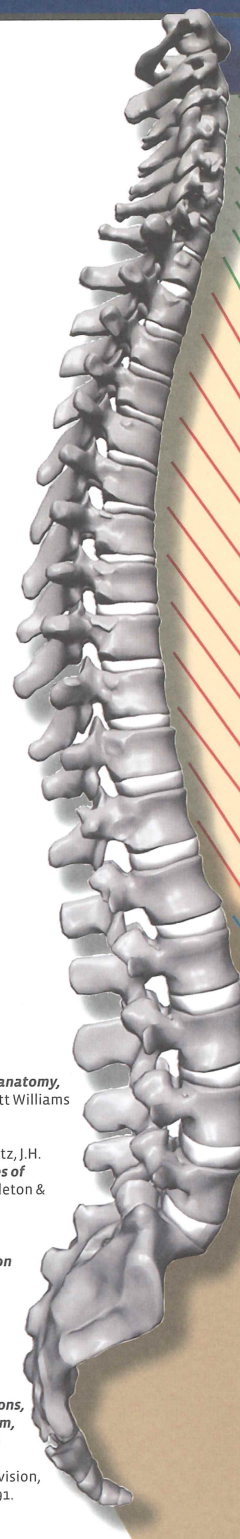


Spinal Nerve Function

Every Cell of Your Body Has a Nerve Component



VERTEBRAL LEVEL	NERVE ROOT*	INNERVATION	POSSIBLE SYMPTOMS
C1	C1	• Intracranial Blood Vessels	<ul style="list-style-type: none"> • Headaches • Migraine Headaches • Dizziness • Sinus Problems • Allergies • Head Colds • Fatigue • Vision Problems • Runny Nose • Sore Throat • Stiff Neck • Cough • Croup • Arm Pain • Hand and Finger Numbness or Tingling • Asthma • Heart Conditions • High Blood Pressure
C2	C2	• Eyes • Lacrimal Gland	
C3	C3	• Parotid Gland • Scalp	
C4	C4	• Base of Skull • Neck Muscles	
C5	C5	• Diaphragm	
C6	C6	• Neck Muscles • Shoulders	
C7	C7	• Elbows • Arms • Wrists	
C8	C8	• Hands • Fingers • Esophagus • Heart • Lungs • Chest	
T1	T1	• Arms • Esophagus	<ul style="list-style-type: none"> • Wrist, Hand and Finger Numbness or Pain • Middle Back Pain • Congestion • Difficulty Breathing • Asthma • High Blood Pressure • Heart Conditions • Bronchitis • Pneumonia • Gallbladder Conditions • Jaundice • Liver Conditions • Stomach Problems • Ulcers • Gastritis • Kidney Problems
T2	T2	• Heart • Lungs • Chest	
T3	T3	• Larynx • Trachea	
T4	T4		
T5	T5	• Gallbladder • Liver	
T6	T6	• Diaphragm • Stomach	
T7	T7	• Pancreas • Spleen	
T8	T8	• Kidneys • Small Intestine	
T9	T9	• Appendix • Adrenals	
T10	T10		
T11	T11	• Small Intestine • Colon • Uterus	
T12	T12	• Uterus • Colon • Buttocks	
L1	L1	• Large Intestine	<ul style="list-style-type: none"> • Constipation • Colitis • Diarrhea • Gas Pain • Irritable Bowel • Bladder Problems • Low Back Pain • Pain or Numbness in Legs • Menstrual Problems
L2	L2	• Buttocks • Groin	
L3	L3	• Reproductive Organs	
L4	L4	• Colon • Thighs • Knees	
L5	L5	• Legs • Feet	
	SACRAL	<ul style="list-style-type: none"> • Buttocks • Bladder • Prostate Gland • Legs • Ankles • Feet • Toes • Reproductive Organs 	<ul style="list-style-type: none"> • Constipation • Diarrhea • Menstrual Problems • Lower Back Pain • Bladder Problems • Pain or Numbness in Legs

REFERENCES:
Fix, J. D., PhD, *Neuroanatomy, 3rd Edition*, Lippincott Williams & Wilkins, 2002.

Kandel, E.R., Schwartz, J.H. Jessell, TM, *Principles of Neural Science*, Appleton & Lange, 1991.

Hoppenfeld, S. M.D. *Physical Examination of the Spine and Extremities*, Appleton-Century-Crofts, 1976.

Netter, F.H., MD, *The Ciba Collection of Medical Illustrations, Vol 1, Nervous System, Part I, Anatomy and Physiology*, Ciba Pharmaceuticals Division, Ciba-Geigy Corp, 1991.

Your nervous system is an extensive network that channels nerve impulses from your brain to virtually every cell that makes up your body.

This chart shows some of the integral relationships between the spine, nervous system, and body. For simplicity, this chart does not reflect all the structures or paths utilized in nerve transmission. *In some cases, nerve roots innervate other structures, such as nerve plexuses and ganglia which in turn supply innervations to specific body parts. If you have questions, please ask your doctor of chiropractic.

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