Muscle Introduction Notes *(Attach to ISN-61) **MMHS Anatomy and Physiology**

Consuel Changetowisting	3. Cardiac or Myocardium
General Characteristics	• Found only intissue.
• muscles in the human body	with 1 nucleus and
Muscles makes up% of the body weig	ght
main types that make up the human body	 Involuntary (about beats/day
• Viewed as "" of the l	Pacemakers (SA node of right
 Prefixes associated with muscles 	artificially controls the
myo- and mys- = ""	the heart.
Sarco = "	VII 10411V
Globin = ""	
Muscle Properties	
Muscles can only or sho	orten.
Muscles can't, they only	
Muscle occur in pairs.	,
Prime Mover: causes the	movement.
Antagonist: or	
Example: Prime mover is theand	
→Body building adds very little new	
The 3 Types of Muscle (SKELETAL, SMOOTH, AND	CARDIAC)
1. Skeletal or Striated Muscle	Children
	with many nuclei (=multinucleate)
	d(shiver) movement.
Tendons attach muscle to bone at 2 points.	(sinver) movement.
a. Origin: mu	uscle point (anchor)
b. <u>Insertion:</u> attach	
Skeletal Muscles occur in pairs that have opposin	
a. Flexors: decrease the	
b. Extensors: the	• •
	and the <i>triceps brachii</i> is the
Skeletal Muscle Properties	
4 Main Properties of Skeletal Muscles	1
1: shorten with	
2 will return t	
3: responds to	
4 : can be	·
2. Smooth Muscle	
• with 1 nucle	eus (uninucleate)
• UnderMovem	
• Located in, urinary	
	mic, synchronized of smooth muscle.

[Three Types of Muscle Continued...]