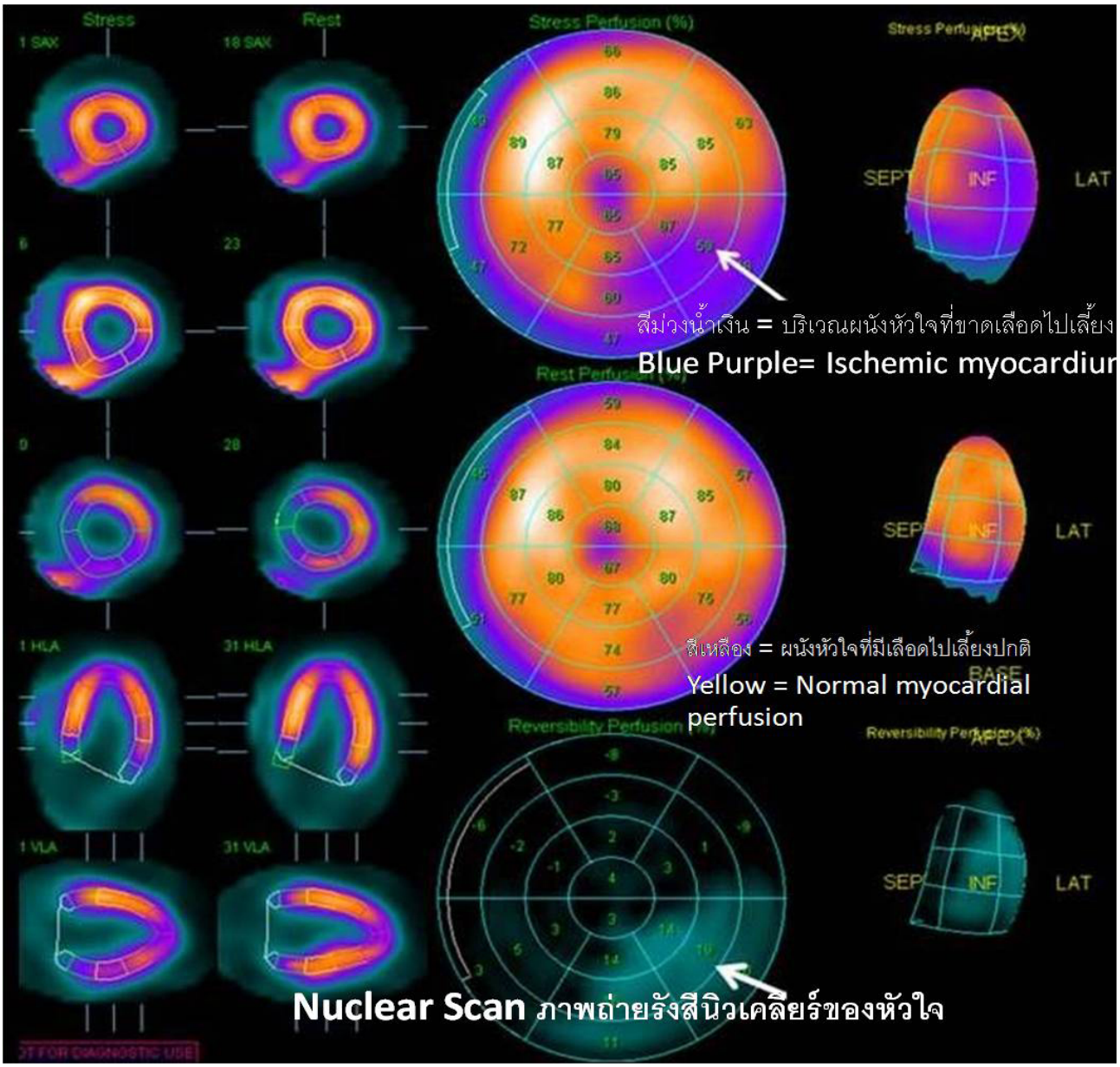

Stress
Rest
1 SAX
18 SAX
6
23
0
28
1 HLA
31 HLA
1 VLA
31 VLA
Stress Perfusion (%)
Rest Perfusion (%)
Reversibility Perfusion
SEPT
INF
LAT
สีม่วงน้ำเงิน = บริเวณผนังหัวใจที่ขาดเลือดไปเลี้ยง
Blue Purple= Ischemic myocardiur
สีเหลือง = ผนังหัวใจที่มีเลือดไปเลี้ยงปกติ
Yellow = Normal myocardial perfusion
Nuclear Scan ภาพถ่ายรังสีนิวเคลียร์ของหัวใจ

What is MIBI Scan?

Myocardial perfusion imaging (MIBI) mainly aims to detect cardiac ischemia and viability. The area of ischemia (insufficient blood supply) manifests as no radioactive tracer (MIBI) in that area which can be viewed in multiple projections of the heart. The patient is required to either exercise stress or drug administration such as adenosine or dobutamine to determine the coronary blood flow integrity . The radioactive tracer is injected at 7 minutes. Images of the heart muscle are obtained 30-120 minutes following the injection.

What would you prepare?

- No eat or drink that contains caffeine (coffee, tea, colas, chocolate, and decaffeinated products) for 24 hours prior to the test.
- No eat ordrink for at least 4 hours before this test.
- No Theophylline medications (48 hours)