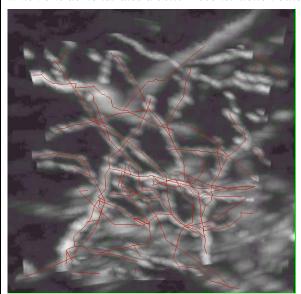
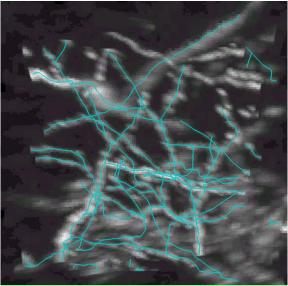
## **Prompt:**

Both of these are results of neuronal reconstruction. Using the centrality of the signal as the criterion for assessment, which one demonstrates a better reconstruction outcome?





## **GPT-4V:**

When evaluating the neuronal reconstructions based on the centrality of the signal:

- 1. **First Image (Red Overlay)**: The red overlay traces appear to be more dispersed throughout the image. They cover various parts of the field without a clear central focus. The lines appear more fragmented and less continuous, suggesting possible breaks or missing connections in the reconstruction.
- 2. **Second Image (Blue Overlay)**: The blue overlay seems more centralized, with a denser clustering of tracings towards the center of the image. The lines appear smoother and more continuous, suggesting more connectivity and fewer interruptions in the tracing. This might indicate a more detailed or comprehensive reconstruction in the central area.

Based on the centrality of the signal as the criterion for assessment, the second image with the blue overlay demonstrates a better reconstruction outcome as it appears more centralized and continuous, especially in the core region of the image.