Clinical History:

Resistant hypertension

now on 4 meds

mild thyroid problems

? any secondary cause

MRI Cardiac Myocardial Viability :

Height 210 cm Weight 110 kg Body Surface Area 2.12 m2

Body Mass Index 29.8

Normal weight = 18.5–24.99

Difficultwaytofindbp::: = 11120/87mmHg BP failed to record unfortunately (radiographer's commment)

L = 1.1mm

R = 1.4mm

Atria

…

In ventricular systole:

Left Atrial Area (4ch) = 12 cm2 = 10 cm2/m2

Left Atrial Area (2ch) = 12 cm2 = 9 cm2/m2

LA length (4ch) = 5.0cm

Basal anterior interventricular septum = 122mm

Basal inferolateral LV wall = 129mm

LV end-diastolic diameter = 145mm

LV end-systolic diameter = 125mm

MAPSE = 125mm

TAPSE = 125 mm

Ventricular functional analysis is as follows (indexed values in brackets per m2); with Normal ranges (Male ≥35 years) - J Cardiovascular Magnetic Resonance. 2005;7(5):775-82.

LV

Ejection Fraction (%) 123;59-83