PAR-Q

OMB#: ####-### EXP.DATE: ##/####

NOTIFICATION TO RESPONDENT OF ESTIMATED BURDEN

Public reporting burden for this collection of information is estimated to average 5 minutes for this questionnaire, including the time to review instructions, search existing data sources, gather and maintain the data needed, and complete and review the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a current, valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN:PRA (###-####).

PARmed-X

OMB#: ####-### EXP.DATE: ##/####

NOTIFICATION TO RESPONDENT OF ESTIMATED BURDEN

Public reporting burden for this collection of information is estimated to average 5 minutes for this questionnaire, including the time to review instructions, search existing data sources, gather and maintain the data needed, and complete and review the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a current, valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN:PRA (###-####).

Physical Activity Readiness Questionnaire - PAR-Q (revised 2002)

PAR-Q & YOU

(A Questionnaire for People Aged 15 to 69)

Regular physical activity is fun and healthy, and increasingly more people are starting to become more active every day. Being more active is very safe for most people. However, some people should check with their doctor before they start becoming much more physically active.

If you are planning to become much more physically active than you are now, start by answering the seven questions in the box below. If you are between the ages of 15 and 69, the PAR-Q will tell you if you should check with your doctor before you start. If you are over 69 years of age, and you are not used to being very active, check with your doctor.

Common sense is your best guide when you answer these questions. Please read the questions carefully and answer each one honestly: check YES or NO.

| YES | NO | | |
|-----|----|----|---|
| | | 1. | Has your doctor ever said that you have a heart condition <u>and</u> that you should only do physical activity recommended by a doctor? |
| | | 2. | Do you feel pain in your chest when you do physical activity? |
| | | 3. | In the past month, have you had chest pain when you were not doing physical activity? |
| | | 4. | Do you lose your balance because of dizziness or do you ever lose consciousness? |
| | | 5. | Do you have a bone or joint problem (for example, back, knee or hip) that could be made worse by a change in your physical activity? |
| | | 6. | ls your doctor currently prescribing drugs (for example, water pills) for your blood pressure or heart condition? |
| | | 7. | Do you know of <u>any other reason</u> why you should not do physical activity? |

IT

you

answered

YES to one or more questions

Talk with your doctor by phone or in person BEFORE you start becoming much more physically active or BEFORE you have a fitness appraisal. Tell your doctor about the PAR-Q and which questions you answered YES.

- You may be able to do any activity you want as long as you start slowly and build up gradually. Or, you may need to restrict your activities to those which are safe for you. Talk with your doctor about the kinds of activities you wish to participate in and follow his/her advice.
- · Find out which community programs are safe and helpful for you.

NO to all questions

If you answered NO honestly to <u>all</u> PAR-Q questions, you can be reasonably sure that you can:

- start becoming much more physically active begin slowly and build up gradually. This is the safest and easiest way to go.
- take part in a fitness appraisal this is an excellent way to determine your basic fitness so
 that you can plan the best way for you to live actively. It is also highly recommended that you
 have your blood pressure evaluated. If your reading is over 144/94, talk with your doctor
 before you start becoming much more physically active.



DELAY BECOMING MUCH MORE ACTIVE:

- if you are not feeling well because of a temporary illness such as a cold or a fever wait until you feel better; or
- if you are or may be pregnant talk to your doctor before you start becoming more active.

PLEASE NOTE: If your health changes so that you then answer YES to any of the above questions, tell your fitness or health professional.

Ask whether you should change your physical activity plan.

Informed Use of the PAR-Q: The Canadian Society for Exercise Physiology, Health Canada, and their agents assume no liability for persons who undertake physical activity, and if in doubt after completing this questionnaire, consult your doctor prior to physical activity.

No changes permitted. You are encouraged to photocopy the PAR-Q but only if you use the entire form.

NOTE: If the PAR-Q is being given to a person before he or she participates in a physical activity program or a fitness appraisal, this section may be used for legal or administrative purposes.

"I have read, understood and completed this questionnaire. Any questions I had were answered to my full satisfaction."

| NAME | |
|--|---------|
| SIGNATURE | DATE |
| SIGNATURE OF PARENT or GUARDIAN (for participants under the age of majority) | WITNESS |

Note: This physical activity clearance is valid for a maximum of 12 months from the date it is completed and becomes invalid if your condition changes so that you would answer YES to any of the seven questions.







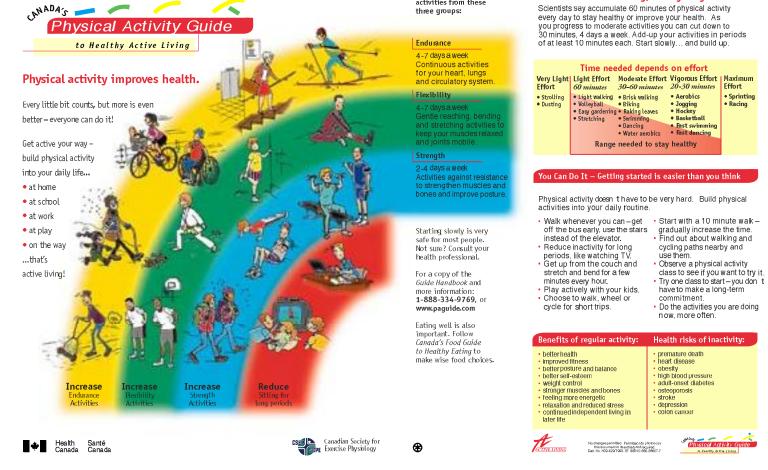


Get Active Your Way, Every Day-For Life!

PAR-Q & YOU

Choose a variety of

activities from these



Source: Canada's Physical Activity Guide to Healthy Active Living, Health Canada, 1998 http://www.hc-sc.qc.ca/hppb/paquide/pdf/quideEnq.pdf © Reproduced with permission from the Minister of Public Works and Government Services Canada, 2002.

FITNESS AND HEALTH PROFESSIONALS MAY BE INTERESTED IN THE INFORMATION BELOW:

The following companion forms are available for doctors' use by contacting the Canadian Society for Exercise Physiology (address below):

The **Physical Activity Readiness Medical Examination (PARmed-X)** — to be used by doctors with people who answer YES to one or more questions on the PAR-Q.

The Physical Activity Readiness Medical Examination for Pregnancy (PARmed-X for Pregnancy) — to be used by doctors with pregnant patients who wish to become more active.

References:

Arraix, G.A., Wigle, D.T., Mao, Y. (1992). Risk Assessment of Physical Activity and Physical Fitness in the Canada Health Survey Follow-Up Study. J. Clin. Epidemiol. 45:4 419-428.

Mottola, M., Wolfe, L.A. (1994). Active Living and Pregnancy, In: A. Quinney, L. Gauvin, T. Wall (eds.), Toward Active Living: Proceedings of the International Conference on Physical Activity, Fitness and Health. Champaign, IL: Human Kinetics.

PAR-Q Validation Report, British Columbia Ministry of Health, 1978.

Thomas, S., Reading, J., Shephard, R.J. (1992). Revision of the Physical Activity Readiness Questionnaire (PAR-Q). Can. J. Spt. Sci. 17:4 338-345.

For more information, please contact the:

Canadian Society for Exercise Physiology 202-185 Somerset Street West Ottawa, ON K2P 0J2 Tel. 1-877-651-3755 • FAX (613) 234-3565

Online: www.csep.ca

The original PAR-Q was developed by the British Columbia Ministry of Health. It has been revised by an Expert Advisory Committee of the Canadian Society for Exercise Physiology chaired by Dr. N. Gledhill (2002).

Disponible en français sous le titre «Questionnaire sur l'aptitude à l'activité physique Q-AAP (revisé 2002)».









PARMEd-X PHYSICAL ACTIVITY READINESS MEDICAL EXAMINATION

The PARmed-X is a physical activity-specific checklist to be used by a physician with patients who have had positive responses to the Physical Activity Readiness Questionnaire (PAR-Q). In addition, the Conveyance/Referral Form in the PARmed-X can be used to convey clearance for physical activity participation, or to make a referral to a medically-supervised exercise program.

Regular physical activity is fun and healthy, and increasingly more people are starting to become more active every day. Being more active is very safe for most people. The PAR-Q by itself provides adequate screening for the majority of people. However, some individuals may require a medical evaluation and specific advice (exercise prescription) due to one or more positive responses to the PAR-Q.

Following the participant's evaluation by a physician, a physical activity plan should be devised in consultation with a physical activity professional (CSEP-Certified Personal Trainer™ or CSEP-Certified Exercise Physiologist™). To assist in this, the following instructions are provided:

PAGE 1: • Sections A, B, C, and D should be completed by the participant BEFORE the examination by the physician. The bottom section is to be completed by the examining physician.

PAGES 2 & 3: · A checklist of medical conditions requiring special consideration and management.

PAGE 4: Physical Activity & Lifestyle Advice for people who do not require specific instructions or prescribed exercise.

> • Physical Activity Readiness Conveyance/Referral Form - an optional tear-off tab for the physician to convey clearance for physical activity participation, or to make a referral to a medically-supervised exercise program.

> > PAR-Q:

This section to be completed by the participant

| A | | | Whic | which you answered YES | | | | |
|--|--|-------------------------------------|--|---|---|--|---|--|
| NAME | | | | _ | 0.1 | Heart condition | | |
| ADDDEOG | | | | | | Chest pain during a | ctivity | |
| ADDRESS | | | | - | | Chest pain at rest | | |
| | | | | _ | | Loss of balance, dia | zziness | |
| | | | | | | Bone or joint proble | | |
| TELEPHONE | | | | - | | Blood pressure or h | | |
| BIRTHDATE | | | GENDER | | | Other reason: | ican arago | |
| | | | GENDEN | _ | -, - | | | |
| MEDICAL No | | | | _ | | | | |
| RISK FACTORS FOR CARDIOVASCULAR DISEASE Check all that apply Less than 30 minutes of moderate physical Excessive accur | | | | | t aroun | INTENT | AL ACTIVITY ONS: tivity do you intend to do? | |
| activity most days of the week. waist. Currently smoker (tobacco smoking 1 or Family history of more times per week). | | | | ry of heart diseas | e. | | | |
| more times per | | | | | | | | |
| ☐ High blood pres by physician aft | | | are modifiable. | Many of these risk Please refer to pa th your physician. | | | | |
| ☐ High blood pres by physician aft | ssure reported ter repeated me ol level reported | by physicia | are modifiable. | Please refer to pa th your physician. | ge 4 | g physician | | |
| ☐ High blood pres by physician aft ☐ High cholestero | ssure reported ter repeated me of level reported | by physicia | n. are modifiable. | Please refer to path your physician. Sted by the example | nge 4 Iminin | | /eyance/Referral: | |
| ☐ High blood press by physician aft☐ High cholestero☐ Physical Exam: | ssure reported ter repeated me of level reported | by physicial | are modifiable. and discuss wi | Please refer to path your physician. Sted by the example Physical A | nge 4 Iminin | g physician y Readiness Convent review of health | reyance/Referral: Further Information: | |
| ☐ High blood pres by physician aft☐ High cholestero | ssure reported ter repeated me of level reported | by physicial This section BP i) | are modifiable. and discuss wi on to be comple | Please refer to path your physician. Sted by the example Physical A | minin ctivity | Readiness Convent review of health | Further Information: Attached | |
| ☐ High blood pres by physician aft ☐ High cholestero ☐ Physical Exam: | ssure reported ter repeated me of level reported | by physicial | are modifiable. and discuss wi | Please refer to path your physician. Sted by the example Physical A Based upon status, I reco | minin ctivity a curre | r Readiness Convert review of health | Further Information: | |
| ☐ High blood pres by physician aft ☐ High cholestero ☐ Physical Exam: | ssure reported ter repeated me of level reported | This section BP i) BP ii) | are modifiable. and discuss wi on to be comple | Please refer to path your physician. Physical A Based upon status, I reco | minin activity a curre ommen cal acti | r Readiness Convent review of health d: vity r-supervised exercise | Further Information: Attached To be forwarded | |
| High blood pres by physician aft High cholestero Physical Exam: Ht Conditions limit | ssure reported ter repeated me of level reported Wt ting physical | BP i) BP ii) activity: | are modifiable. and discuss wi on to be comple / / | Please refer to path your physician. Physical A Based upon status, I reco | minin a curre ommen cal acti edically | r Readiness Convent review of health d: vity r-supervised exercise | Further Information: Attached To be forwarded Available on request | |
| High blood pres by physician aft High cholestero Physical Exam: Ht | ssure reported ter repeated me of level reported Wt ting physical | BP i) BP ii) activity: | are modifiable. and discuss wi on to be comple | Please refer to path your physician. Physical A Based upon status, I reco | activity a curre commen cal acti edically clearan ive phy | r Readiness Convert review of health d: vity r-supervised exercise ce | Further Information: Attached To be forwarded Available on request | |
| High blood pres by physician aft High cholestero Physical Exam: Ht Conditions limit Cardiovascular Musculoskeleta | ssure reported ter repeated me of level reported Wt ting physical Respinal Abdor | BP i) BP ii) activity: | are modifiable. and discuss wi on to be comple / / | Please refer to path your physician. Physical A Based upon status, I reco I No physi Only a m medical of Progress I with a | nge 4 Iminin ctivity a curre ommen cal acti edically clearan ive phy | r Readiness Convert review of health d: vity r-supervised exercise ce rsical activity: | Further Information: Attached To be forwarded Available on request program until further | |
| High blood pres by physician aft High cholestero Physical Exam: Ht Conditions limit Cardiovascular Musculoskeleta Tests required: | ssure reported ter repeated me of level reported Wt ting physical Respinal Abdor | BP i) BP ii) activity: ratory minal | are modifiable. and discuss wi on to be comple / / / Other | Please refer to path your physician. Physical A Based upon status, I reco No physi Only a m medical of Progress with a with ir | activity a curre commen cal acti edically clearan ive phy voidance | r Readiness Convert review of health d: vity r-supervised exercise ce esical activity: ce of: pervision of a CSEP- | Further Information: Attached To be forwarded Available on request program until further | |
| High blood pressby physician aft High cholestero Physical Exam: Ht Conditions limit Cardiovascular Musculoskeleta | ssure reported ter repeated me of level reported Wt ting physical Respinal Abdor | BP i) BP ii) activity: ratory minal | are modifiable. and discuss wi on to be comple / / | Please refer to path your physician. Physical A Based upon status, I reco No physi Only a m medical of the progress with a with ir | minin activity a curre ommen cal acti edically clearan ive phy voidane nclusior the sup | r Readiness Convert review of health d: vity r-supervised exercise ce esical activity: ce of: n of: | Further Information: Attached To be forwarded Available on request e program until further | |



Supported by:

Please indicate the PAR-Q questions to

PERSONAL INFORMATION:

PARmed-X PHYSICAL ACTIVITY READINESS MEDICAL EXAMINATION

Following is a checklist of medical conditions for which a degree of precaution and/or special advice should be considered for those who answered "YES" to one or more questions on the PAR-Q, and people over the age of 69. Conditions are grouped by system. Three categories of precautions are provided. Comments under Advice are general, since details and alternatives require clinical judgement in each individual instance.

| | Absolute Contraindications Permanent restriction or temporary restriction until condition is treated, stable, and/or past acute phase. | Relative Contraindications Highly variable. Value of exercise testing and/or program may exceed risk. Activity may be restricted. Desirable to maximize control of condition. Direct or indirect medical supervision of exercise program may be desirable. | Special Prescriptive Conditions Individualized prescriptive advice generally appropriate: Imitations imposed; and/or special exercises prescribed. May require medical monitoring and/or initial supervision in exercise program. | ADVICE |
|----------------|--|---|--|--|
| Cardiovascular | □ aortic aneurysm (dissecting) □ aortic stenosis (severe) □ congestive heart failure □ crescendo angina □ myocardial infarction (acute) □ myocarditis (active or recent) □ pulmonary or systemic embolism—acute □ thrombophlebitis □ ventricular tachycardia and other dangerous dysrhythmias (e.g., multi-focal ventricular activity) | □ aortic stenosis (moderate) □ subaortic stenosis (severe) □ marked cardiac enlargement □ supraventricular dysrhythmias (uncontrolled or high rate) □ ventricular ectopic activity (repetitive or frequent) □ ventricular aneurysm □ hypertension—untreated or uncontrolled severe (systemic or pulmonary) □ hypertrophic cardiomyopathy □ compensated congestive heart failure | □ aortic (or pulmonary) stenosis—mild angina pectoris and other manifestations of coronary insufficiency (e.g., post-acute infarct) □ cyanotic heart disease □ shunts (intermittent or fixed) □ conduction disturbances • complete AV block • left BBB • Wolff-Parkinson-White syndrome □ dysrhythmias—controlled □ fixed rate pacemakers □ intermittent claudication □ hypertension: systolic 160-180; diastolic 105+ | clinical exercise test may be warranted in selected cases, for specific determination of functional capacity and limitations and precautions (if any). slow progression of exercise to levels based on test performance and individual tolerance. consider individual need for initial conditioning program under medical supervision (indirect or direct). progressive exercise to tolerance progressive exercise; care with medications (serum electrolytes; post-exercise syncope; etc.) |
| Infections | ☐ acute infectious disease (regardless of etiology) | ☐ subacute/chronic/recurrent infectious diseases (e.g., malaria, others) | ☐ chronic infections | variable as to condition |
| Metabolic | | uncontrolled metabolic disorders (diabetes mellitus, thyrotoxicosis, myxedema) | □ renal, hepatic & other metabolic insufficiency □ obesity □ single kidney | variable as to status dietary moderation, and initial light exercises with slow progression (walking, swimming, cycling) |
| Pregnancy | | complicated pregnancy (e.g., toxemia, hemorrhage, incompetent cervix, etc.) | advanced pregnancy (late 3rd trimester) | refer to the "PARmed-X for PREGNANCY" |

References:

Arraix, G.A., Wigle, D.T., Mao, Y. (1992). Risk Assessment of Physical Activity and Physical Fitness in the Canada Health Survey Follow-Up Study. J. Clin. Epidemiol. 45:4 419-428.

Mottola, M., Wolfe, L.A. (1994). Active Living and Pregnancy, In: A. Quinney, L. Gauvin, T. Wall (eds.), Toward Active Living: Proceedings of the International Conference on Physical Activity, Fitness and Health. Champaign, IL: Human Kinetics.

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The PAR-Q and PARmed-X were developed by the British Columbia Ministry of Health. They have been revised by an Expert Advisory Committee of the Canadian Society for Exercise Physiology chaired by Dr. N. Gledhill (2002).

No changes permitted. You are encouraged to photocopy the PARmed-X, but only if you use the entire form.

Disponible en français sous le titre «Évaluation médicale de l'aptitude à l'activité physique (X-AAP)»

| | Special Prescriptive Conditions | ADVICE | | |
|-----------------|--|---|--|--|
| Lung | ☐ chronic pulmonary disorders | special relaxation and breathing exercises | | |
| | ☐ obstructive lung disease ☐ asthma | breath control during endurance exercises to tolerance; avoid polluted air | | |
| | ☐ exercise-induced bronchospasm | avoid hyperventilation during exercise; avoid extremely cold conditions; warm up adequately; utilize appropriate medication. | | |
| Musculoskeletal | ☐ low back conditions (pathological, functional) | avoid or minimize exercise that precipitates or exasperates e.g., forced extreme flexion, extension, and violent twisting; correct posture, proper back exercises | | |
| | ☐ arthritis—acute (infective, rheumatoid; gout) | treatment, plus judicious blend of rest, splinting and gentle movement | | |
| | ☐ arthritis—subacute | progressive increase of active exercise therapy | | |
| | ☐ arthritis—chronic (osteoarthritis and above conditions) | maintenance of mobility and strength; non-weightbearing exercises to minimize joint trauma (e.g., cycling, aquatic activity, etc.) | | |
| | ☐ orthopaedic | highly variable and individualized | | |
| | ☐ hernia | minimize straining and isometrics; stregthen abdominal muscles | | |
| | ☐ osteoporosis or low bone density | avoid exercise with high risk for fracture such as push-ups, curl-ups, vertical jump and trunk forward flexion; engage in low-impact weight-bearing activities and resistance training | | |
| CNS | ☐ convulsive disorder not completely controlled by medication | minimize or avoid exercise in hazardous environments and/or exercising alone (e.g., swimming, mountain climbing, etc.) | | |
| | ☐ recent concussion | thorough examination if history of two concussions; review for discontinuation of contact sport if three concussions, depending on duration of unconsciousness, retrograde amnesia, persistent headaches, and other objective evidence of cerebral damage | | |
| Blood | ☐ anemia—severe (< 10 Gm/dl) | control preferred; exercise as tolerated | | |
| | ☐ electrolyte disturbances | | | |
| Medications | □ antianginal □ antiarrhythmic □ antihypertensive □ anticonvulsant □ beta-blockers □ digitalis preparations □ diuretics □ ganglionic blockers □ others | NOTE: consider underlying condition. Potential for: exertional syncope, electrolyte imbalance, bradycardia, dysrhythmias, impaired coordination and reaction time, heat intolerance. May alter resting and exercise ECG's and exercise test performance. | | |
| Other | ☐ post-exercise syncope | moderate program | | |
| | ☐ heat intolerance | prolong cool-down with light activities; avoid exercise in extreme heat | | |
| | ☐ temporary minor illness | postpone until recovered | | |
| | □ cancer | if potential metastases, test by cycle ergometry, consider non-weight bearing exercises; exercise at lower end of prescriptive range (40-65% of heart rate reserve), depending on condition and recent treatment (radiation, chemotherapy); monitor hemoglobin and lymphocyte counts; add dynamic lifting exercise to strengthen muscles, using machines rather than weights. | | |

^{*}Refer to special publications for elaboration as required

The following companion forms are available online: http://www.csep.ca

The Physical Activity Readiness Questionnaire (PAR-Q) - a questionnaire for people aged 15-69 to complete before becoming much more physically active.

The Physical Activity Readiness Medical Examination for Pregnancy (PARmed-X for PREGNANCY) - to be used by physicians with pregnant patients who wish to become more physically active.

For more information, please contact the:

Canadian Society for Exercise Physiology 202 - 185 Somerset St. West Ottawa, ON K2P 0J2 Tel. 1-877-651-3755 • FAX (613) 234-3565 • Online: www.csep.ca

Note to physical activity professionals...

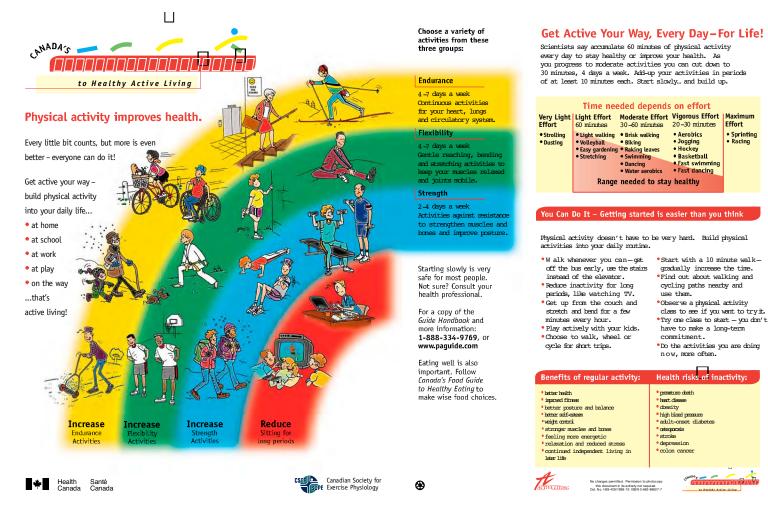
It is a prudent practice to retain the completed Physical Activity Readiness Conveyance/Referral Form in the participant's file.







PARmed-X PHYSICAL ACTIVITY READINESS MEDICAL EXAMINATION



Source: Canada's Physical Activity Guide to Healthy Active Living, Health Canada, 1998 http://www.hc-sc.gc.ca/hppb/paguide/pdf/guideEng.pdf_ © Reproduced with permission from the Minister of Public Works and Government Services Canada, 2002.

PARmed-X Physical Activity Readiness Conveyance/Referral Form

| Bas | sed upon a current review of the health status of | , I recommend: |
|-----|--|--|
| | No physical activity | E value de ferro esta e |
| u | Only a medically-supervised exercise program until further medical clearance | Further Information: Attached |
| u | Progressive physical activity | To be forwardedAvailable on request |
| | □ with avoidance of: | Physician/clinic stamp: |
| | ☐ with inclusion of: | |
| | $oldsymbol{\sqcup}$ under the supervision of a CSEP-Certified Exercise Physiologist $oldsymbol{^{TM}}$ | |
| | Unrestricted physical activity — start slowly and build up gradually | |
| | | |
| | M.D. | NOTE: This physical activity clearance is valid |

20

(date)

NOTE: This physical activity clearance is valid for a maximum of six months from the date it is completed and becomes invalid if your medical condition becomes worse.