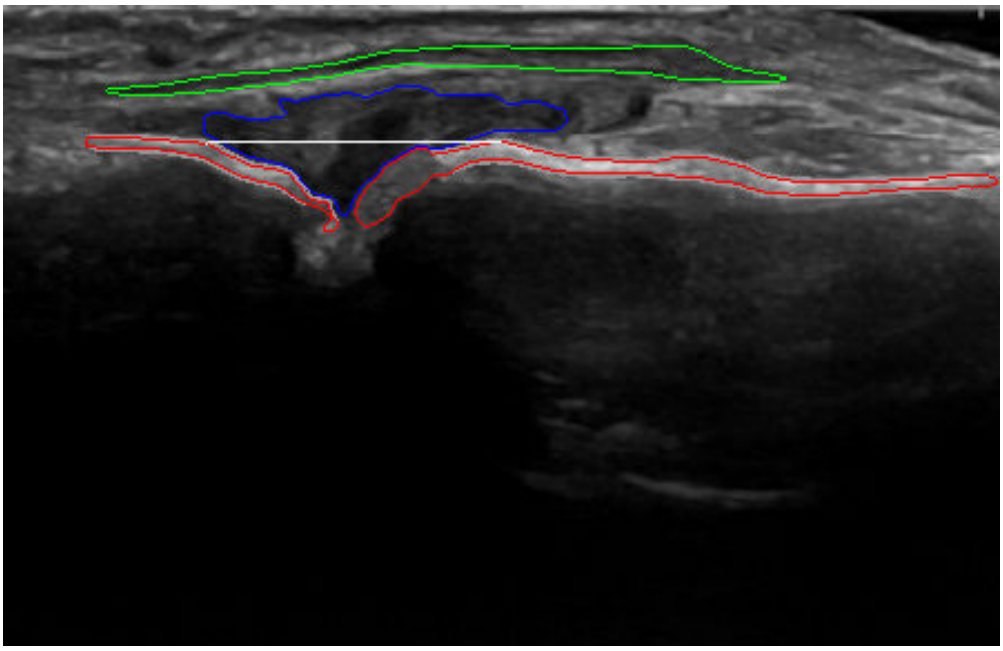
Synovial Hypertrophy score: 3
Synovial hypertrophy above the joint line with a convex surface

Doppler Activity score: 0
No Doppler activity inside synovium

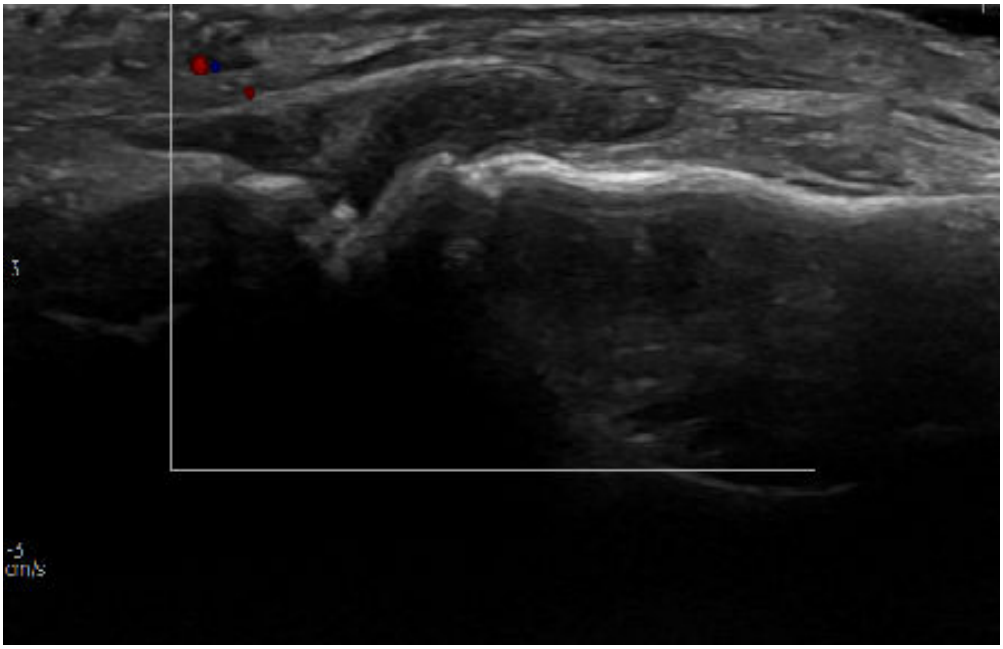
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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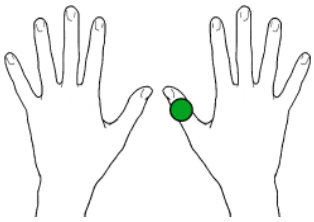
Right PIP-1



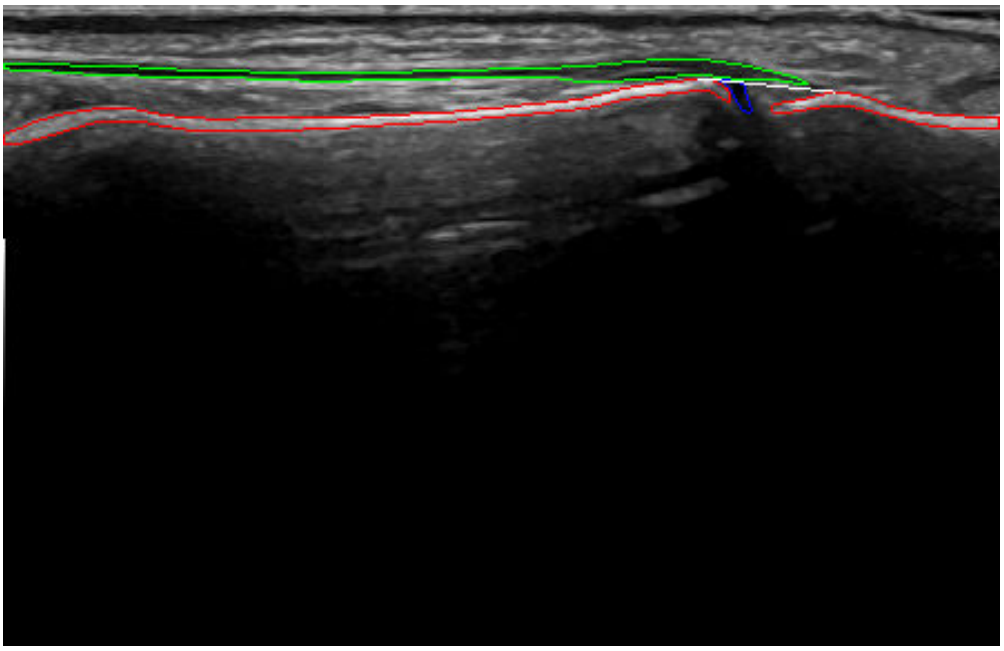
Synovial Hypertrophy score: 0
No signs of synovial hypertrophy

Doppler Activity score: 0
No Doppler activity inside synovium (Doppler image contains noise)

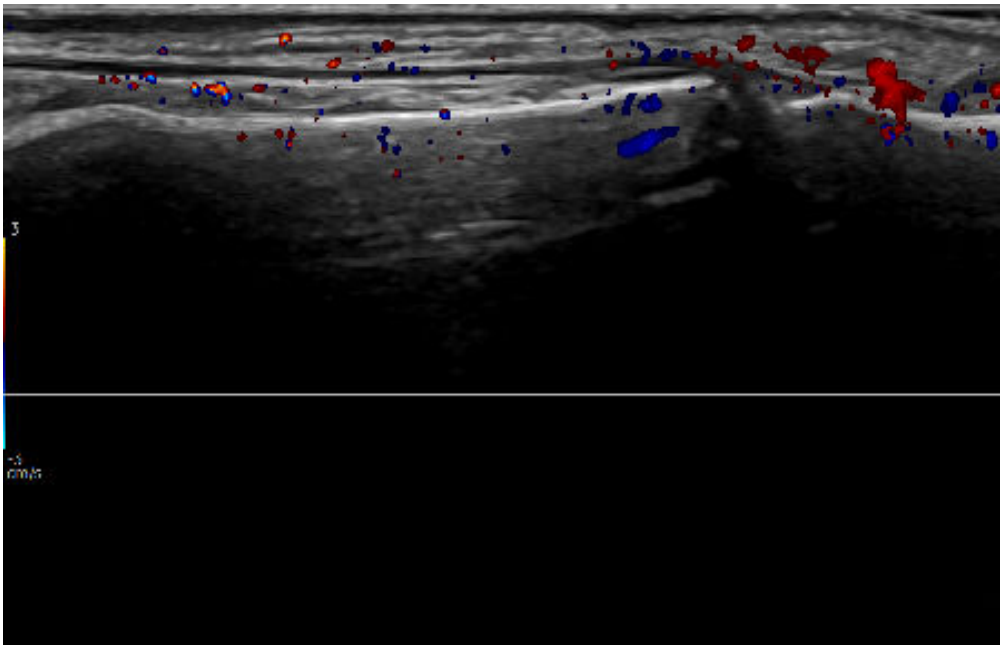
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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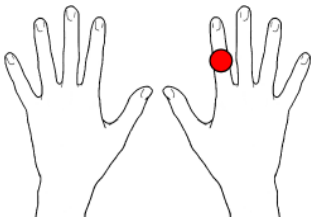
Right PIP-2



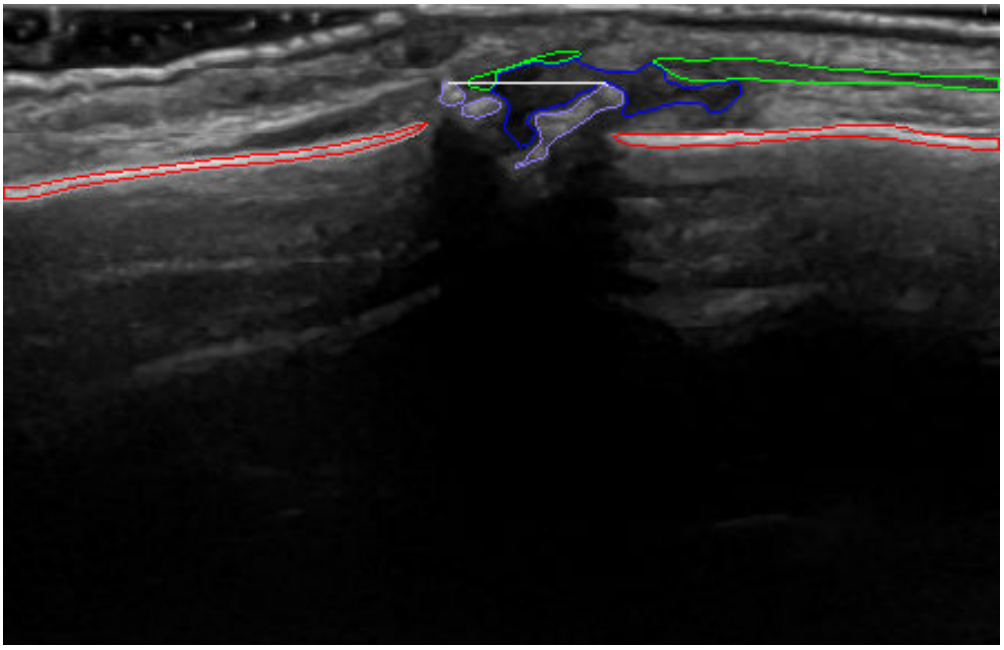
Synovial Hypertrophy score: 2
Synovial hypertrophy above the joint line with a concave surface

Doppler Activity score: 2
Moderate Doppler activity (1 spots & 3 confluent spots inside synovium)

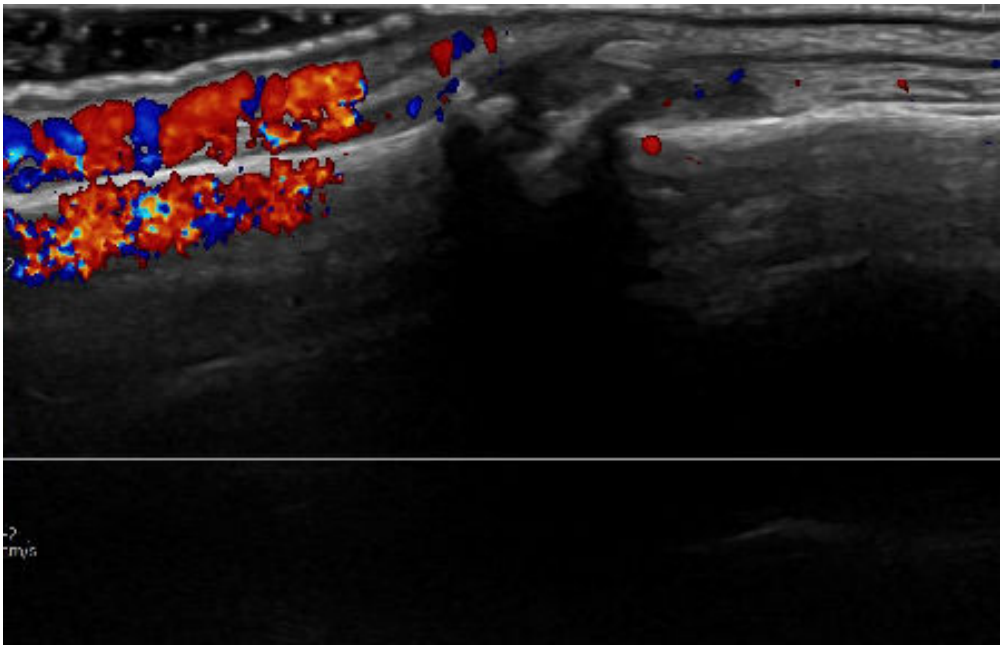
Osteophyte score: 3
2 osteophytes with a substantial vertical distance to the bone

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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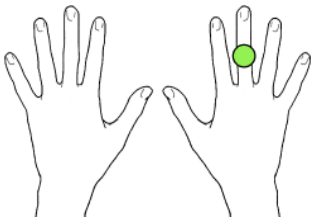
Right PIP-3



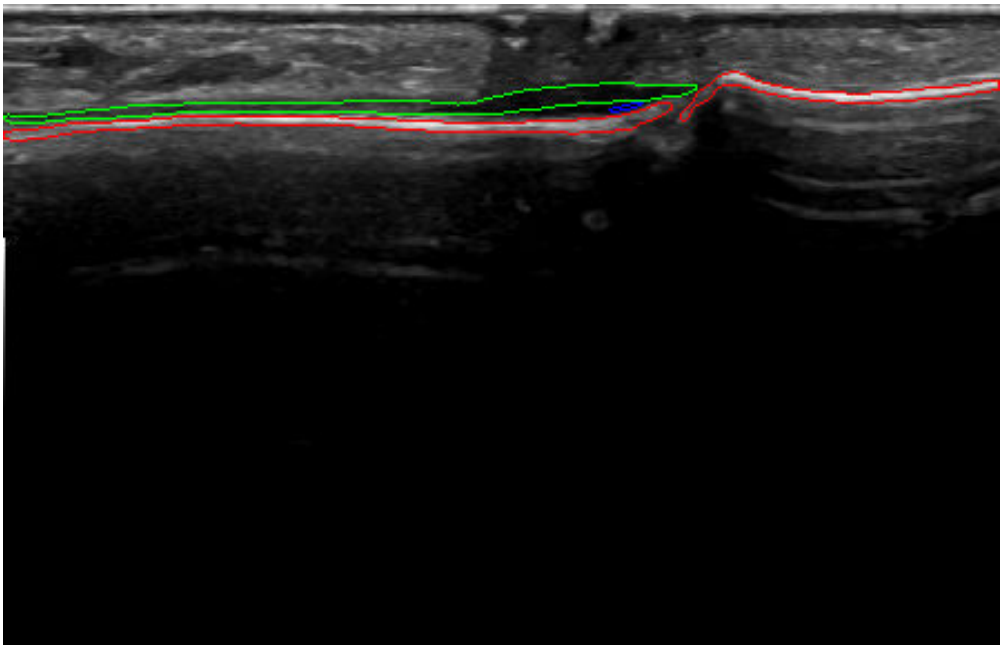
Synovial Hypertrophy score: 1
Minimal synovial hypertrophy (based on its area)

Doppler Activity score: 0
No Doppler activity inside synovium

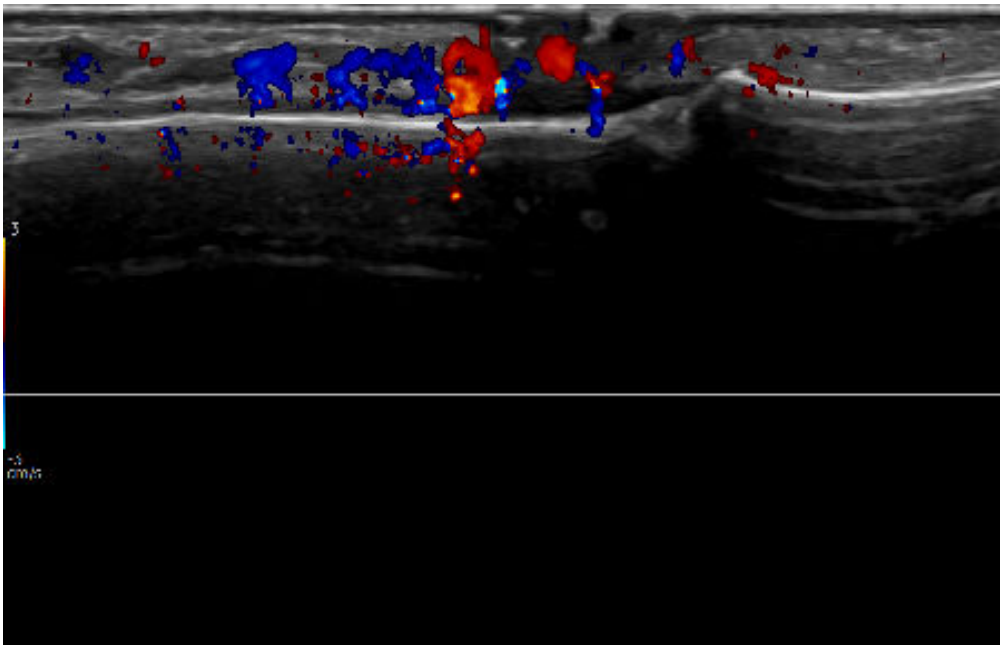
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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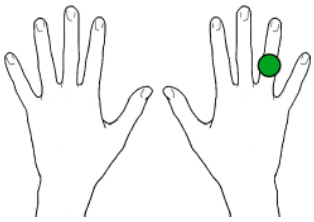
Right PIP-4



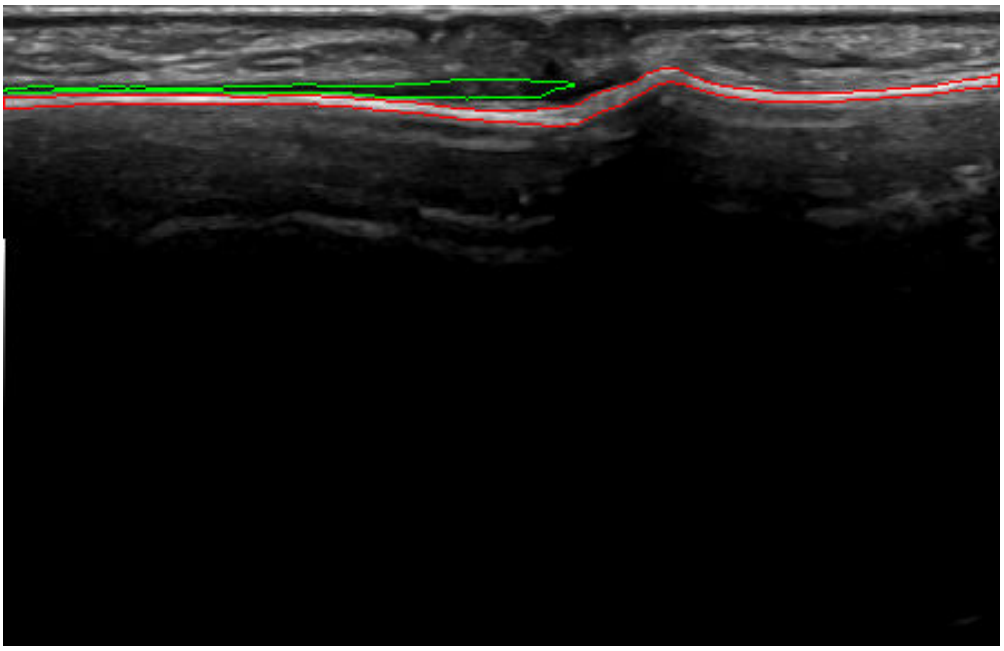
Synovial Hypertrophy score: 0
No signs of synovial hypertrophy

Doppler Activity score: 0
No Doppler activity inside synovium

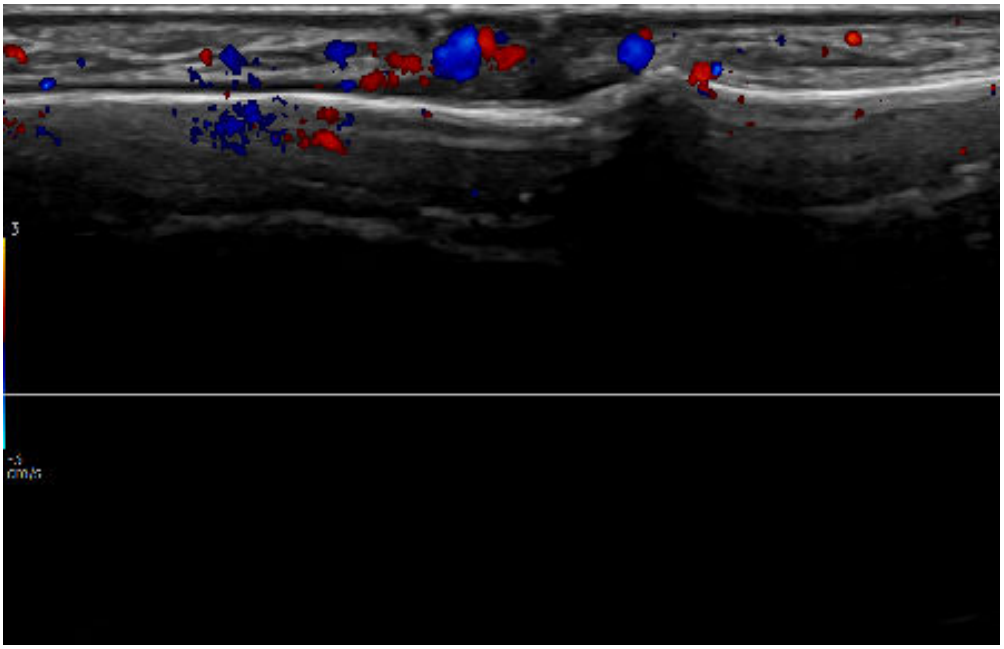
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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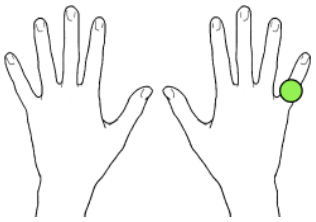
Right PIP-5



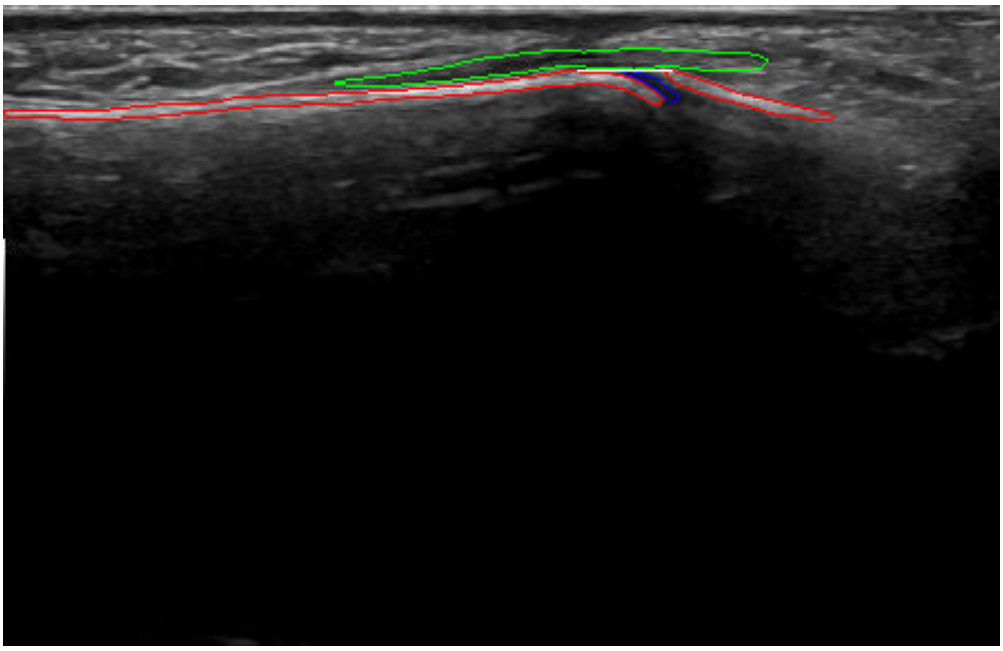
Synovial Hypertrophy score: 1
Synovial hypertrophy under the joint line

Doppler Activity score: 0
No Doppler activity inside synovium

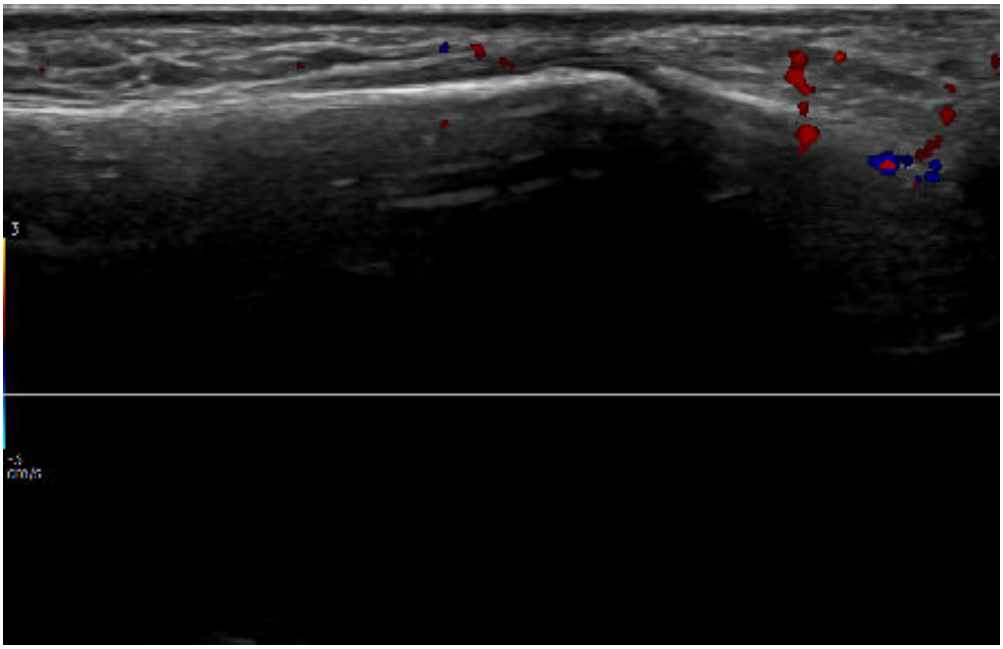
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



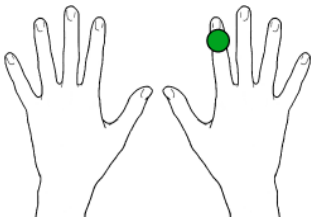
Doppler



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

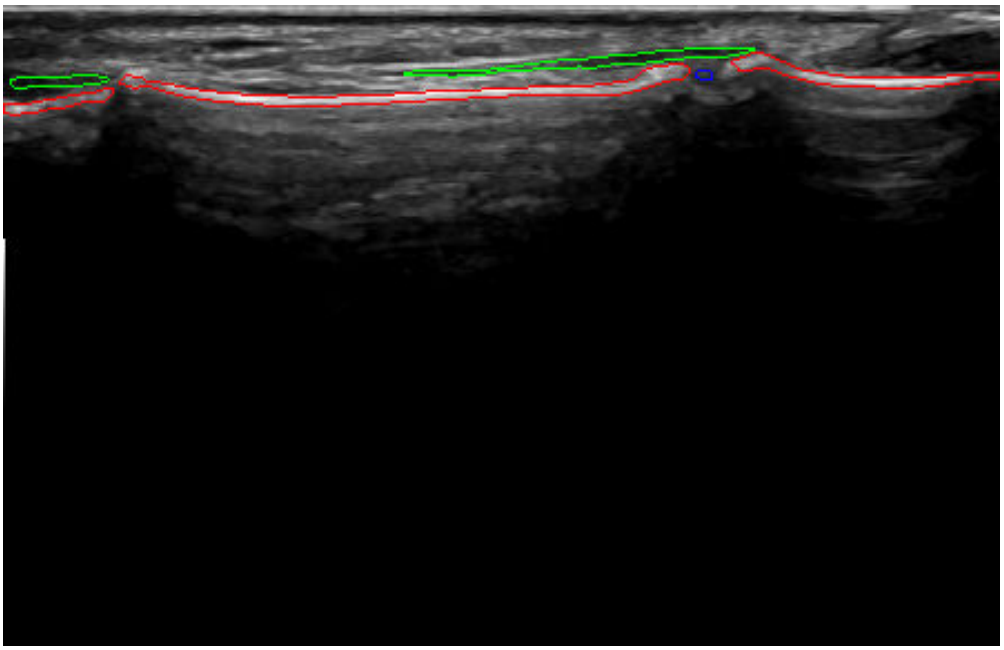
Right DIP-2

Osteophyte score: 0
No osteophytes identified

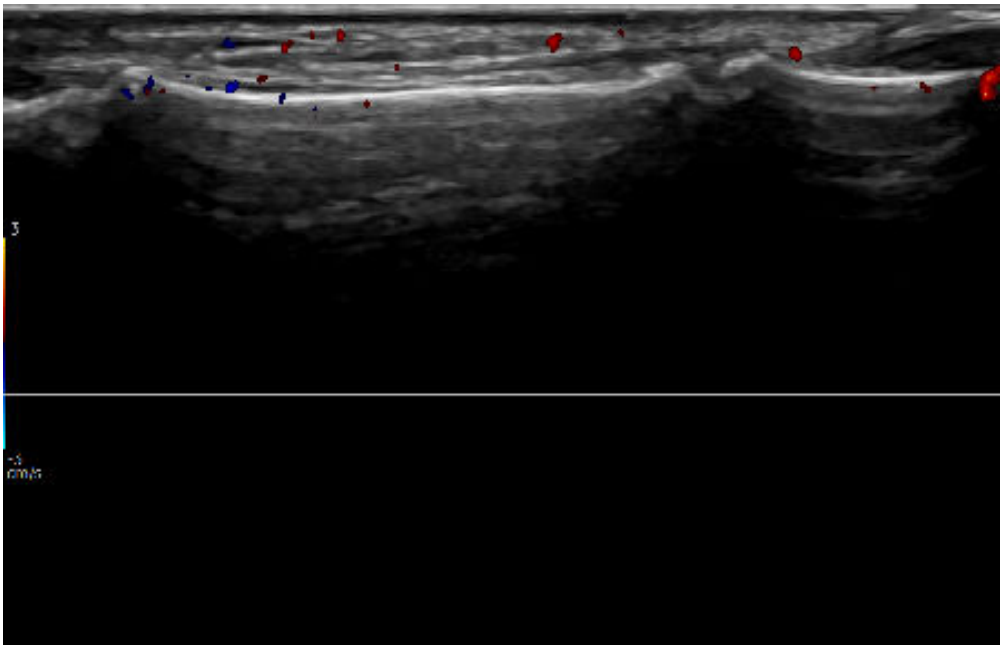


B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact

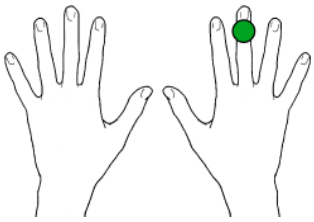


Doppler



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

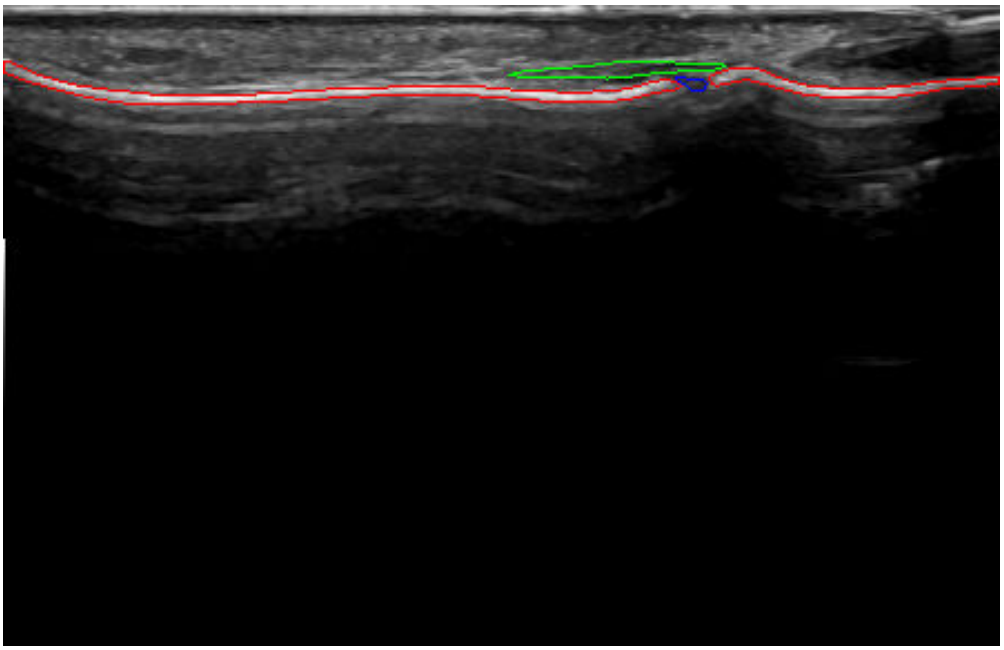
Right DIP-3



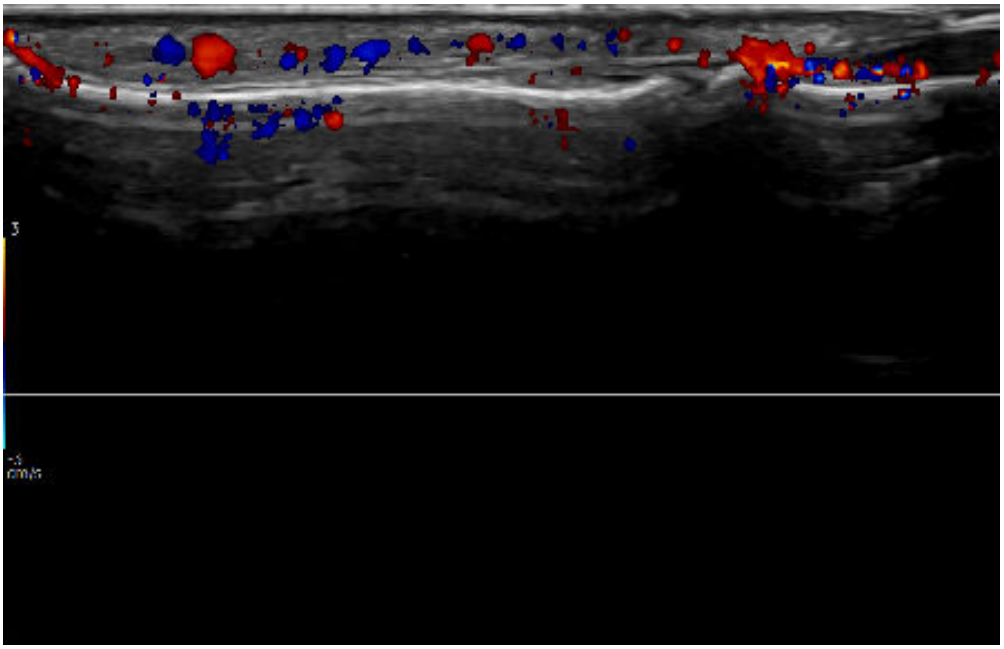
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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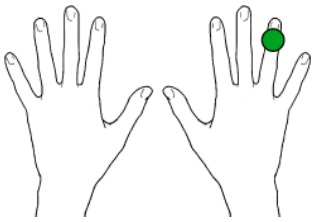
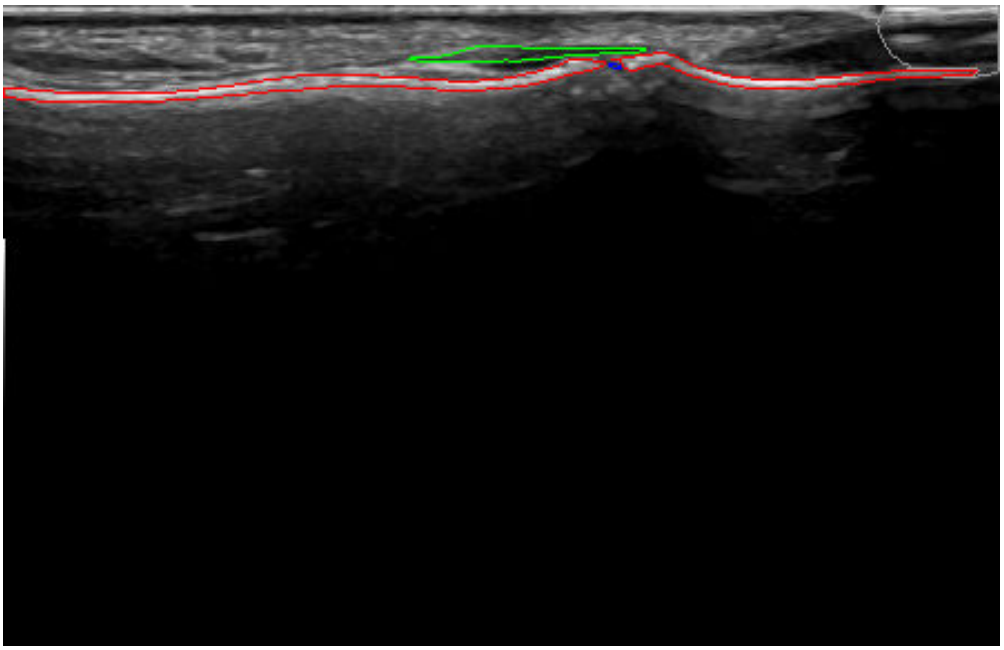
Right DIP-4



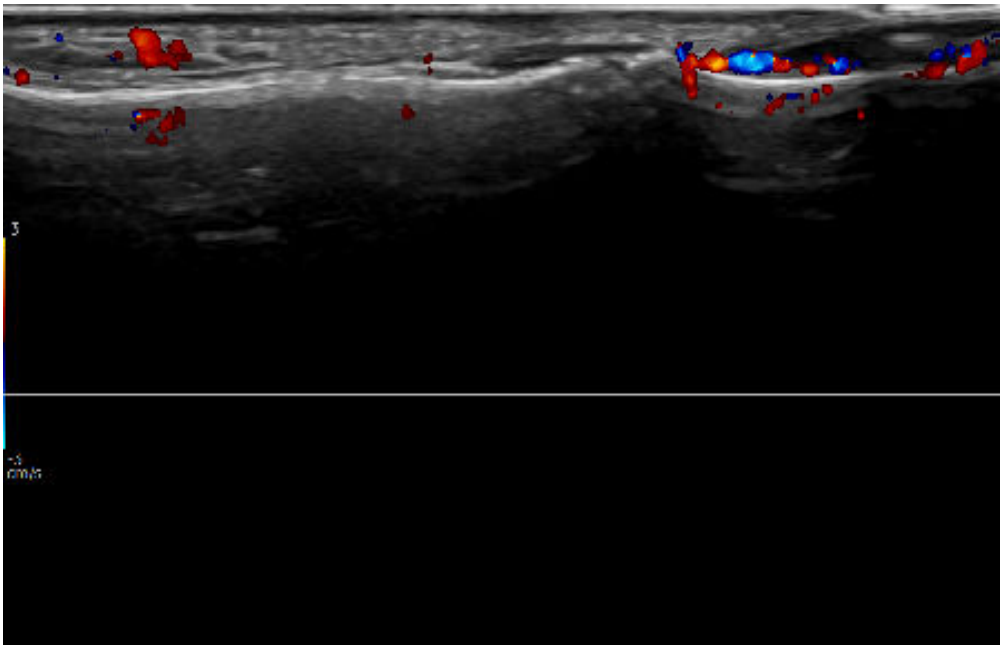
Osteophyte score: 0
No osteophytes identified

B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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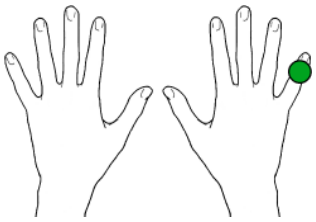
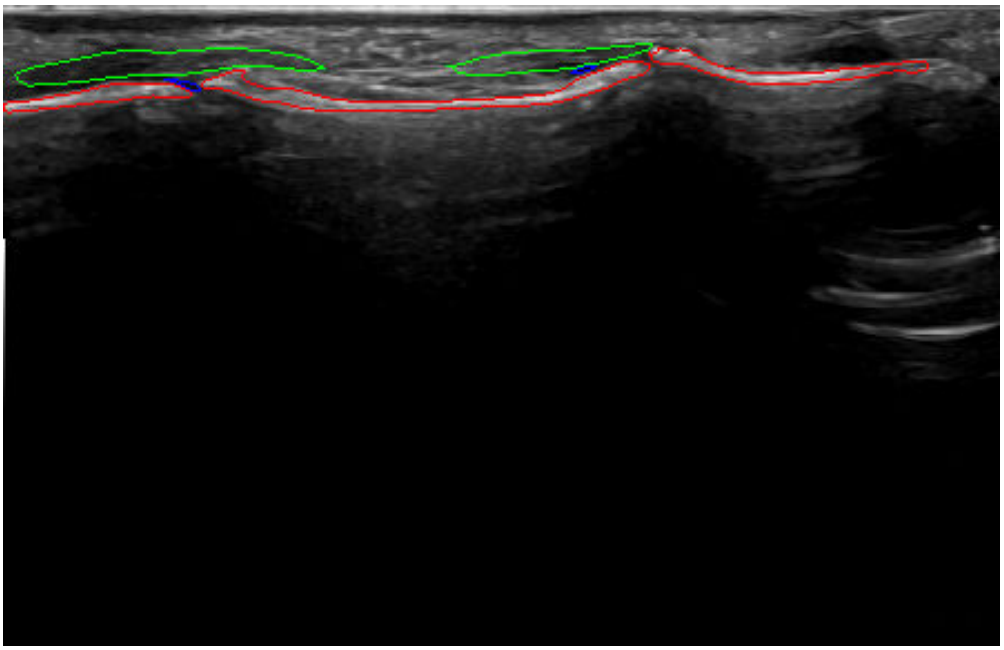
Right DIP-5

Osteophyte score: 0
No osteophytes identified

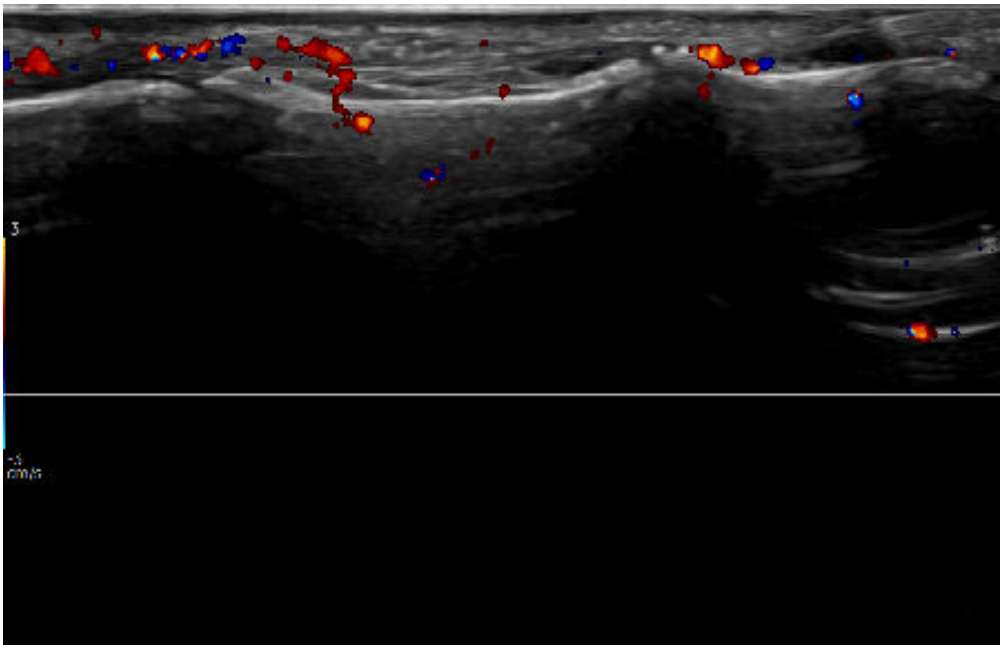


B-Mode

- Bone
- Osteophyte
- Synovium
- Tendon
- Artifact



Doppler



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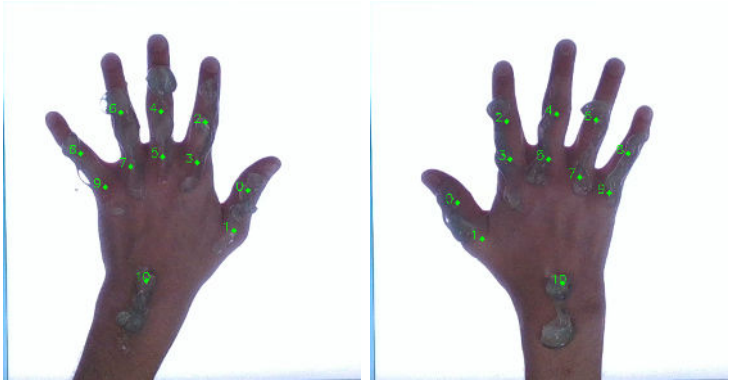
Additional information

The patient's hand(s)

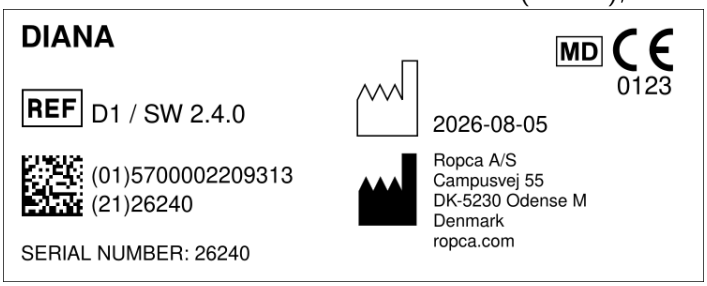


Scoring system

	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 2.4.0

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