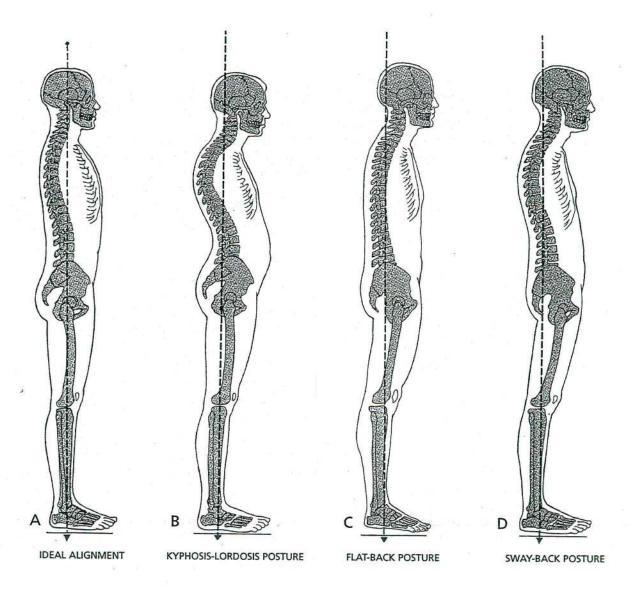
FOUR TYPES OF POSTURAL ALIGNMENT

REPRINTED WITH PERMISSION FROM MUSCLES, TESTING AND FUNCTION 4TH EDITION, WRITTEN BY FLORENCE PETERSON KENDALL, P.T. F.A.P.T.A., EDITOR: JOHN P. BUTLER, © 1993 WILLIAMS & WILKINS



PART 1: Color in the pictures and the table below showing the short/strong muscles in red and the long/weak in blue.

Kyphosis-Lordosis	Flat-Back	Sway-Back
Neck Extensors	Neck Extensors	Neck Extensors
Neck Flexors	Neck Flexors	Neck Flexors
Erector Spinae	Erector Spinae	Erector Spinae
(thoracic area)	(thoracic area)	(thoracic area)
Erector Spinae &	Erector Spinae &	Erector Spinae &
Quadratus Lumborum	Quadratus Lumborum	Quadratus Lumborum
(lumbar area)	(lumbar area)	
External Oblique	Abdominal Muscles	External Oblique
Rectus Abdominis		Internal Oblique
(upper fibers)		(upper fibers)
Hip Flexors	One Joint Hip Flexors	One Joint Hip Flexors
Hamstrings	Hamstrings	Hamstrings
	Glutes	Glutes

TYPES OF POSTURAL ALIGNMENT - PART 2

Review the short/strong and long/weak muscles for the 3 postural types in part 1 of this assignment. List 10 exercises or modifications that would work for each posture type. Be sure to take into account what you learned about a balanced workout, when reviewing the Programming in General section (page 20) of your Support Materials manual.

Kyphosis-Lordosis:			
Flat-Back:			
Sway-Back:			