**99mTc – PYP Imaging for Transthyretin Cardiac Amyloidosis**

**Patient Name:** Trooper, Bella **Sex:** Male

**ID Number:** 123000 **Referring Physician:** Dr. Tucker

**Date of Birth:** 05/07/1945 **Date of Exam:** 02/25/2022

**Height:** 64 inches

**Weight:** 125 lbs.

**Procedure:** 99mTc-PYP Cardiac Amyloidosis Imaging

**Clinical Indication:** Heart failure with unexplained peripheral sensorimotor neuropathy

**Protocol:**

The patient received 15.2 mCi 99mTc-PYP intravenously. Planar and SPECT imaging was performed approximately 3 hours post injection. Planar images included Anterior, left lateral and LAO-45 projections. SPECT imaging was performed approximately 3.5 hours post injection.

**Findings:**

Visual interpretation: Planar and SPECT images were reviewed

The overall quality of the study was good.

Semi quantitative SPECT findings showed a grade 2.

SPECT images did not demonstrate blood pool activity at 3 hours

**Impression:**

1. Overall, the quality of the study was good.
2. Semi quantitative SPECT findings showed grade 2.
3. Overall interpretation of the findings is strongly suggestive of ATTR amyloidosis.
4. This study does not exclude AL Amyloidosis. Serum free light chain and serum and urine immunofixation is recommended in all patients undergoing 99mTc-PYP scans for cardiac amyloidosis.

Electronically signed by C. Tucker, MD 3/29/2022