

Quality Control Worksheet – Report HAS NOT gone out

Today's date: 10/01/2024

Practice/Physician: Rajender Singh

Patient name: Kurtis Bryant

Scan date: 09/25/2024

Scan/reading information:

Scan Date	09/25/24	10/13/22	12/09/21	04/23/21
Sonographer	Ebony	Dana	Dana	Wayne
Reader	Diane Nielson	Diane Morgan	Diane Morgan	Diane Morgan

Concerns:

Scan Date	09/25/24	10/13/22	12/09/21	04/23/21
Mean	0.69 0.88	0.93	1.05	1.05
Max	0.84 1.7	1.66	1.80	1.80
LCCA	7 1.7	2.4 H	2.7 H	2.7 H

This patient has been scanned at different locations over the past four years. We can see the LCCA plaque present in 2021 and 2022 but cannot be seen in the 2024 images. Could this sonographer error?

Todd's Comments:

Reader missed this lesion which is clearly visualized in the NW of the image labeled LCCA. The lesion can be visualized on the NW of multiple other LCCA images (L2, L5). No L8 Image was provided (sonographer error). Also, the sonographer should have taken a transverse image of the lesion on the NW in the LCCA to provide additional proof of pathology. Having said this, it appear the reader rushed the read and missed significant pathology. Also, the Avg CCA Mean was nowhere near 0.69. The left side images were sub par and did not clearly show the required interfaces for a complete 1.0 cm. The right side images were a more reliable measure of the inflammation in this patient's artery. I used the right side images to provide the Avg CCA Mean and max measurements.

Quality Control Worksheet – Report HAS NOT gone out

Please change the data to reflect the following results:

Avg CCA Mean IMT = 0.88

Avg CCA Max Region = 1.1

Right CCA 1.5 H; Bulb 2.4 E; Internal Carotid 2.4 E

Left CCA 1.6 H; Bulb 2.1 H; Internal Carotid 1.3 H

Doppler was used bilaterally.

Additionally – these images should have been sent back to Diane N for a blinded re-read with a possible comment to look for and measure the obvious pathology in the patient's NW LCCA. An entire re-read is appropriate.

Also, and for consistency – we should have Diane Morgan do a blinded read of this patient. I would like to see both of their results before we send this data out.

Thanks,