# 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 <u>your</u> 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 C reactive protein (hs-CRP)

LDL Cholesterol Homocysteine Triglycerides Fibrinogen

Apo B / Apo A1 ratio Fasting glucose / Glucose tolerance test / HbA1c

Lipoprotein (a) Blood Pressure

#### 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)

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

#### **Family History**

#### Section (a) (circle score if applicable)

Mother with Cardiovascular Disease at less than 65 years (high blood pressure, heart attack, angina, stroke, hardening of the arteries)	15
Father with Cardiovascular Disease at less than 55 years (high blood pressure, heart attack, 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 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 (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 on a fortnightly or more frequent basis?	7
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#### Section (f) Environment (circle score if applicable)

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

#### **Stress**

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

Death of family member 20 Divorce/separation 20 Marital reconciliation 20 Maior 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 3 Change in work responsibilities 3 Mortgage 3 Major family events – weddings, births in the immediate family 3 Son or daughter leaving home 3 Personal difficulties at work 3 Outstanding personal achievement 2 Change in residence 2 Change in schools 2 Change in routine 2 Holidays 2 Christmas 2 Minor violations of the law 2	Death of spouse	30
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 3  Change in work responsibilities 3  Mortgage 3  Major family events – weddings, births in the immediate family 3  Son or daughter leaving home 3  Personal difficulties at work 3  Outstanding personal achievement 2  Change in schools 2  Change in social habits 2  Change in routine 2  Holidays 2  Christmas 2	· · · · · · · · · · · · · · · · · · ·	20
Marital reconciliation20Jail term20Major illness/injury/surgery20Marriage10Dismissal from work10Retirement10Death of a friend8Illness in the family8Sexual difficulties5Pregnancy5Moving to a new town/city/country5Family/relationship disputes5Change in financial state3Change of occupation3Change in work responsibilities3Mortgage3Major family events – weddings, births in the immediate family3Son or daughter leaving home3Personal difficulties at work3Outstanding personal achievement2Change in residence2Change in schools2Change in social habits2Change in routine2Holidays2Christmas2		20
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Marriage10Dismissal from work10Retirement10Death of a friend8Illness in the family8Sexual difficulties5Pregnancy5Moving to a new town/city/country5Family/relationship disputes5Change in financial state3Change of occupation3Change in work responsibilities3Mortgage3Major family events – weddings, births in the immediate family3Son or daughter leaving home3Personal difficulties at work3Outstanding personal achievement2Change in residence2Change in schools2Change in social habits2Change in routine2Holidays2Christmas2	Jail term	20
Dismissal from work  Retirement  10  Death of a friend  8  Illness in the family  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  3  Change in work responsibilities  3  Mortgage  3  Major family events – weddings, births in the immediate family  Son or daughter leaving home  3  Personal difficulties at work  3  Outstanding personal achievement  2  Change in schools  Change in routine  4  Change in routine  4  Change in routine  4  Christmas	Major illness/injury/surgery	20
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 3 Change in work responsibilities 3 Mortgage 3 Major family events – weddings, births in the immediate family 3 Son or daughter leaving home 3 Personal difficulties at work 3 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	Marriage	10
Death of a friend  Illness in the family  Sexual difficulties  Fregnancy  5  Moving to a new town/city/country  5  Family/relationship disputes  5  Change in financial state  3  Change of occupation  3  Change in work responsibilities  3  Mortgage  3  Major family events – weddings, births in the immediate family  Son or daughter leaving home  3  Personal difficulties at work  3  Outstanding personal achievement  2  Change in residence  2  Change in schools  Change in routine  4  Holidays  2  Christmas	Dismissal from work	10
Illness in the family  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  3 Change in work responsibilities  3 Mortgage  3 Major family events – weddings, births in the immediate family  Son or daughter leaving home  3 Personal difficulties at work  3 Outstanding personal achievement  2 Change in residence  2 Change in schools  2 Change in social habits  2 Change in routine  4 Holidays  2 Christmas	Retirement	10
Sexual difficulties  Pregnancy  Moving to a new town/city/country  Family/relationship disputes  Change in financial state  3  Change of occupation  Change in work responsibilities  Mortgage  3  Major family events – weddings, births in the immediate family  Son or daughter leaving home  3  Personal difficulties at work  Outstanding personal achievement  Change in residence  Change in schools  Change in social habits  Change in routine  Holidays  Christmas	Death of a friend	8
Pregnancy 5  Moving to a new town/city/country 5  Family/relationship disputes 5  Change in financial state 3  Change of occupation 3  Change in work responsibilities 3  Mortgage 3  Major family events – weddings, births in the immediate family 5  Son or daughter leaving home 3  Personal difficulties at work 3  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	Illness in the family	8
Moving to a new town/city/country5Family/relationship disputes5Change in financial state3Change of occupation3Change in work responsibilities3Mortgage3Major family events – weddings, births in the immediate family3Son or daughter leaving home3Personal difficulties at work3Outstanding personal achievement2Change in residence2Change in social habits2Change in routine2Holidays2Christmas2	Sexual difficulties	5
Family/relationship disputes  Change in financial state  3 Change of occupation  3 Change in work responsibilities  3 Mortgage  3 Major family events – weddings, births in the immediate family  Son or daughter leaving home  3 Personal difficulties at work  3 Outstanding personal achievement  2 Change in residence  2 Change in schools  Change in social habits  2 Change in routine  Holidays  2 Christmas	Pregnancy	5
Change in financial state  Change of occupation  Change in work responsibilities  Mortgage  Major family events – weddings, births in the immediate family  Son or daughter leaving home  Personal difficulties at work  Outstanding personal achievement  Change in residence  Change in schools  Change in social habits  Change in routine  Holidays  Christmas	Moving to a new town/city/country	5
Change of occupation 3  Change in work responsibilities 3  Mortgage 3  Major family events – weddings, births in the immediate family 3  Son or daughter leaving home 3  Personal difficulties at work 3  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	Family/relationship disputes	5
Change in work responsibilities       3         Mortgage       3         Major family events – weddings, births in the immediate family       3         Son or daughter leaving home       3         Personal difficulties at work       3         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	Change in financial state	3
Mortgage3Major family events – weddings, births in the immediate family3Son or daughter leaving home3Personal difficulties at work3Outstanding personal achievement2Change in residence2Change in schools2Change in social habits2Change in routine2Holidays2Christmas2	Change of occupation	3
Major family events – weddings, births in the immediate family  Son or daughter leaving home  Personal difficulties at work  Outstanding personal achievement  Change in residence  Change in schools  Change in social habits  Change in routine  Holidays  Christmas	Change in work responsibilities	3
immediate family  Son or daughter leaving home  3  Personal difficulties at work  3  Outstanding personal achievement  2  Change in residence  2  Change in schools  2  Change in social habits  2  Change in routine  4  Holidays  2  Christmas	Mortgage	3
Personal difficulties at work 3  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		3
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	Son or daughter leaving home	3
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Change in schools2Change in social habits2Change in routine2Holidays2Christmas2	Outstanding personal achievement	2
Change in social habits 2  Change in routine 2  Holidays 2  Christmas 2	Change in residence	2
Change in routine 2 Holidays 2 Christmas 2	Change in schools	2
Holidays 2 Christmas 2	Change in social habits	2
Christmas 2	Change in routine	2
	Holidays	2
Minor violations of the law 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)

Add Stress Total (section a to c):	
Are you easily angered or frustrated, feel resentment or hostility towards others or frequently irritable?	Weekly or more: 25 Monthly or more: 12
Do you have feelings of sadness, depression, hopelessness, apathy, gloom, helplessness, isolation, loneliness, or lack of interest in social interaction?	Weekly or more: 30 Monthly or more: 15
Do you feel anxiety, worry, fear, sudden feelings of panic, inability to control breathing and accelerated heart rate when upset, or recurrent feelings of unease?	Weekly or more: 40 Monthly or more: 20

#### 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  Insomnia, difficulty falling asleep or interrupted	3
sleep Add Sleep Total	3
(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)

2 – 6 months  Longer than 6 months	10
2 – 6 months	5
Less than 2 weeks  2 weeks – 2 months	0

#### **Blood Sugar**

#### Section (a) (circle score if applicable)

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

#### 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, 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

		7	3	0	
(j)	How much water do you drink a day?	0 – 500 ml	501 ml – 1.25 litres	More than 1.25 litres	
		0	2	4	8
(i)	How much soft-drink do you consume on average?	Less than 500 ml per week	1 – 2 litres per week	3 – 4 litres per week	5 or more litres per week
	usually drink a day?	0	0	2	daily 4
(h)	How many cups of coffee do you	Usually none	1 – 2 cups daily	3 – 4 cups daily	5 or more cups
	eat a day?	0	-3	-5	-10
(g)	How many serves of vegetables (excluding potatoes) do you usually	Usually none	1 – 2 serves daily	3 – 4 serves daily	5 or more serves
	usually eat a day?	0	-2	daily -3	
(f)	How many pieces of fruit do you	Usually none	1 – 3 pieces daily	4 or more pieces	
		0	-2	-5	-10
(e)	How often do you usually eat fish?	Rarely	1 – 2 times a week	3 – 6 times a week	Every day
	added to foods, etc.?	0	1	4	7
(d)	How many teaspoons of sugar do you consume daily in hot drinks,	0 – 3	4 – 6	7 – 9	10 or more
	chocoldie do you consume d days	0	2	8	
(c)	How many servings of sweet foods like cakes, biscuits, lollies and/or chocolate do you consume a day?	Usually none	1 – 2 serves daily	More than 2 serves daily	
	100ds do you have a day?	0	0	2	4
(b)	How many serves of bread, pasta, rice, potatoes or other starchy foods do you have a day?	0 – 1 serves daily	2 serves daily	3 serves daily	4 or more serves daily
		0	1	5	10
(a)	How often do you usually eat fried foods?	Less than once a week	1 – 2 times a week	3 – 6 times a week	Every day

### End of patient section

# Please note any questions for your Practitioner:

#### Lipids

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

High-density lipoprotein cholesterol less than 1.1 mmol/L	20
High-density lipoprotein cholesterol between 1.1 – 1.5 mmol/L	0
High-density lipoprotein cholesterol more than 1.5 mmol/L	-15
Don't know	0

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

Don't know (no blood test or Hemaview™ results for triglycerides/chylomicrons)	5
OR	
Presence of chylomicrons after 6 hour fast	12
No chylomicrons after 6 hour fast	0
Hemaview™ results:	
OR	
Triglycerides more than 5.0 mmol/L	25
Triglycerides between 3.1 – 5.0 mmol/L	20
Triglycerides between 2.1 – 3.0 mmol/L	15
Triglycerides between 1.0 – 2.0 mmol/L	4
Triglycerides less than 1.0 mmol/L	0

#### Section (c) LDL (circle one score)

Low-density lipoprotein cholesterol less than 2.5 mmol/L	0
Low-density lipoprotein cholesterol between 2.5 – 3.3 mmol/L	5
Low-density lipoprotein cholesterol between 3.4 – 4.1 mmol/L	20
Low-density lipoprotein cholesterol between 4.2 – 4.9 mmol/L	30
Low-density lipoprotein cholesterol more than 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)

Add Lipid Total (section a to e):	
Don't know	5
Lipoprotein (a) more than 30 mg/dL	10
Lipoprotein (a) less than 30 mg/dL	0

#### **Dyslipidaemia Subtype**

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

DYSLIPIDAEMIA SUBTYPE:	<b>LDL</b> High = more than 3.3 mmol/L	HDL Low = less than 1.1 mmol/L	Triglycerides High = more than 1.7 mmol/L
Type One	High	Normal to Low	Normal
Type Two	High	Usually <b>Low</b>	High
Type Three	Normal	Usually <b>Low</b>	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 mg/L	0
C-reactive protein between 1.2 – 3.3 mg/L	10
C-reactive protein between 3.4 – 5.0 mg/L	20
C-reactive protein more than 5.0 mg/L	34
Don't know	5

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

Homocysteine less than 9 umol/L	0
Homocysteine between 9 – 11.9 umol/L	2
Homocysteine between 12 – 14.9 umol/L	5
Homocysteine between 15 – 20 umol/L	10
Homocysteine more than 20 umol/L	20
Don't know	4

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

Don't know (no Hemaview™ or Fibrinogen results)	3
OR	
Absent or low level of spicules/rouleaux	0
Significant level of spicules/rouleaux	8
Hemaview™ results:	
OR	
Fibrinogen more than 4.1 g/L	12
Fibrinogen between 3.1 – 4.0 g/L	6
Fibrinogen less than 3.0 g/L	0

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

Hemaview™ results:	
Presence of platelet secretory vesicles	8
Absence of platelet secretory vesicles	0
OR	
Don't know (no Hemaview™ results)	2

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

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

#### **Blood Pressure**

# Section (a) Systolic blood pressure (circle one score from one category)

Add Blood Pressure Total:	
Don't know	10
More than 160 mm Hg	60
140 -160 mm Hg	40
130 -139 mm Hg	20
120 -129 mm Hg	8
Less than 120 mm Hg	0

#### **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	
If your patient has had a Digestive Stool Analysis, did it show the presence of abnormal bacteria, parasites or yeasts in the bowel?	
Yes	10
No	0
OR	
Don't know	3
Add Liver and Bowel Toxicity Total:	

#### **Stress**

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

Hemaview™ results:	
Presence of platelet aggregates more than 3 RBCs in diameter	8
No platelet aggregates more than 3 RBCs in diameter	0
OR	
If your patient has had cortisol levels tested in blood or saliva:	
Abnormal cortisol levels, rhythms or ratios	12
Normal cortisol	0
OR	
Don't know (no Hemaview™ or Cortisol testing performed)	4
Add Stress Total:	

#### **Thyroid Function**

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

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

#### **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 mmol/L	0
Fasting glucose 5.5 – 6.9 mmol/L	20
Fasting glucose more than 6.9 mmol/L	50
OR	
Glucose tolerance test	
2 hr glucose less than 7.8 mmol/L	0
2 hr glucose 7.8 – 11.0 mmol/L	20
2 hr glucose more than 11.0 mmol/L	50
OR	
HbA1c	
HbA1c less than 5.0%	0
HbA1c 5.0 – 5.4%	15
HbA1c 5.5 – 7.0%	25
HbA1c more than 7.0%	50
OR	
Don't know	15
Add Blood Sugar Total:	

#### Weight Management (Men)

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

# Waist-hip ratio = The measurement around patient's waist in centimetres (divided by) The measurement around patient's body at the largest part of the buttocks in centimetres Waist-hip ratio less than 0.85 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

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

Waist-hip ratio more than 1.05

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 m) 1.75 x 1.75 = 3.06

Step 2: Divide patient's weight (kg) by the number from step 1 eg. (70 kg)  $\frac{70 = 22.9}{3.06}$ 

#### 22.9 = BMI

2217 — 51111	
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 = The measurement around patient's waist in centimetres (divided by) The measurement around patient's body at the largest part of the buttocks in centimetres Waist-hip ratio less than 0.75 Waist-hip ratio is between 0.75 – 0.79 Waist-hip ratio is between 0.80 – 0.85 Waist-hip ratio is between 0.86 – 0.94 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 -

50

<u>Step 1</u>: Multiply patient's height (m) by their height (m) eg.  $(1.75 \text{ m}) 1.75 \times 1.75 = 3.06$ 

Step 2: Divide patient's weight (kg) by the number from step 1 eg. (70 kg) 70 = 22.9 3.06

#### 22.9 = BMI

22.9 = DMI	
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):

SCORE SHEET

CATEGORY		SCORE		PRIORITY (Mark appropriate category
	PART 1	PART 2	TOTAL	based on total score)
Age				Not a modifiable risk factor
Cardiovascular history				□ Low: (0 – 30) □ Medium: (31 – 50) □ High: (51 and above)
Family history				Not a modifiable risk factor
Lifestyle				□ Low: (-35 – -10) □ Medium: (-9 – 21) □ High: (22 and above)
Stress				□ Low: (-19 – 25) □ Medium: (26 – 40) □ High: (41 and above)
Sleep				□ Low: (0 – 5) □ Medium: (6 – 11) □ High: (12 and above)
Bowel toxicity				□ Low: (0 – 3) □ Medium: (4 – 9) □ High: (10 and above)
Blood sugar				□ Low: (0 – 19) □ Medium: (20 – 49) □ High: (50 and above)
Inflammation and Pain				□ Low: (0 – 19) □ Medium: (20 – 42) □ High: (43 and above)
Diet				□ Low: (-19 – 6) □ Medium: (7 – 13) □ High: (14 and above)
Lipids				□ Low: (-15 – 9) □ Medium: (10 – 35) □ High: (35 and above)
Blood pressure				□ Low: (0 – 9) □ Medium: (10 – 29) □ High: (30 and above)
Thyroid function				□ Low: (0 – 7) □ Medium: (8 – 13) □ High: (14 and above)
Weight management				□ Low: (0 – 11) □ Medium: (12 – 27) □ High: (28 and above)

Add	Total	Cardiovascular	score:	

#### Total cardiovascular risk

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



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