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

Suggested Stable Chest Pain Assessment Algorithm

CARDIAC IMAGING
IMAGERIE CARDIAQUE

Calculating Pretest Probability for Obstructive CAD (ACC Stable CAD Guidelines)

Chest Pain Criteria:

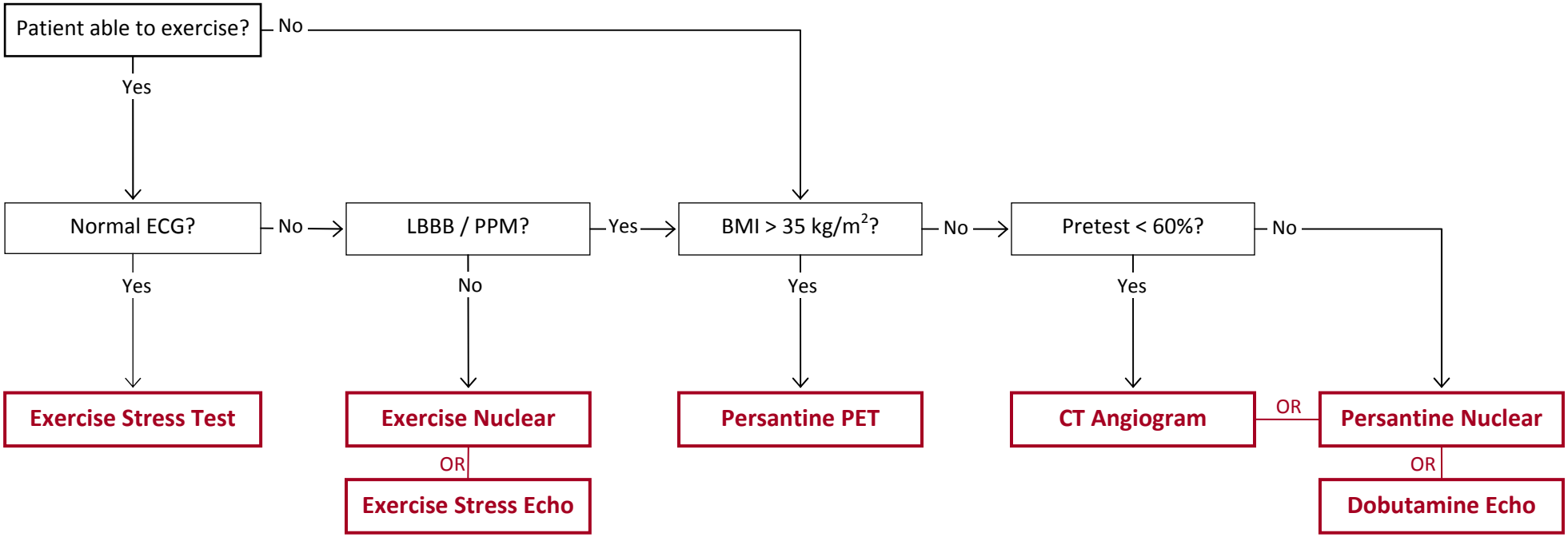
1. Substernal chest discomfort with a characteristic quality and duration
2. Provoked by exertion or emotional stress
3. Relieved by rest or nitroglycerin

	Non Anginal Chest Pain 1 of 3 Criteria		**Atypical Angina** 2 of 3 Criteria		**Typical Angina** 3 of 3 Criteria	
Age	Male	Female	Male	Female	Male	Female
30 – 39	4 %	2 %	34 %	12 %	76 %	26 %
40 – 49	13 %	3 %	51 %	22 %	87 %	55 %
50 – 59	20 %	7 %	65 %	33 %	93 %	73 %
60 – 69	27 %	14 %	72 %	51 %	94 %	86 %

Low Pretest: Risk of CAD < 10 % → Consider no testing

Intermediate Pretest: Risk of CAD 10 – 90 %

High Pretest: Risk of CAD > 90 % → Consider testing to determine prognosis



If Equivocal Results → Consider further testing

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