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PE 102 - Fitness Exercises (LM2) Cheat Sheet by mr.medcraig via cheatography.com/146306/cs/31621/

(cont)

Module 2: Benefits of Physical Activity

3.1 Hypokinetic Diseases and Conditions - It describes many of the diseases and conditions associated with inactivity and poor fitness. Health problems brought about by lack of exercise have increased.

5			,		0	
1. Cardiovascular	Coronary artery	cut off. Important Blood pressure - the force of	cut off.		as cancer. Cancer's uncont-	
Diseases	disease is a			rolled cells invade normal cells,		
Two kinds of <i>risk</i>	cardiovascular	terms	terms blood against your artery walls. Systolic blood pressure - The		steal their nutrition, and interfere	
actors exist: primary	disease that is				with the cells' normal functions.	
most important) and	the number one		pressure in your arteries	3. Diabetes	When a person's body cannot	
econdary (less	cause of early		immediately after the heart		regulate sugar levels.	
nportant). Sedentary,	death. Coronary		beats. The one that gets the	Types of Diabetes Type I - is not a hypokinetic condition. This		
or inactive, living is one	artery disease		higher readings.			
<i>primary risk factor</i> , so	exists when the		Diastolic blood pressure - the	condition is often hereditary and accounts		
ardiovascular disease	arteries in your		lower of the two numbers and is	for about 10% of all diabetics. Type II - most common kind of diabetes.		
s considered a hypoki-	heart are		the pressure in the artery just			
etic condition	clogged.		before the next beat of the	This is a l	nypokinetic condition because	
Secondary risk factors	Clogging of the		heart.	people wh	no are physically active are less	
nclude stressful living	arteries is called	High blood pressure is sometimes referred	likely to have it. Overfatness is considered			
and excessive alcohol	atherosclerosis.	to as <i>hype</i>	ertension. It is the condition in	to be a major risk factor for Type II		
ISE.	It occurs when	which bloc	which blood pressure is consistently higher		diabetes.	
	substances	than norm	al.	4.	A condition in which a person	
	including fats,	Normal - <	:120/<180	Obesity	has a high percentage of body	
	such as choles-	Prehyperte	ension - 120-139/80-89	0.200m.j	fat. Often is the result of inacti-	
	terol, build up on	Prehypertension is a new category that has			vity, although many other	
	the inside walls.		ntly added. People in this range		factors may contribute.	
a. Heart attack	Occurs when the		er than normal blood pressure			
	blood supply into	-	d start to take precautions to			
	or within the		gher blood pressure.			
	heart is severely					
	reduced or cut					
	off. As a result,					
	an area of the					
	heart muscle can					
	die. During a					
	heart attack, the					
	heart may beat					
	abnormally or					
	even stop					
	beating.					

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Module 2: Benefits of Physical Activity Module 2: Benefits of Physical Activity (cont)

2.

Cancer

More than 100 different

uncontrollable growth of

diseases characterized by the

abnormal cells are categorized

b. Stroke	It is the third leading cause of death and occurs when the oxygen in the blood supply to the brain is severely reduced or cut off.			
Important terms	Blood pressure - the force of blood against your artery walls. Systolic blood pressure - The pressure in your arteries immediately after the heart beats. The one that gets the higher readings. Diastolic blood pressure - the lower of the two numbers and is the pressure in the artery just before the next beat of the heart.			
High blood pressure is sometimes referred to as <i>hypertension</i> . It is the condition in which blood pressure is consistently higher than normal. Normal - <120/<180 Prehypertension - 120-139/80-89				
Prehypertension is a new category that has				

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Module 2: Benefits of Physical Activity (cont)

5.	When the structure of the bones	
Osteo	deteriorates and the bones	
porosis	become weak. Lack of calcium in	
	the diet, especially when a person	
	is young, contributes to osteop-	
	orosis.	

Physical Activity Wellness

Physical activity plays an important role in the prevention of hypokinetic diseases and conditions. Therefore, physical activity is important to good health.

- Benefits:
 1. Improved sense of well-being and functioning

 2. Looking your best
 3. Enjoying leisure activities
 - 4. Wellness and physical activity
 - 5. Work efficiency
 - 6. Opportunity for social interaction
 - 7. Ability to meet emergencies

Hyperkinetic Conditions

People experience *hyperkinetic conditions* health problems caused by doing too much physical activity.

 Occur when you do so much physical activity that your bones, muscles, or other tissues are damaged. It is easy to see that overuse injuries for example, stress fractures, shin splints, and blisters are a type of hyperkinetic condition.

Hyperkinetic Conditions (cont)

2. Activity Neurosis	Neurosis is a condition that occurs when a person is overly concerned or fearful about something. People with activity neurosis are overly concerned about getting enough exercise and are upset if they miss a regular workout.
3. Body Image Disorder	This disorder occurs when a person tries to achieve an ideal body by doing excessive exercise. The ideal body is unrealistic and distorted.
4. Eating Disorder	Several kinds of eating disorders result from an extreme desire to be abnormally thin. People with these conditions have dangerous eating habits and often resort to excessive activity to expend calories for fat loss.

3.2 Healthy Back and Good Posture

Back Problems Backache is considered a hypokinetic condition because weak and short muscles are linked to some types of back problems. Poor posture also is associated with muscles that are not strong or long enough.

Lordosis, which is too much arch in the lower back. Lordosis, also called swayback, results when the abdominal muscles are weak and the hip flexor muscles (iliopsoas) are too strong and too short. Lordosis is a problem that can lead to backache.

3.2 Healthy Back and Good Posture (cont)

Posture Problems		
Ptosis (Protr- uding abdome- n/Dist- ended Stomach)	A distended stomach is a term usually used to refer to distension or swelling of the abdomen and not of the stomach itself.	
Kyphosis (Rounded back and shoulders)	An exaggerated, forward rounding of the back. It can occur at any age but is most common in older women. Severe kyphosis can cause pain and be disfiguring.	
Back and Posture Improv- ement and Mainte- nance	 Use the large muscles of the body when lifting. When lifting, keep your weight (hips) low. Divide a load to make it easier to carry. Avoid twisting while lifting. Push or pull heavy objects rather than lift them. Avoid a bent-over position when sitting, standing, or lifting. 	

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