# CARDIOVASCULAR RISK ASSESSMENT QUESTIONNAIRE 

## Name

Date

## Cardiovascular Disease: The Number One Killer

Cardiovascular disease is the biggest cause of death in Australia, with one Australian dying from it every ten minutes. That's over 50,000 people per year dying from heart attacks, strokes and blood clots.

## What is Cardiovascular Disease?

Cardiovascular disease is the accumulation of fat in the arteries. This fat can cause blood clots to form and if large enough can completely block a blood vessel. When a clot blocks a blood vessel that is feeding the heart, part of the heart will die. This is called a heart attack. If a clot blocks a blood vessel connected to the brain, part of the brain will die, and this is called a stroke.

## What Causes Cardiovascular Disease?

Most people know that high cholesterol and blood pressure contribute to your risk of heart attack. Knowing your cholesterol level and blood pressure is an important step in reducing your risk.

However, $50 \%$ of people who have heart attacks don't have high cholesterol or high blood pressure.
You may also have risk factors which haven't been measured by your doctor. You may be under stress, not doing enough exercise, have poor immune function or be eating too much sugar. These are just a few of the many factors that may cause Cardiovascular disease.

## How Do I Reduce My Risk of Cardiovascular Disease?

To reduce your risk of Cardiovascular Disease you need to know what may be putting you in danger and what you can do about it.
This questionnaire will help identify your risk of Cardiovascular disease and allow you and your Healthcare Practitioner to decide on the most appropriate lifestyle changes or supplements for you to achieve a healthy heart and blood vessels.

## How Do I Complete This Questionnaire?

- There are two parts to this questionnaire. Part 1 is for you, the patient, to fill in. Part 2 is for your Practitioner to complete.
- This questionnaire may be completed with or without blood test results, however, having the test results is preferable as it will give a more accurate assessment of your risk. If possible please obtain the following tests from your doctor:

HDL Cholesterol
LDL Cholesterol Triglycerides Apo B / Apo A1 ratio Lipoprotein (a)

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C reactive protein (hs-CRP)

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C reactive protein (hs-CRP)
Homocysteine
Homocysteine
Fibrinogen
Fibrinogen
Fasting glucose / Glucose tolerance test / HbAlc
Fasting glucose / Glucose tolerance test / HbAlc
Blood Pressure

```
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    Blood Pressure
    ```
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## Part 1 - For the Patient:

- You must answer every question.
- Each answer to a question has a numbered score in the right-hand column.
- Read the instructions of every question carefully. For some questions you need to circle only one score, while for others you will need to circle all the scores that apply to you.
- If you don't know the answer to a question, circle "Don't know".
- At the end of each numbered section, add the scores for that section in the 'Total' area provided (shaded).
- Your Practitioner will complete your assessment by filling out Part 2 for you.


## Part 2 - For the Practitioner:

- Fill out Part 2 (as above) using your patient's pathology results, or the alternatives offered at each question.
- Write the total scores from each category of Part 1 and Part 2 on the Score Sheet (page 11).
- Based on the total for each category, tick the appropriate 'priority' box.
- Add the total column for each category to achieve a total Cardiovascular Score.
- Classify your patients total Cardiovascular Risk based on this score.


## Age

Section (a) (circle one score)

| Under 30 | 0 |
| :--- | :---: |
| $30-34$ | 1 |
| $35-39$ | 6 |
| $40-44$ | 15 |
| $45-49$ | 40 |
| $50-54$ | 70 |
| $55-59$ | 100 |
| $60-64$ | 110 |
| $65-69$ | 120 |
| $70-74$ | 130 |
| 75 and over | 140 |
|  | Add Age Total: |

## Cardiovascular History

Section (a) (circle score if applicable)

| Diagnosed Cardiovascular Disease, <br> Atherosclerosis, Previous heart attack, <br> Previous stroke | 100 |
| :--- | :--- |
| Experienced angina (heart pain) <br> within the last 3 months | 150 |
| Add Cardiovasular History Total: |  |

## Family History

Section (a) (circle score if applicable)

| Mother with Cardiovascular Disease at less than <br> 65 years (high blood pressure, heart attack, <br> angina, stroke, hardening of the arteries) | 15 |
| :--- | :---: |
| Father with Cardiovascular Disease at less than <br> 55 years (high blood pressure, heart attack, <br> angina, stroke, hardening of the arteries) | 15 |
| Parent with Type II Diabetes (adult-onset diabetes) | 15 |
| Add Family History Total: |  |

## Lifestyle

## Section (a) Exercise (circle one score)

Moderate exercise is brisk walking, jogging, cycling, swimming, playing sports or any exercise that increases breathing and heart rate continuously for at least 20 minutes.

| Sedentary - moderate exercise less than <br> once a week | 20 |
| :--- | :---: |
| Moderate exercise (average once per week) | 0 |
| Moderate exercise (average 2-3 times per week) | -10 |
| Moderate exercise (average 4-5 times per week) | -20 |
| Moderate exercise <br> (average more than 5 times per week) | -25 |

## Section (b) Smoking (circle one score)

| Never smoked | 0 |
| :--- | :---: |
| Ex-smoker | 10 |
| Current smoker less than 20 cigarettes/day | 50 |
| Current smoker more than 20 cigarettes/day | 80 |

Section (c) Passive smoking (exposed to smoke most days at home or work) (circle one score)

| Yes | 25 |
| :--- | :---: |
| No | 0 |

## Section (d) Alcohol (circle score if applicable)

| Average 0 drinks daily | 0 |
| :--- | ---: |
| Average 1 drink daily | -10 |
| Average 2 drinks daily | -5 |
| Average 3 or more drinks daily | 5 |

## Section (e) Alcohol (circle score if applicable)

| Do you consume more than 5 drinks in one sitting <br> on a fortnightly or more frequent basis? | 7 |
| :--- | :--- |

## Section (f) Environment (circle score if applicable)

| Do you live on a main road? | 4 |
| :--- | :--- |
| Do you live in a city? | 3 |
| Do you live in an industrial area with gas <br> emissions? | 2 |
| Do you work with any chemicals, cleaners, <br> pesticides, petrochemicals, paints, exhausts? | 4 |
| Add Lifestyle Total (section a to f): |  |

## Stress

Section (a) Have you experienced any of the following events in the past 6 months? (circle score if applicable)

| Death of spouse | 30 |
| :--- | :---: |
| Death of family member | 20 |
| Divorce/separation | 20 |
| Marital reconciliation | 20 |
| Jail term | 20 |
| Major illness/injury/surgery | 20 |
| Marriage | 10 |
| Dismissal from work | 10 |
| Retirement | 10 |
| Death of a friend | 8 |
| Illness in the family | 8 |
| Sexual difficulties | 5 |
| Pregnancy | 5 |
| Moving to a new town/city/country | 5 |
| Family/relationship disputes | 5 |
| Change in financial state | 3 |
| Change of occupation | 2 |
| Change in work responsibilities | 2 |
| Mortgage | 2 |
| Major family events - weddings, births in the <br> immediate family | 3 |
| Son or daughter leaving home | 3 |
| Personal difficulties at work | 2 |
| Outstanding personal achievement | 2 |
| Change in residence | 2 |
| Change in schools | 2 |
| Change in social habits | 2 |
| Change in routine | 2 |
| Holidays | 2 |
| Christmas | 2 |
|  |  |
| Minor violations of the law | 2 |

Section (b) Do you participate in any of the following activities for more than an hour a week? (circle score if applicable)

| Meditation/prayer | -5 |
| :--- | :---: |
| Yoga/stretching/relaxation exercises | -5 |
| Community events/social activities/sports | -5 |
| Play with pets | -4 |

Section (c) (circle score if applicable)
$\left.\begin{array}{|l|c|}\hline \begin{array}{l}\text { Do you feel anxiety, worry, fear, sudden feelings of } \\ \text { panic, inability to control breathing and accelerated } \\ \text { heart rate when upset, or recurrent feelings of } \\ \text { unease? }\end{array} & \begin{array}{c}\text { Weekly or } \\ \text { more: } \\ 40 \\ \text { Monthly } \\ \text { or more: } \\ 20\end{array} \\ \hline \begin{array}{l}\text { Do you have feelings of sadness, depression, } \\ \text { hopelessness, apathy, gloom, helplessness, } \\ \text { isolation, loneliness, or lack of interest in social } \\ \text { interaction? }\end{array} & \begin{array}{c}\text { Weekly or } \\ \text { more: } \\ 30 \\ \text { Monthly }\end{array} \\ \text { or more: } \\ 15\end{array}\right]$

## Sleep

Section (a) How many hours of sleep do you have on average? (circle one score)

| $0-4$ | 6 |
| :--- | :--- |
| $5-6$ | 3 |
| $7-8$ | 0 |
| More than 8 hours | 4 |

Section (b) Do you experience? (circle score if applicable)

| Snoring | 3 |
| :--- | :---: |
| Obstructive sleep apnoea | 10 |
| Insomnia, difficulty falling asleep or interrupted <br> sleep | 3 |
| Add Sleep Total <br> (section a to b): |  |

## Bowel Toxicity

Section (a) Do you experience lower abdominal pain, gas, bloating, diarrhoea, constipation, straining when passing bowel motions, excessively smelly stools or a feeling that your bowels do not completely empty? (circle one score)

| Yes | 8 |
| :--- | :--- |
| No | 0 |

Section (b) Have you taken the oral contraceptive pill for more than 6 months in the last year? (circle one score)

| Yes | 5 |
| :--- | :--- |
| No | 0 |

Section (c) For what length of time have you been on antibiotics in the last year? (circle one score)

| Less than 2 weeks | 0 |
| :--- | :---: |
| 2 weeks - 2 months | 2 |
| 2-6 months | 5 |
| Longer than 6 months | 10 |
| Add Bowel Toxicity Total (section a to c): |  |

## Blood Sugar

Section (a) (circle score if applicable)

> Do you feel your energy levels drop within an hour of eating?
> Do you experience cravings for sweets or chocolate?
> Do you have headaches or an inability to
> concentrate which is relieved by eating?10

Section (b) Are you diabetic? (circle one score)

| Yes | 100 |
| :--- | :---: |
| No | 0 |
| Add Blood Sugar Total (section a to b): |  |

## Inflammation and Pain

Section (a) Do you experience any of the following symptoms more than once a month? (circle score if applicable)

| Wheezing, sneezing, a runny nose, sore throat, <br> itchy or watery eyes, coughing and/or blocked nose | 5 |
| :--- | :---: |
| Heart palpitations or headaches after certain foods | 5 |

Section (b) Do you experience recurrent pain?
(circle one score)

| Daily | 30 |
| :--- | :---: |
| Weekly | 15 |
| Monthly or less | 5 |
| Never | 0 |
| Add Inflammation and Pain Total |  |
| (section a to b): |  |

## Diet

| (a) | How often do you usually eat fried foods? | Less than once a week <br> 0 | 1-2 times a week <br> 1 | 3-6 times a week $5$ | Every day $10$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (b) | How many serves of bread, pasta, rice, potatoes or other starchy foods do you have a day? | $0-1 \text { serves daily }$ $0$ | 2 serves daily $0$ | 3 serves daily $2$ | 4 or more serves daily |
| (c) | How many servings of sweet foods like cakes, biscuits, lollies and/or chocolate do you consume a day? | Usually none <br> 0 | $1-2$ serves daily $2$ | More than 2 serves daily <br> 8 |  |
| (d) | How many teaspoons of sugar do you consume daily in hot drinks, added to foods, etc.? | $0-3$ <br> 0 | $4-6$ $1$ | $7-9$ $4$ | 10 or more $7$ |
| (e) | How often do you usually eat fish? | Rarely <br> 0 | 1-2 times a week $-2$ | 3-6 times a week $-5$ | Every day $\text { - } 10$ |
| (f) | How many pieces of fruit do you usually eat a day? | Usually none $0$ | $1-3$ pieces daily <br> $-2$ | $\begin{gathered} 4 \text { or more pieces } \\ \text { daily } \\ -3 \end{gathered}$ |  |
| (g) | How many serves of vegetables (excluding potatoes) do you usually eat a day? | Usually none <br> 0 | $1-2$ serves daily -3 | $3-4$ serves daily $-5$ | 5 or more serves daily $\text { - } 10$ |
| (h) | How many cups of coffee do you usually drink a day? | Usually none <br> 0 | $\begin{gathered} 1-2 \text { cups daily } \\ 0 \end{gathered}$ | $3 \text { - } 4 \text { cups daily }$ $2$ | 5 or more cups daily 4 |
| (i) | How much soff-drink do you consume on average? | Less than 500 ml per week <br> 0 | 1-2 litres per week $2$ | 3 - 4 litres per week <br> 4 | 5 or more litres per week $8$ |
| (i) | How much water do you drink a day? | $0-500 \mathrm{ml}$ <br> 7 | $501 \mathrm{ml}-1.25 \text { litres }$ <br> 3 | More than 1.25 litres <br> 0 |  |
| Add Diet Total (section a to i ): |  |  |  |  |  |

## End of patient section

Please note any questions for your Practitioner:

## Lipids

## Section (a) HDL (circle one score)

| High-density lipoprotein cholesterol less than <br> $1.1 \mathrm{mmol} / \mathrm{L}$ | 20 |
| :--- | :---: |
| High-density lipoprotein cholesterol between <br> $1.1-1.5 \mathrm{mmol} / \mathrm{L}$ | 0 |
| High-density lipoprotein cholesterol more than <br> $1.5 \mathrm{mmol} / \mathrm{L}$ | -15 |
| Don't know | 0 |

Section (b) Triglycerides (circle one score from one category)

| Triglycerides less than $1.0 \mathrm{mmol} / \mathrm{L}$ | 0 |
| :--- | :---: |
| Triglycerides between $1.0-2.0 \mathrm{mmol} / \mathrm{L}$ | 4 |
| Triglycerides between $2.1-3.0 \mathrm{mmol} / \mathrm{L}$ | 15 |
| Triglycerides between $3.1-5.0 \mathrm{mmol} / \mathrm{L}$ | 20 |
| Triglycerides more than $5.0 \mathrm{mmol} / \mathrm{L}$ | 25 |
| OR |  |
| Hemaview ${ }^{\text {TM }}$ results: | 0 |
| No chylomicrons after 6 hour fast | 12 |
| Presence of chylomicrons after 6 hour fast |  |
| OR | 5 |
| Dont know (no blood test or Hemaview <br> (TM <br> results for triglycerides/chylomicrons) | 5 |

Section (c) LDL (circle one score)

| Low-density lipoprotein cholesterol less than <br> 2.5 mmol/L | 0 |
| :--- | :---: |
| Low-density lipoprotein cholesterol between <br> $2.5-3.3 \mathrm{mmol} / \mathrm{L}$ | 5 |
| Low-density lipoprotein cholesterol between <br> $3.4-4.1 \mathrm{mmol} / \mathrm{L}$ | 20 |
| Low-density lipoprotein cholesterol between <br> $4.2-4.9 \mathrm{mmol} / \mathrm{L}$ | 30 |
| Low-density lipoprotein cholesterol more than <br> 4.9 mmol/L | 50 |
| Don't know | 5 |

Section (d) ApoB/ApoA1 ratio (circle one score)

| ApoB/ApoA1 ratio less than 0.8 | 0 |
| :--- | :---: |
| ApoB/ApoA1 ratio between $0.8-1.0$ | 10 |
| ApoB/ApoA1 ratio between $1.1-1.23$ | 20 |
| ApoB/ApoA1 ratio between $1.24-2.0$ | 35 |
| ApoB/ApoA1 ratio more than 2.0 | 50 |
| Don't know | 5 |

Section (e) Lipoprotein (a) (circle one score)

| Lipoprotein (a) less than $30 \mathrm{mg} / \mathrm{dL}$ | 0 |
| :--- | :---: |
| Lipoprotein (a) more than $30 \mathrm{mg} / \mathrm{dL}$ | 10 |
| Don't know | 5 |
| Add Lipid Total (section a to e): |  |

## Dyslipidaemia Subtype

Classify your patient's elevated lipids into one of the following subtypes for treatment:

| DYSLIPIDAEMIA <br> SUBTYPE: | LDL <br> High = more than <br> $3.3 \mathrm{mmol} / \mathrm{L}$ | HDL <br> Low = less than <br> $\mathbf{1 . 1} \mathrm{mmol} / \mathrm{L}$ | Triglycerides <br> High = more than <br> $\mathbf{1 . 7} \mathbf{~ m m o l / L}$ |
| :---: | :---: | :---: | :---: |
| Type One | High | Normal to Low | Normal |
| Type Two | High | Usually Low | High |
| Type Three | Normal | Usually Low | High |
| Type Four | Normal | Low | Normal |

## Inflammation and Pain

Section (a) C-reactive protein: hs-CRP assay
(circle one score)

| C-reactive protein less than $1.2 \mathrm{mg} / \mathrm{L}$ | 0 |
| :--- | :---: |
| C-reactive protein between $1.2-3.3 \mathrm{mg} / \mathrm{L}$ | 10 |
| C-reactive protein between $3.4-5.0 \mathrm{mg} / \mathrm{L}$ | 20 |
| C-reactive protein more than $5.0 \mathrm{mg} / \mathrm{L}$ | 34 |
| Don't know | 5 |

Section (b) Homocysteine (circle one score)

| Homocysteine less than $9 \mathrm{umol} / \mathrm{L}$ | 0 |
| :--- | :---: |
| Homocysteine between $9-11.9 \mathrm{umol} / \mathrm{L}$ | 2 |
| Homocysteine between $12-14.9 \mathrm{umol} / \mathrm{L}$ | 5 |
| Homocysteine between $15-20 \mathrm{umol} / \mathrm{L}$ | 10 |
| Homocysteine more than $20 \mathrm{umol} / \mathrm{L}$ | 20 |
| Don't know | 4 |

Section (c) Fibrinogen (circle one score from one category)

| Fibrinogen less than $3.0 \mathrm{~g} / \mathrm{L}$ | 0 |
| :--- | :---: |
| Fibrinogen between $3.1-4.0 \mathrm{~g} / \mathrm{L}$ | 6 |
| Fibrinogen more than $4.1 \mathrm{~g} / \mathrm{L}$ | 12 |
| OR |  |
| Hemavieww ${ }^{\text {TM }}$ results: | 8 |
| Significant level of spicules/rouleaux | 0 |
| Absent or low level of spicules/rouleaux |  |
| OR | 3 |
| Don't know (no Hemaview <br> (TM <br> results) |  |

Section (d) Platelet secretory vesicles
(circle one score from one category)

| Hemaview $^{\text {TM }}$ results: |  |
| :--- | :---: |
| Presence of platelet secretory vesicles | 8 |
| Absence of platelet secretory vesicles | 0 |
| OR |  |
| Don't know (no Hemaview $^{\text {TM }}$ results) | 2 |

Section (e) Does your patient have any of the following? (circle all applicable scores)

| High serum uric acid/Gout | 15 |
| :--- | :---: |
| Rheumatoid arthritis | 30 |
| Systemic lupus erythaematosus (SLE) | 60 |
| Any autoimmune disease e.g. Scleroderma, <br> Sarcoidosis, Multiple sclerosis, Siogrens <br> syndrome, Fibromyalgia, Polymyalgia rheumatica, <br> Undiagnosed joint or muscle pain unrelated to <br> injury, Ulcerative colitis, Crohn's disease | 20 |
| Asthma, Allergies, Hayfever, Rhinitis, Sinus, Eczema, <br> Psoriasis, Dermatitis, Hives, Urticaria, Skin rashes, <br> Food sensitivities, Irritable bowel syndrome | 12 |
| History of Chronic infection e.g. Epstein Barr virus, <br> Ross River fever, Cytomegalovirus, Barmah forest <br> virus, Chlamydia | 15 |
| Poor immunity, recurrent infections, Frequent <br> catching of colds | 5 |
| Gum infection, periodontal disease, recurrent <br> bleeding gums | 8 |
| Add Inflammation and Pain Total |  |
| (section a to e): |  |

## Blood Pressure

## Section (a) Systolic blood pressure

(circle one score from one category)

| Less than 120 mm Hg | 0 |
| :--- | :---: |
| $120-129 \mathrm{~mm} \mathrm{Hg}$ | 8 |
| $130-139 \mathrm{~mm} \mathrm{Hg}$ | 20 |
| $140-160 \mathrm{~mm} \mathrm{Hg}$ | 40 |
| More than 160 mm Hg | 60 |
| Don't know | 10 |
| Add Blood Pressure Total: |  |

## Liver and Bowel Toxicity

Section (a) Bacterial balance in the bowel
(circle one score from one category)

| Urinary Indican Test results: |  |
| :--- | :---: |
| Negative | 0 |
| Score 1-2 | 4 |
| Score 3-4 | 10 |
| OR | 10 |
| If your patient has had a Digestive Stool <br> Analysis, did it show the presence of <br> abnormal bacteria, parasites or yeasts in <br> the bowel? |  |
| Yes | 0 |
| No |  |
| OR | 3 |
| Don't know |  |
| Add Liver and Bowel Toxicity Total: |  |

## Stress

Section (a) (circle one score from one category)

| Hemaview ${ }^{\text {M }}$ results: |  |
| :--- | :---: |
| Presence of platelet aggregates more than 3 RBCs <br> in diameter | 8 |
| No platelet aggregates more than 3 RBCs in <br> diameter | 0 |
| OR |  |
| If your patient has had cortisol levels <br> tested in blood or saliva: | 12 |
| Abnormal cortisol levels, rhythms or ratios | 0 |
| Normal cortisol |  |
| OR | 4 |
| Don't know (no Hemaview™ <br> testing performed) | Add Stress Total: |

## Thyroid Function

Section (a) (circle one score)

| Normal thyroid function | 0 |
| :--- | :---: |
| Subclinical hypothyroidism, or basal temperature <br> test less than 36.4 | 14 |
| Medically diagnosed hypothyroidism | 20 |
| Don't know | 4 |
| Add Thyroid Function Total: |  |

## Blood Sugar

Section (a) Use one of the following categories with recent results (within the last 12 months) to assess blood glucose control (circle one score from one category)

| Fasting blood glucose |  |
| :--- | :---: |
| Fasting glucose less than $5.5 \mathrm{mmol} / \mathrm{L}$ | 0 |
| Fasting glucose $5.5-6.9 \mathrm{mmol} / \mathrm{L}$ | 20 |
| Fasting glucose more than $6.9 \mathrm{mmol} / \mathrm{L}$ | 50 |
| OR |  |
| Glucose tolerance test | 0 |
| 2 hr glucose less than $7.8 \mathrm{mmol} / \mathrm{L}$ | 20 |
| 2 hr glucose $7.8-11.0 \mathrm{mmol} / \mathrm{L}$ | 50 |
| 2 hr glucose more than $11.0 \mathrm{mmol} / \mathrm{L}$ |  |
| OR | 0 |
| HbA1c | 15 |
| HbAlc less than $5.0 \%$ | 25 |
| HbAlc $5.0-5.4 \%$ | 50 |
| HbAlc $5.5-7.0 \%$ |  |
| HbAlc more than $7.0 \%$ | 15 |
| OR |  |
| Don't know |  |

## Weight Management (Men)

Section (a) Waist-hip ratio (circle one score)

| Waist-hip ratio $=$ <br> The measurement around patient's waist in centimetres <br> (divided by) <br> The measurement around patient's body at the largest part <br> of the buttocks in centimetres |  |
| :--- | :---: |
| Waist-hip ratio less than 0.85 | 0 |
| Waist-hip ratio is between $0.85-0.88$ | 5 |
| Waist-hip ratio is between $0.89-0.92$ | 10 |
| Waist-hip ratio is between $0.93-0.98$ | 18 |
| Waist-hip ratio is between $0.99-1.05$ | 35 |
| Waist-hip ratio more than 1.05 | 50 |

Section (b) (choose one score from either BIA or BMI)

| BIA - Bioimpedance Analysis |  |
| :--- | :---: |
| Percentage of body fat less than 15\% | 0 |
| Percentage of body fat is between $15-20 \%$ | 2 |
| Percentage of body fat is between $21-26 \%$ | 10 |
| Percentage of body fat more than $26 \%$ | 25 |

## OR BMI -

Step 1: Multiply patient's height ( m ) by their height ( m ) eg. $(1.75 \mathrm{~m}) \mathbf{1 . 7 5 \times 1 . 7 5 = 3 . 0 6}$

Step 2: Divide patient's weight (kg) by the number from step 1

$$
\text { eg. }(70 \mathrm{~kg}) \frac{70=22.9}{3.06}
$$

22.9 = BMI

| BMI less than 18.5 | 0 |
| :--- | :---: |
| BMI between 18.5-24.9 | 0 |
| BMI between 25.0-29.9 | 5 |
| BMI between $30.0-34.9$ | 10 |
| BMI between $35.0-40.0$ | 20 |
| BMI more than 40.0 | 30 |

MEN: Add Weight Management Total (section a to b):

## Weight Management (Women)

## Section (a) Waist-hip ratio (circle one score)

| Waist-hip ratio $=$ <br> The measurement around patient's waist in centimetres <br> (divided by) |  |
| :--- | :---: |
| The measurement around patient's body at the largest part <br> of the buttocks in centimetres |  |
| Waist-hip ratio less than 0.75 | 0 |
| Waist-hip ratio is between $0.75-0.79$ | 5 |
| Waist-hip ratio is between $0.80-0.85$ | 10 |
| Waist-hip ratio is between $0.86-0.94$ | 18 |
| Waist-hip ratio more than 0.94 | 40 |

Section (b) (choose one score from either BIA or BMI)

| BIA - Bioimpedance Analysis |  |
| :--- | :---: |
| Percentage of body fat less than $25 \%$ | 0 |
| Percentage of body fat is between $25-29 \%$ | 2 |
| Percentage of body fat is between $30-35 \%$ | 10 |
| Percentage of body fat more than $35 \%$ | 25 |

## OR BMI -

Step 1: Multiply patient's height ( m ) by their height ( m )
eg. $(1.75 \mathrm{~m}) \mathbf{1 . 7 5 \times 1 . 7 5 = 3 . 0 6}$
Step 2: Divide patient's weight (kg) by the number from step 1

$$
\text { eg. }(70 \mathrm{~kg}) \mathbf{7 0}=\mathbf{2 2 . 9}
$$

3.06
22.9 = BMI

| BMI less than 18.5 | 0 |
| :--- | :---: |
| BMI between 18.5-24.9 | 0 |
| BMI between 25.0-29.9 | 5 |
| BMI between 30.0-34.9 | 10 |
| BMI between 35.0-40.0 | 20 |
| BMI more than 40.0 | 30 |
| WOMEN: Add Weight Management Total |  |
| (section a to b): |  |


| CATEGORY | SCORE |  |  | PRIORITY (Mark appropriate category based on total score) |
| :---: | :---: | :---: | :---: | :---: |
| Age |  |  |  | Not a modifiable risk factor |
| Cardiovascular history |  |  |  | $\begin{aligned} & \text { ㅁ Low: }(0-30) \\ & \text { ㅁ Medium: }(31-50) \\ & \text { व High: ( } 51 \text { and above) } \end{aligned}$ |
| Family history |  |  |  | Not a modifiable risk factor |
| Lifestyle |  |  |  | ㅁ Low: (-35--10) <br> - Medium: (-9 - 21) <br> - High: (22 and above) |
| Stress |  |  |  | $\begin{aligned} & \text { प Low: }(-19-25) \\ & \square \text { Medium: }(26-40) \\ & \square \text { High: ( } 41 \text { and above) } \end{aligned}$ |
| Sleep |  |  |  | $\begin{aligned} & \text { ㅁ Low: }(0-5) \\ & \text { ㅁ Medium: }(6-11) \\ & \square \text { High: ( } 12 \text { and above) } \end{aligned}$ |
| Bowel toxicity |  |  |  | - Low: (0 - 3) <br> - Medium: (4-9) <br> - High: (10 and above) |
| Blood sugar |  |  |  | $\begin{aligned} & \text { ㅁ Low: }(0-19) \\ & \text { व Medium: }(20-49) \\ & \text { - High: ( } 50 \text { and above) } \end{aligned}$ |
| Inflammation and Pain |  |  |  | ```\square Low: (0 - 19) \square Medium: (20-42) \square High: (43 and above)``` |
| Diet |  |  |  | $\begin{aligned} & \text { ㄴ Low: }(-19-6) \\ & \square \text { Medium: }(7-13) \\ & \square \text { High: ( } 14 \text { and above) } \end{aligned}$ |
| Lipids |  |  |  | $\begin{aligned} & \text { ㄴ Low: }(-15-9) \\ & \square \text { Medium: }(10-35) \\ & \square \text { High: ( } 35 \text { and above) } \end{aligned}$ |
| Blood pressure |  |  |  | - Low: (0-9) <br> - Medium: (10-29) <br> - High: (30 and above) |
| Thyroid function |  |  |  | - Low: (0-7) <br> - Medium: (8-13) <br> - High: (14 and above) |
| Weight management |  |  |  | $\begin{aligned} & \square \text { Low: }(0-11) \\ & \square \text { Medium: }(12-27) \\ & \square \text { High: (28 and above) } \end{aligned}$ |

Add Total Cardiovascular score: $\qquad$
Total cardiovascular risk

RISK SCORE
Low risk:
-88-100
Moderate risk:
High risk:
101-220
RELATIVE RISK
less than 1
1-3
Very high risk:
221-350
3-5
351 and above $5+$

## Metagenics

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