SAMPLE PATIENT TEST RESULTS

Color Legend

Black is normal range for this test

Green is borderline/intermediate range for this test

Red is high/abnormal for this test

Dark Red is extreme high risk for this test

Patient Name: John Doe

 Age:
 62
 Date of Birth:
 2/13/1953

 Gender:
 Male
 Date of Visit:
 8/5/2015

Major Risk Factors:						Contributing Risk Factors:
Controllable		Not	t Controllab	le		Controllable
Elevated Cholesterol	✓ Physical A	Activity	Age	✓ Family His	tory	Alcohol Overuse
✓ Elevated Blood Pressure	✓ Smoking	V	Gender			✓ Diet and Nutrition
✓ Elevated Sugar Levels	✓ BMI Eleva	ation	Race			Stress
Vitals		You	ır Results		Normal Range	
Weight Height BMI Waist Circumference Waist-Hip Ratio (WHR)	Comments	72" 29. 40" 0.9 Your BMI (body mas cardiovascular disea certain forms of can 25. In addition to ar better indicator for your WHR of 0.95 is lbs. For men, 2-3 lbs goal of 10% of your maintain your weigh support and encour	5 ss index) is i ase, diabete acer (endom nalyzing BM weight-rela Borderline s/month and body weigh nt over time agement yo	s, gallbladder d netrial, breast, a I, we analyzed v ted diseases tha . We recommen d for women, 1- it per year. Grad e. We're confide ou need to help	Male: less than C nt range, indicating isease, osteoarthrit nd colon) and depr vaist circumference an BMI. Your waist d a weight reduction 2 lbs/month of wei dual weight loss will ant that a weight mayou achieve and m	2 10"; Female: less than 35" 10.95; Female: less than 0.80 you are at increased risk for is, sleep apnea, respiratory problems, ression. You should target a BMI closer to e and waist-hip ratio (WHR). WHR is a circumference of 40" is Abnormal and on plan with a target weight below 184 ight loss is recommended with an initial I increase the chances that you will anagement program can provide the aintain a better weight. If you would like be you with additional information.
Diagnostic Testing		Υοι	ır Results		Normal Range	
CV Profiler (Arterial Stiffness)	1	Por	derline			
Your C1: Large Artery Your C2: Small Artery		9.9 4.2	derille			2 year old Male: >10.0 2 year old Male: >6.0
Resting Blood Pressure Baseline BP Your Lying BP Your Standing BP	Comments	results may be an ea will allow us to targe monitor factors that	arly indicati et any existi t may lead t normal / / / / / / / / / /	on of the develoing conditions w	opment of vascular with the goal of reve	5
	Comments	experienced symptonervous system. If y provider. We would a treatment plan wh	oms of orthorou feel light d like to sch nich will be i.e. lowerin	ostatic hypoten: theadedness or edule a follow-u uniquely tailore	sion which may be weakness when sta up visit to review yo d to you. We also r	han 120/80 is optimal. Further, you caused by an imbalance of the autonomic anding, discuss this with your medical our current medications so we can create ecommend that you start treatment by cal activity, limiting alcohol consumption
BP Activity Response			normal	00	Contails DD Is at	han 100, diastalia DD lassatha 200
BP Activity Response Your Exercise BP at 3 minutes Your Rise in BP		Abı 200 50	/	80 mmHg -6	•	han 169; diastolic BP less than 90 P less than 30; No rise in diastolic BP

in blood pressure during 3 minutes of exercise. This may be related to reduced blood vessel function, which

is linked to the presence or risk of development of artery disease (arteriosclerosis).

			John Doe - 2/13/1953
Vasculature Eye Photo	Comments		Greater than 2/3; No structural variations adicated structural variations in the artery. For some body types this ses it is associated with the development of cerebrovascular, es.
Carotid Intimal Medial Thickness		Abnormal	calculated by age & gender
	Comments	system. However, In the limited area condition, preventive treatment is cri with your medical provider if a full ca	ing an increased risk of atherosclerosis of the cardiac and vascular we visualized, no plaque (fatty deposits) was identified. For this tical for reducing your risk of a stroke or heart attack. Please discuss rotid ultrasound is appropriate for you as well as possible medication reatment plan. Finally, repeating this test after treatment options have us monitor your condition.
Abdominal Aortic Ultrasound		Normal	Less than 2.5 cm; No other abnormalities detected
Left Ventricular Ultrasound	Comments	Normal	calculated by gender & body surface mass
Electrocardiogram	Comments	Normal	interpreted by medical provider
Pulmonary Function	Comments	such as certain types of lung disease	calculated by age, height, & gender I pulmonary function. This could be caused by a variety of condition e (particularly asthma, bronchitis, and emphysema), obesity, allergie ther evaluation is required at this time unless you develop additiona h or chronic cough.
Pulse Oximetry			
Resting		Normal	Greater than 96%
Exercise	Comments	Normal	Greater than 96%
Lab Testing Note : Normal ranges on labs below are bo	ased on evidence-	Your Results hased medical protocols and are prevention or	Normal Range iented. They may appear different from what is in your lab report.
Microalbumin / Creatinine		0.77 mg/mmol	Less than .61
Microalbumin: 0.8 mg/dL Creatinine: 117 mg/dL	Comments	or small blood vessel (microvascular)	are slightly elevated. This may be an early indicator of reduced kidney function. However, false positives are sometimes reflected in e would like to repeat this test before taking further action.
Brain Natriuretic Peptide (BNP)	Comments	8.9 pg/mL	Less than 50
TSH		0.80 uIU/mL	.5 - 4.0
	Comments		

Comments

	183 mg/dL 57 mg/dL	Less than 200
:	3, mg/ aL	40 mg/dl or higher
	45 mg/dL	Less than 100
ř	including diabetes and possible reduce HDL of 60 or greater will be protective diet and weight management can sign increase HDL and are now available in and Take Control margarines). Please	Normal. However, considering your other tests and risk factors, and kidney function, a target HDL of 60 or greater is recommended. At against cardiovascular risk. Lifestyle modifications such as exercise, ificantly improve your cholesterol levels. Plant sterols can also help some products (i.e. Minute Maid Heart Wise orange juice, Benecol discuss with your medical provider if Niacin or other treatment opriate for you.
	225 mg/dL	Less than 150
•	• ,	ndicating increased risk of cardiovascular diseases. Elevated
	• .	r diseases such as diabetes. We recommend eating a high fiber diet
		mega-3 fatty acids (i.e. salmon, mackerel, sardines, albacore tuna),
	-	urated fats. We also recommend reducing alcohol intake, increasing
	your aret (i.e. bakea goods, sweets, pe	p, potatoes, emps, write bread, pasta, nee.
ļ	111 mg/dL	Less than 100
Comments		e elevated to the impaired fasting glucose range (pre-diabetes),
•	indicating that you are at significant ris	sk of developing diabetes, or that better management of current
	diabetes may be needed. We recomm	end further evaluation with a 2-hour glucose tolerance test and/or
	monitoring your fasting glucose regula	rly. In addition, proper management of weight and diet may enable
	you to delay the development of diabo	etes, avoid it entirely or better manage your current condition.
ı	1.0 mg/l	Less than .31
Comments		
·	the body. Inflammation plays a centra your arteries. CRP tests cannot pinpoi	role in the process of atherosclerosis, in which fatty deposits clog at the location of inflammation or definitely indicate whether you nsidered with other tests, the CRP test contributes to an overall
	have returned to normal. Please discu	d repeating this test in 6-12 months to verify that your CRP levels ss with your medical provider if cholesterol-lowering statin
	205 ng/mL	24 - 270 (men)
Comments		·
	419 ng/dL	348 - 1052 (men)
recomments		
	12.3 ng/mL	Greater than 30
	Comments Comments	including diabetes and possible reduced HDL of 60 or greater will be protective diet and weight management can sign increase HDL and are now available in and Take Control margarines). Please options such as a Fenofibrate are approprious and substituting fish, which is high in or in place of meats which are high in sat physical activity, implementing a weigl your diet (i.e. baked goods, sweets, possible such and substituting fish, which is high in or in place of meats which are displayed. Comments 111 mg/dL Comments Your levels of glucose (blood sugar) are indicating that you are at significant ris diabetes may be needed. We recommend indicating that you are at significant ris diabetes may be needed. We recommend you to delay the development of diabetes may be needed. We recommend your arteries. CRP tests cannot pinpoin have heart disease; however, when copicture of your health. We recommend have returned to normal. Please discumedications are appropriate for you. 205 ng/mL Comments 419 ng/dL Comments

issues, cardiovascular diseases, etc. People who do not get enough sunlight, suffer from milk allergies or adhere to a vegetarian diet are at particular risk for vitamin D deficiency. Research suggests vitamin D could play a role in the prevention and treatment of various conditions including diabetes, high blood pressure,

and multiple sclerosis. Please discuss vitamin D supplementation with your medical provider.

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Medical Screening	Your Results
Stress Assessment	Inconclusive - need to review questionaire
Vision	Not Assessed
Nutrition	Suggest Dietary Modifications
Sleep Disorders	Suggest Follow Up with Sleep Specialist

Low Risk 0 - 8.9

Moderate Risk 9 - 18

High Risk 18.1 - 30

Extremely High Risk 30+

Heart Attack-Stroke Risk Assessment	Primary Prevention
Your 6 Year Risk Assessment:	30 pts
Risk vs. a 62 year old Male with optimal levels of modifiable risk factors (10 year):	400%

(1) This risk score is based on a 6 year risk assessment for having a heart attack or stroke and does not evaluate modifiable and non-modifiable risk factors (i.e. family history, smoking, cholesterol, etc)

(2) This risk score is is designed to predict your risk of having a heart attack, stroke or other major heart disease in the next 10 years; Score reflects your relative risk vs a 62 year old Male with optimal levels of modifiable risk factors Note: Risk scores were developed and validated using data from large groups of people who were monitored over years. Your situation may be different.

Additional Recommendations:

Maintaining a healthy diet and losing weight (especially around the waistline) are among the most significant things you can do to improve your health. Focus on developing a diet with less red meat and high-fat foods and fewer sweets, as well as increasing your intake of vegetables, fruits, whole grains and fish (not fried). For fruits and vegetables, try to get as wide a range of colors in your diet as possible, and buy fresh fruit and vegetables, which will always contain more nutrients than canned or frozen ones. Good sources of whole grains include whole wheat and multigrain breads and cereals, whole wheat pasta and brown rice. For fish, the American Heart Association lists salmon, mackerel, herring, lake trout, sardines and albacore tuna as having the greatest benefit in reducing heart disease. Finally, check your labels—you may be surprised to find that you're getting half a day's worth of cholesterol in your bowl of ice cream, almost your full daily quota of fat in a single serving of Caesar salad dressing, or more than a fifth of your daily quota of sodium (salt) in one muffin!

Recent research indicates that when it comes to eating healthy foods, exercising regularly and losing weight, people are more successful when they don't have to go it alone. Having a cooking or exercise buddy, or even just a friend who is committed to providing moral support on a regular basis can make all the difference in whether we stick to our new plans or not. If you feel that having an accountability partner could be the right thing for you, we encourage you to think about the kind of support that will be most effective for you. Will you need someone who will come to your house and drag you to the gym, someone who can be available as a listening ear when you feel discouraged, or someone who will be firm when you are tempted by that second piece of cake or full country breakfast? Try to choose someone with similar goals who can partner with you and help compensate for your weaknesses. If we can help in any way with guiding you to the right partner, please do not hesitate to contact us.

We recommend that you reduce your sodium (salt) intake and monitor your blood pressure at your physicians office or with a home blood pressure monitor, which is available at most drug stores. It is recommended that home monitors be checked with a separate manual blood pressure cuff to make sure the monitor is accurate. Alternatively, we will be happy to do this for you in the clinic free of charge. If possible, alternate measurements should be taken in the morning, afternoon, and evening to see whether your blood pressure fluctuates at different times of the day. Weight reduction and exercise are also helpful in reducing blood pressure.

While any of the following conditions (obesity, low HDL, and elevated blood pressure, glucose, CRP, or triglycerides) increases your risk of heart disease, stroke and diabetes, having three or more of these conditions at the same time is classified as Metabolic Syndrome (see enclosed materials), and increases your risk significantly. You currently have Metabolic Syndrome, so it is important that you initiate lifestyle changes focused on weight reduction, increased exercise (especially aerobic), and healthy eating. To find out whether additional medications are appropriate for you, please speak with your medical provider.

Regular exercise even without weight reduction can help lower cholesterol and improve the health of your heart and blood vessels. If you begin an exercise program, start slow with a low intensity exercise (i.e. walking) and gradually increase up to 30 minutes 3-4 times per week. Be sure to choose fun activities that you enjoy doing and that will benefit your health now and as you age. Always exercise within your comfort zone (no chest pain, able to talk comfortably).

We recommend that you quit using any form of tobacco and avoid second-hand smoke as well to reduce your risk. The good news is that in the year after you quit smoking, your risk of future heart problems drops by 50%. After 15 years, your risk is as low as someone who has never smoked. If you need any assistance in your smoking cessation effort, please call us or consult with your primary care provider. We will be happy to assist you in any way we can.

Many people like to have a few drinks (especially around football season!), and that is okay! However, red wine may be a smarter choice than other forms of alcohol since it contains antioxidants which may improve heart health. Also, keep in mind that increased amounts of any kind of alcohol can increase the risk for many health-related diseases. Limitation of alcohol to 2 beverages per day is recommended for men and 1 per day for women.

Sleep is often a reflection of your overall health, since in many cases, sleeping problems indicate an underlying medical or mental health problem. It's not normal to feel sleepy during the day or to wake up feeling tired. Sleeping problems, and particularly sleep apnea, can contribute to or significantly increase your risk of heart-related illnesses. Symptoms of sleep apnea include loud snoring, waking abruptly during sleep and feeling short of breath, waking up in the morning with a dry mouth or a sore throat, or sleepiness and fatigue during the day. The good news is that treatment options are available. Please discuss your problems sleeping with your medical provider to see if a sleep study referral is appropriate for you.

Please discuss the following with your medical provider: recent weight change, fatigue, recent changes in mood, pain or stiffness in neck, bleeding/bruising tendencies, hearing loss, ringing in ears, chest pain, feet/ankle swelling, sexual dysfunction, frequent urination, wheezing, difficulty swallowing, night sweats, depression.

ACTION PLAN - Manage Cholesterol Levels

Name: John Doe Date: 8/5/2015

Date of Birth: 2/13/1953

Summary - Cholesterol Levels

My total cholesterol level: Current: 183 mg/dl Goal: Less than 200 mg/dL Goal: My LDL (bad) cholesterol: Current: 45 mg/dl Less than 100 mg/dL* My HDL (good) cholesterol: Current: 57 mg/dl Goal: 40 mg/dL or higher for men*

50 mg/dL or higher for women*

My triglycerides: Current: 225 mg/dL Goal: Less than 150 mg/dL

Actions To Manage My Cholesterol

High blood cholesterol occurs if your body makes too much cholesterol or if you eat too much saturated fat. High total cholesterol, high LDL cholesterol and/or high triglycerides increase your heart attack risk. They cause fatty deposits (plaque) to build up in your arteries and narrow them. If your doctor decides that you are at especially high risk, he or she may recommend lowering your blood cholesterol (and especially your LDL cholesterol) through medication. Lowering your cholesterol usually means changing your eating habits, losing weight and taking medicines.

HDL (good) cholesterol protects you against heart disease. It helps to prevent fatty deposits (plaque) from building up in your arteries. The higher your HDL cholesterol, the better. An HDL higher then 60 provides protective elements against heart disease.

My Personal Action Plan

Put a check next to each item that you want to commit to do.

Select those that will work best for you, or write down some of your own.

	Meet with a dietitian (food expert). Ask about ways to change ingredients in my favorite recipes so they will still taste good but have less fat.
	Ask my doctor about medicines to help me reach my cholesterol goal levels.
	Eat a diet rich in fruits and vegetables.
	Eat whole-grain, high fiber foods.
	Prepare meals that are low in saturated fat, trans fat and cholesterol.
	Eat fish at least twice a week (not fried!). Examples include salmon, mackerel, herring, lake trout, sardines and albacore tuna.
	Include sources of ALA in your diet. Examples include sunflower seeds, almonds, flax seed oil, tofu and other soy products.
	Select fat-free, 1-percent fat, and low-fat dairy products.
	Learn how to read food labels to help me choose healthy foods.
	Ask my family and friends for support.
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Color Legend:

Black is normal range for this test Green is borderline/intermediate range for this test Red is high/abnormal for this test Dark Red is extreme high risk for this test

^{*}If you have diabetes or reduced kidney function your target LDL level is under 70 mg/dL and target HDL is 60 mg/dL or higher

ACTION PLAN - Reduce Blood Pressure

Name: John Doe **Date:** 8/5/2015

Date of Birth: 2/13/1953

Summary - Blood Pressure

My blood pressure is: Current: 180 / 86 mmHg Goal: Optimal is less than 120/80* mm Hg

Actions To Reduce My Blood Pressure

Normal blood pressure is below 120/80 mm Hg. Blood pressure of 120-139/80-89 is considered "prehypertension." If you blood pressure is 140/90 mm Hg or higher, you have high blood pressure.

High blood pressure puts an extra strain on your body - especially your heart, blood vessels and kidneys. It increases your risk of stroke, heart attack, kidney failure and heart failure.

When high blood pressure exists with obesity, smoking, high blood cholesterol levels or diabetes, the risk of heart attack or stroke increases several times.

You can help lower your blood pressure by:

- · Losing weight
- · Increasing physical activity
- · Limiting your salt intake
- · Limiting the amount of alcohol you drink
- Not smoking
- Taking medication, if prescribed by your doctor

My Personal Action Plan

Put a check next to each item that you want to commit to do.

Select those that will work best for you, or write down some of your own.

	Ask my doctor about medicines to help me lower my blood pressure.
	Take my blood pressure medicine as my doctor says. Tell my doctor about any side effects or problems with my blood pressure medicine.
	Start a weight-loss program and talk to my doctor about a realistic goal for me.
	Make a list of activities I like and talk to my doctor about a physical activity plan that's best for me. Start slowly, building up to at least 30 minutes a day on all or most days of the week.
	Learn how to read food labels to help me choose foods with less added salt (sodium).
	Remove the salt shaker from the diner table.
	If I drink alcohol, limit the amount I drink to no more than 1 drink per day (if a woman) or 2 drinks per day (if a man).
	Ask my family and friends for support.
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Color Legend:

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Red is high/abnormal for this test
Dark Red is extreme high risk for this test

^{*}If you have diabetes or kidney disease, your goal blood pressure should be lower

ACTION PLAN - Lose Weight Name: John Doe Date: 8/5/2015 **Date of Birth:** 2/13/1953 **Summary - Weight Status** Range for normal weight (based on your height of 72"): 136 - 184 pounds My current weight: 219 pounds A realistic goal weight for me is: pounds (consult with your healthcare provider to set your target weight.) My waist-hip ratio: 0.95 Goal: Less than 0.95 for Male 40" My waist circumference: Goal: Male: less than 40"; Female: less than 35" **Actions To Lose Weight** Being overweight increases your risk for heart disease, stroke, diabetes, high blood pressure, high blood cholesterol, certain types of cancer and many other health problems. If you have too much body fat, especially around your waist, you are at higher risk for heart problems. To lose weight, you must take in fewer calories than you use up through normal body functions and physical activity. The best approach to losing weight is the right combination of healthy eating and physical activity. Consider starting with an initial goal of losing about 10 percent of your body weight. The key is developing healthy habits that will help you keep the weight off throughout your life. My Personal Action Plan Put a check next to each item that you want to commit to do. Select those that will work best for you, or write down some of your own. Set a realistic target weight with my healthcare provider & plan regular follow-up visits to track my progress. Start a weight-loss journal keeping track of what I eat and my physical activity. Substitute lower-calorie foods for some of my high-calorie favorites. Create menu plans that will help me count calories. Cut back beverages and foods high in calories and low in nutrition, such as soft drinks and foods with added sugar. Prepare meals that are low in saturated fat, trans fat and cholesterol. Eat smaller portions than what I currently eat. For meat, chicken and fish, keep portions the size of a deck of cards. П Don't eat when I'm not hungry. Join a weight-loss program that's been shown to be safe and successful. П Increase my physical activity. Make a list of aerobic activities that I like. Ask my family and friends for support.

Color Legend:Black is normal range for this test

Green is borderline/intermediate range for this test Red is high/abnormal for this test Dark Red is extreme high risk for this test

AC ⁻	TION P	LAN - Stop Smoking				
Name Date	e: of Birth:	John Doe 2/13/1953		Date:	8/5/2015	
			Summary - Smoking Status			
Goal:	:		Quit Smoking			
My sı	moking sta	itus:	Currently uses tobacco products			
I will	plan to qu	it smoking within:		_days / mo	nths	
			Actions To Stop Smoking			
hours	of your last		one it, and you can too. Quitting will benefit your heaneal. The levels of carbon monoxide and nicotine in arette smoke.			
	ing, your r		2 to 4 times that of non-smokers. The good new drops by 50 percent. After 15 years, your risk is			
You've	e made the	right decision! The key to quit	ing smoking is being motivated and getting the supp	oort you need	ı.	
			My Personal Action Plan			
			ck next to each item that you want to commit			
		Select those th	at will work best for you, or write down some o	f your own.		
	Set a quit	t date and stick to it.				
	Choose a	method for quitting smoki	ng.			
	Keep a di	ary of my smoking habits. \	Vrite down the time of day, what I was doing a	nd how I fel	t each time I smoked.	
		I need to use some type of Irawals while I'm quitting.	nicotine replacement therapy, such as a nicotin	ne patch or	gum, to help me deal with	
	Talk to m	y doctor about prescription	medicines to help me stop smoking.	111	PADA CONTRACTOR	
	Find out	about local support groups	or programs that help people stop smoking.	ສູນ <u>ແ</u> ລ້າ	ปากเหม็น - เมลาสมาร์การเลก	
✓	Talk to m	y doctor about prescription	medicines to help me stop smoking.	บหรื	เล็กบุทธีโกร.1600	
	Find othe	er things that give me pleas	ure that can take the place of smoking.		II GOLD II	
	If I slip, d	on't give up, but get back o	n track.	Ma	rlboro Marlboro	
	Ask my fa	amily and friends for suppo	t.	_ A	sian Cigarette Packets	
	List the t	hings or situations that usua	ally cause me to smoke and plan ways to deal w	vith my urge	25.	
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ACTION PLAN - Increase Physical Activity Name: John Doe Date: 8/5/2015 Date of Birth: 2/13/1953 **Summary - Exercise Levels** Ideal physical activity level: At least 30 minutes a day on most or all days times per week for minutes My current physical activity level: times per week for _____ minutes A realistic goal for me is to be active: **Actions To Increase My Physical Activity** People who do not get much physical activity have an increased risk for heart disease. Regular physical activity has many benefits such as helping people to quit smoking, lose weight, reduce stress, lower blood pressure and increase HDL (good) cholesterol. During aerobic physical activity - activities that use the large muscles of the legs and arms - on most days of the week for 30 to 60 minutes helps your heart work more efficiently. It's important to talk to your doctor before beginning or changing an exercise program. **My Personal Action Plan** Put a check next to each item that you want to commit to do. Select those that will work best for you, or write down some of your own. Make a list of physical activities I like and talk to my doctor about a physical activity plan that's best for me. Start slowly, building up to at least 30 minutes a day on all or most days of the week. Start a regular walking program with a goal of working up to 10,000 or more steps a day. To reduce boredom, switch between different types of activities. Keep a physical activity log. Join an exercise group or find a "workout buddy" to help keep me motivated. \Box Take the stairs instead of riding the elevator. Work out with an exercise video. Take a dance class with a friend or spouse. Ask my family and friends for support. \Box