

Quality Control Worksheet – Report HAS BEEN sent out

Today's date: 06/10/2025

QC Received by Angela

Practice/Physician: Individual Patient

Patient name: Villanueva, Laurent

Scan date: 05/28/2025

Response is made: _____

Scan/reading information:

Scan Date	05/28/25	06/09/23	2022
Sonographer	Ebony	Dana	UNK – DIF PROVIDER
Reader	Diane Nielson	Diane Morgan	UNK – DIF PROVIDER

Concerns:

Scan Date	05/28/25	06/09/23	2022
LCB	2.1 H	.9	1.56 (grade not reported)

In this most recent scan, a heterogeneous plaque was identified in the left carotid bulb, measuring 2.1 mm. I noticed an inconsistency that I'd appreciate your help clarifying.

I had a scan with your team two years ago. At that time, the left bulb measured 0.9 mm, and no plaque was flagged. However, a scan I did three years ago with a different vendor identified plaque in the same left bulb region, measured at 1.56 mm on their technology, despite lower overall mean IMT values. I find it unlikely that I had plaque in that location three years ago, then none two years ago, and now again this year, especially while the other two measurements on the left side have actually decreased compared to two years ago.

Would it be possible for your team to review the raw image files from 2023, specifically in the left bulb region, to see if anything may have been missed at the time?

My goal is simply to track changes accurately over time, and having confidence in the continuity of the data is important for that.

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Todd's Comments:

The plaque is present and clearly visualized in the 2023 exam on the image labeled LICA and measures approx.. 1.4mm. It was not reported because the sonographer failed to capture in both the longitudinal and the transverse plane (a necessary requirement to ensure reproducibility). The lesion is tricky to image as it can only be seen at the most anterior angle (depth setting of approx. 1.5 mm). The 2023 exam failed to capture it from this angle, but it can be visualized in the image labeled LICA, just not in any of the transverse images. This is a sonographer error.