

VO₂max and Submax Testing Risk Stratification

Name				

Risk Fa	ctor ⁱ	CVD Risk Factors and Defining Criteria – ACSM Guidelines 2014, Table 2.2					No	Source Document (e.g. lab report)	Date ⁱⁱ			
Age		Male ≥ 45 year	55 years of age									
Family	History		•	evascularization, or s e age 65 of first deg	sudden death before age 55 of ree female relative							
Tobacc	o Use	Current smoker or quit within the previous 6 months or exposure to environmental tobacco smoke										
Sedenta	ary Lifestyle	Not participating in at least 30 minutes of moderate-intensity physical activity on at least 3 days of the week for at least 3 months										
Obesity	,	BMI ≥ 30 kg/m	n ² <u>or</u> waist girth > 10	02 cm (40 in) men or	> 88 cm (35 in) females							
Hyperte	ension	SBP \geq 140 mm Hg and/or DBP \geq 90 mm Hg confirmed by measurements on at least 2 separate occasions \underline{or} on antihypertensive medication						1. 2.	1. 2.			
Dyslipio	demia		ol <u>></u> 130 mg/dL <i>or</i> HI on lipid-lowering me		ng/dL <i>or</i> total serum cholesterol ≥							
Pre-dia	betes ⁱⁱⁱ		ng blood glucose ≥ 1 s on at least 2 separ	-	mg/dL confirmed by			1. 2.	1. 2.			
SUBTOTAL												
High Se	rum HDL ^{iv}	DL ^{iv} HDL ≥ 60 mg/dL (If yes, subtract 1 from sub-total)										
	TOTAL											
"Yes" Total	Risk	Exercise Intensity	Study Team ^v Present	Clinician ^{vi} Present	Physician Present (Current ACLS certification required)	Medical Clearance Prior to Testing		ECG Monitoring During Testing (Clinician presence required)	Non-emergency Alert			
<u><</u> 1	Low	Submax Max	Sufficient	Not required	Not required	Not required		Not required	Recommended			
<u>≥</u> 2	Mod	Submax	Sufficient	Not required vii	Not required	Not required		Not required	Required			
2 2	IVIOU	Max	Not sufficient	Required	Recommended ^{viii}	Required		Required				
≥ 2 ^{ix}	High	Submax Max	Not sufficient	Not sufficient	Required	Required		Required	Required			
RESULTS (to be completed by HPL Member)												
Total	Risk	Intensity				Medical Clearance Prior to Testing		ECG Monitoring During Testing	Non-emergency Alert			
□ ≤ 1 □ ≥ 2 □ ≥ 2	□ Low □ Mod □ High	□ Submax □ Max	□ Study Team	□ Clinician	□ Physician	□ Required □ Not Required		·				
HPL Member Signature: Date:												

If the presence or absence of a risk factor is not disclosed or is not available, that risk factor should be counted as a "yes" except for pre-diabetes.

ii Results must be from within 12 months of exercise testing.

iii f pre-diabetes criteria are missing/unknown, pre-diabetes should be counted as a risk factor if ≥ 45 years with BMI ≥25kg/m² and additional risk factors for pre-diabetes. The number of positive risk factors is then summed.

h High HDL is considered a negative risk factor. For individuals having high HDL > 60 mg/dL, one positive risk factor is subtracted from the sum of positive risk factors.

^v This column only applies if ACSM education guidelines are met and documented for at least one person present during exercise testing.

vi "Clinician" is defined as an individual possessing competency in <u>all</u> skills listed on the "Skills Required to Competently Supervise Exercise Tests" form, <u>and</u> either current ACSM certification <u>or</u> current Oregon licensure as an MD, DO, PA, or NP.

vii Clinician supervision may be needed depending on the nature of the risk factors of the study population.

 $^{^{\}text{viii}}$ ACSM 2014 guidelines; recommendation for supervision of exercise testing box 2.3.

ix Plus symptomatic or known cardiovascular, pulmonary, renal, or metabolic disease. Symptomatic or known cardiovascular, pulmonary, renal, or metabolic disease automatically makes participant high risk.