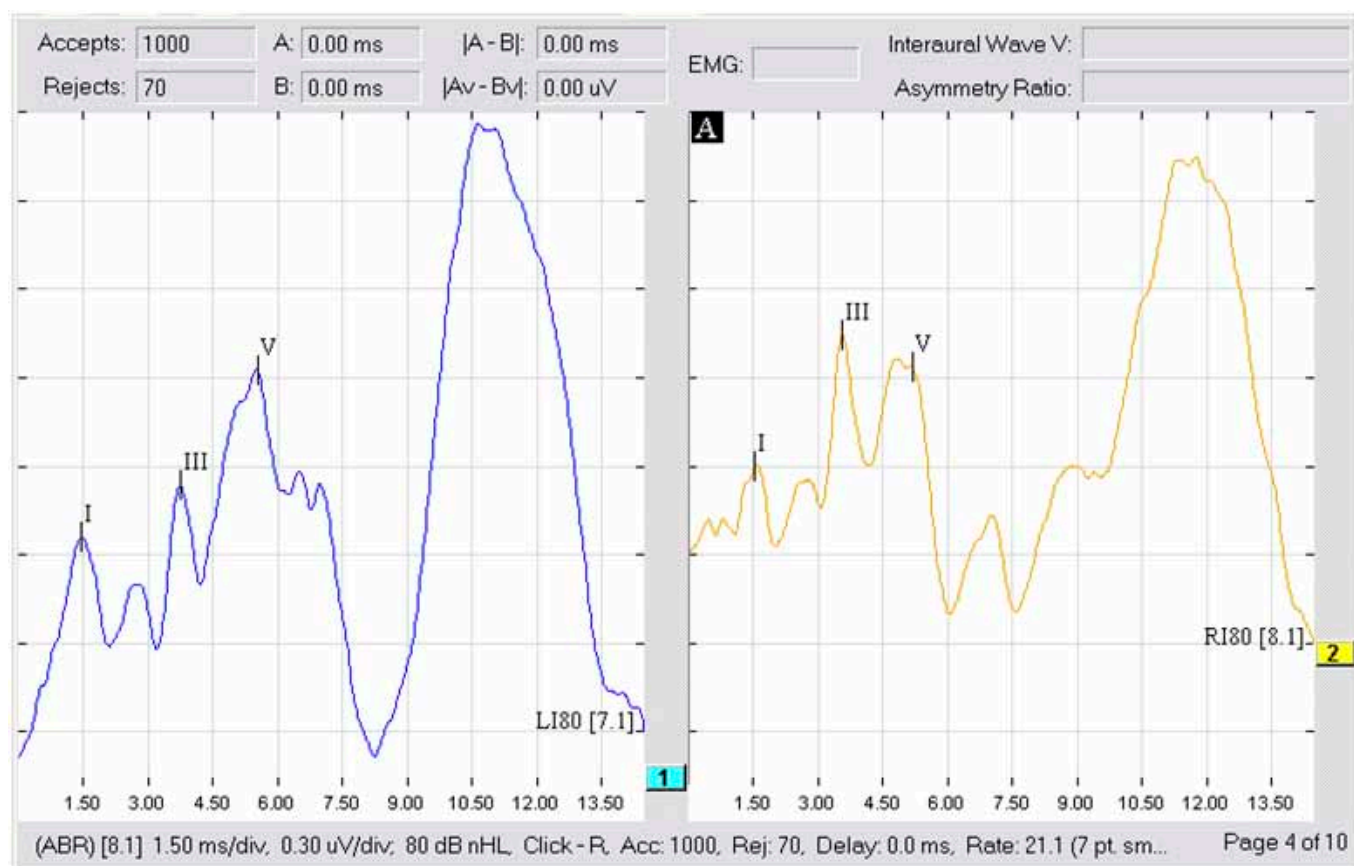


The Problem: There is a large peak at the end of my waveform



Post Auricular Muscle Artifact (PAM) or Post Auricular Muscle Reflex (PAMR) is seen in the above ABR test screen. PAM or PAMR is typically defined as a peak that occurs between 10-14 msec. This sound evoked action potential is inconsistent and unpredictable.

PAM comes from muscle activity like:

- Jaw movement or tension
- Swallowing or coughing
- Neck position or stiffness

To reduce PAM:

- Assure the patient is relaxed and comfortable
- Assure the patient's head and neck are supported
- Check that mastoid electrode placement
- Move the reference electrodes to the earlobes