UNIVERSITY OF OTTAWA HEART INSTITUTE
INSTITUT DE CARDIOLOGIE DE L'UNIVERSITÉ D'OTTAWA

PROJECT I-A
HF15- STRESS PERFUSION REPORT - PET, SPECT or CMR

IMAGE-HF

Randomization #:

Patient ID #: | **Project** | **Site** | **Number**

Scan Stress Date: Year / Month / Day

Height: in

Weight: lbs

Two day protocol: ○ Yes ○ No

cm

kg

Randomization # for QA

Ischemia Modality → ○ PET ○ SPECT ○ CMR

For SPECT: Attenuation Correction ○ Yes ○ No

Stressor/Modifier

- ○ Exercise — mm : ss — ☐ N/A
- ○ Persantine
- ○ Dobutamine — ○ + Aminophylline
- ○ Adenosine — ○ + Atropine
- ○ Other

Dose ○ mg ○ mcg/kg — ☐ N/A (exercise stress)

Tracer

- ○ Rb-82 (rest/stress)
- ○ Ammonia (rest/stress)
- ○ Tc -99m Sestamibi
- ○ Tc -99m Tetrafosmin
- ○ Thallium (stress/rest)
- ○ Thallium (rest)/Tc (stress)
- ○ Gadolinium (rest/stress)
- ○ 0-15 water
- ○ Other

Rest Dose (Activity) ○ MBq ○ mmol/kg ☐ N/A

Stress Dose (Activity) ○ MBq ○ mmol/kg ☐ N/A

REST

HR bpm BP / mmHg

STRESS

Peak HR bpm BP / mmHg

Symptoms during stress:

Chest pain ○ Yes ○ No Dyspnea ○ Yes ○ No Other ○ Yes ○ No _____

FLOW QUANTIFICATION If available, PET/SPECT/MR (mL/min/g) ☐ N/A

Stress Quantification ☐ N/A	Rest Quantification ☐ N/A	Flow Reserve (Ratio) ☐ N/A	Flow Difference (S-R) ☐ N/A
Global LV:	Global LV:	Global LV:	Global LV:
Regional:	Regional:	Regional:	Regional:
LAD	LAD	LAD	LAD
LCx	LCx	LCx	LCx
RCA	RCA	RCA	RCA
(mL/min/g)	(mL/min/g)		(+ / -) (mL/min/g)

MRI ☐ N/A

C.O.: ☐ N/A LV Mass: ☐ N/A C.I.: ☐ N/A

LVH: ○ Present ○ Absent ○ N/A

30089

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Patient ID #: ☐☐☐☐☐

Randomization #: ☐☐ ☐☐ ☐☐☐☐ (Project Site Number)

IMAGE-HF

ECG Response

- ○ Negative (normal)
- ○ Ischemic
  - ☐ ST Elev: ☐☐ mm
  - ☐ ST Dep: ☐☐ mm
- ○ Uninterpretable
  - ○ LBBB
  - ○ Pacer
- ○ Inconclusive < 85% MPHR
- ○ Other specify _____

Overall Image quality: ○ Excellent ○ Good ○ Fair ○ Poor ○ N/A

Comments:

SEMI QUANTITATIVE PERFUSION ANALYSIS

SSS: ☐☐ ☐ N/A **SRS:** ☐☐ ☐ N/A

STRESS vs REST SDS: ☐☐ **sum (SSS-SRS ≥0)** ☐ N/A

TID ☐☐☐☐ ☐ N/A **Visual TID:** ○ Y ○ N ○ N/A

REGIONAL WALL MOTION (STRESS)

- ○ Abnormal regional wall motion

OR

- ○ All Hypokinetic (Complerte segments with score >2)

OR

- ○ All Normal
- ○ N/A

LV Function

EF: (%) ☐☐ ☐ N/A

EDV: (mL) ☐☐☐ ☐ N/A

ESV: (mL) ☐☐☐ ☐ N/A

REGIONAL WALL MOTION (REST)

Improved from stress ○ Yes ○ No

- ○ Abnormal regional wall motion

OR

- ○ All Hypokinetic (Complerte segments with score >2)

OR

- ○ All Normal
- ○ N/A

LV Function

EF: (%) ☐☐ ☐ N/A

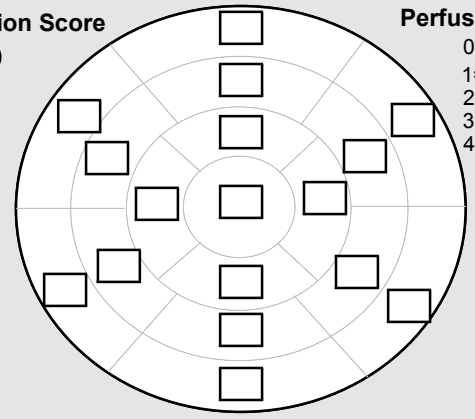
EDV: (mL) ☐☐☐ ☐ N/A

ESV: (mL) ☐☐☐ ☐ N/A

STRESS Pefusion Score

☐ Normal (All)

☐ N/A

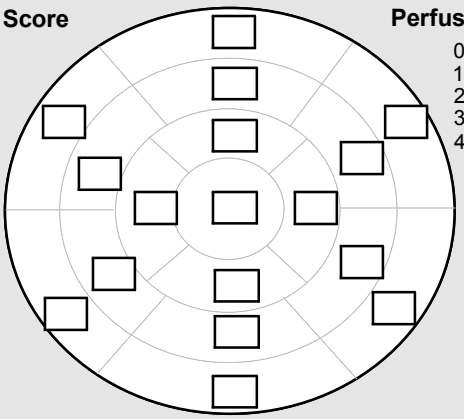


Perfusion Scoring:
0=Normal (default)
1=Mild
2=Moderate
3=Severe
4=No uptake

REST Perfusion Score

☐ Normal (All)

☐ N/A

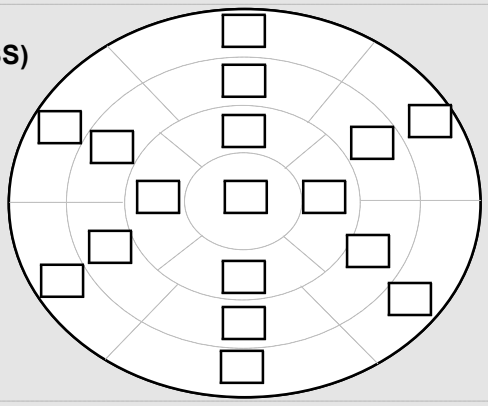


Perfusion Scoring:
0=Normal (default)
1=Mild
2=Moderate
3=Severe
4=No uptake

Regional Wall Motion(STRESS)

☐ N/A

1=Normal (default)
2=Hypokinesis
3=Akinesis
4=Dyskinesis
5=Aneursym



Regional Wall Motion(REST)

☐ N/A

1=Normal (default)
2=Hypokinesis
3=Akinesis
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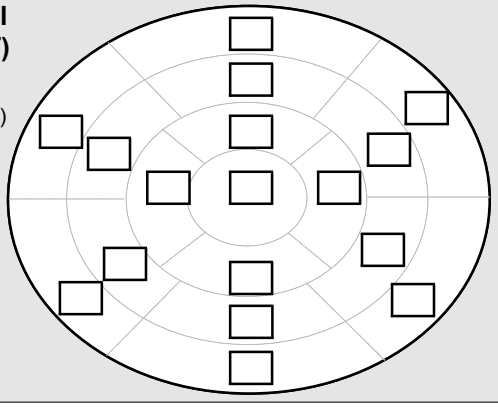

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IMAGE-HF

INTERPRETATION (To be completed by the interpreting physician)

Qualitative Interpretation (check one box per region)

Persistent Defect (Possible Scar)	**Normal/None** (<5%)	**Mild/Small** (5-10%)	**Moderate** (11-20%)	**Severe/Large** (>20%)
Whole Heart	○	○	○	○
LAD	○	○	○	○
RCA	○	○	○	○
LCx	○	○	○	○
Stress Ischema				
Whole Heart	○	○	○	○
LAD	○	○	○	○
RCA	○	○	○	○
LCx	○	○	○	○

RECOMMENDATION

FAX A COPY OF THE FINAL CLINICAL REPORT TO 613-761-5406

- ○ Patient LIKELY to benefit from revascularization or angiography.
- ○ Patient MAY benefit from revascularization or angiography
- ○ Patient UNLIKELY to benefit from revascularization
- ○ Patient UNCERTAIN to benefit from revascularization, recommend viability imaging
- ○ Other : PLEASE PRINT IN BLOCK LETTERS

COMMUNICATION

I have interpreted the clinical report for this perfusion scan	○ Yes	○ No
The **best recommendation** for management is included in the clinical report.	○ Yes	○ No
The referring MD was contacted directly with the recommendations	○ Yes	○ No

COMMENTS (Please print in block letters)

Date of interpretation: Year | Month | Day

Interpretation Physicians Initials: