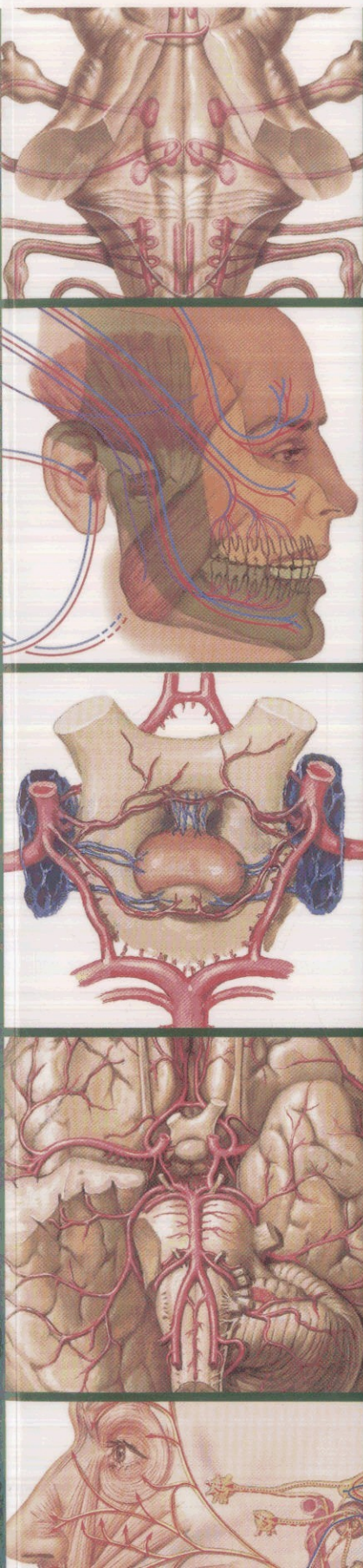


Student | **CONSULT**

Activate at studentconsult.com

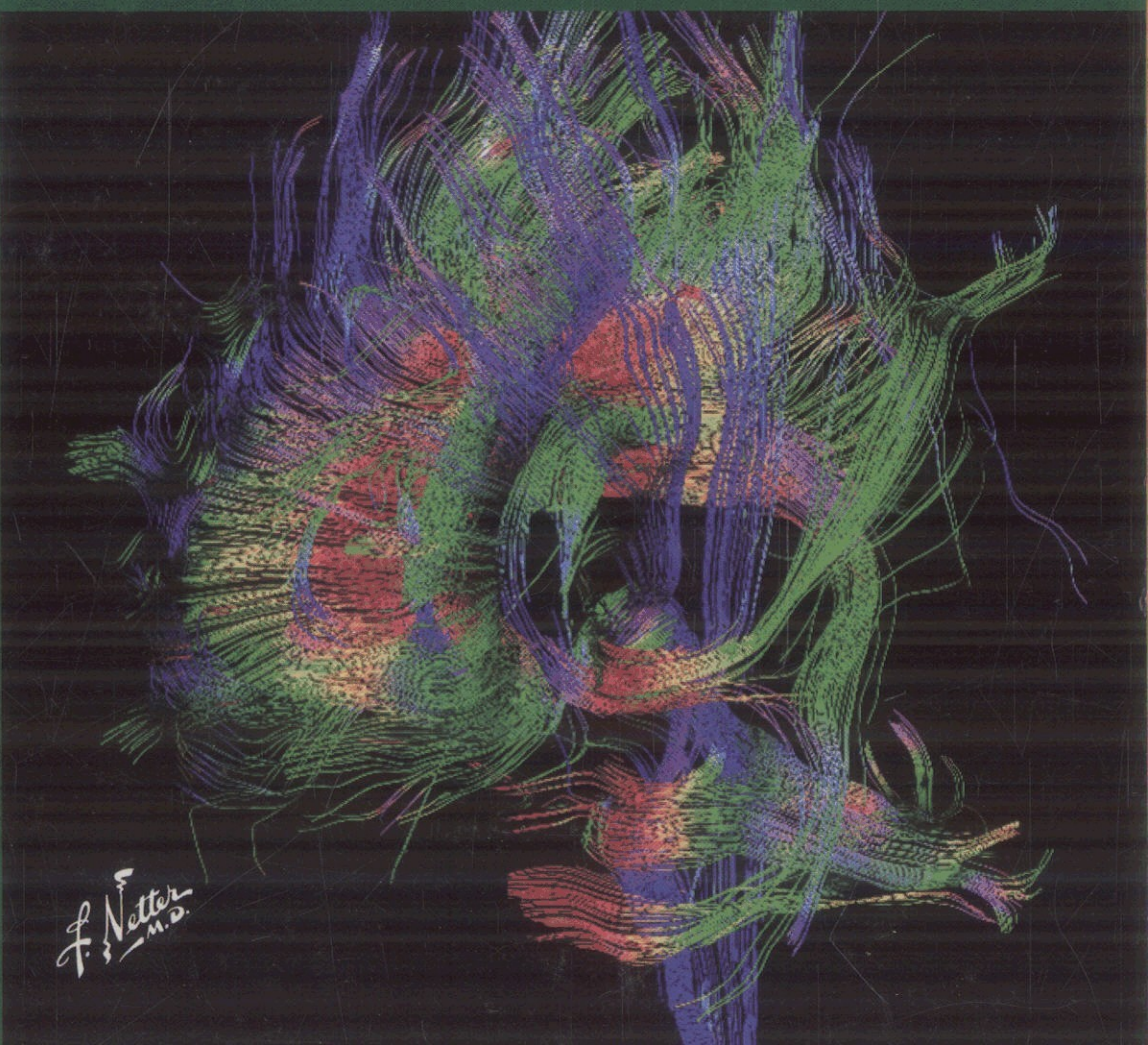
**Searchable Full
Text Online**

2nd Edition



NETTER'S ATLAS OF NEUROSCIENCE

DAVID L. FELTEN • ANIL N. SHETTY



*F. Netter
M.D.*

CONTENTS

Section I: **OVERVIEW OF THE NERVOUS SYSTEM**

1 Neurons and Their Properties	3
Anatomical Properties	4
Neurotransmission	13
Electrical Properties	15
2 Skull and Meninges	27
3 Brain	33
4 Brain Stem and Cerebellum	53
5 Spinal Cord	59
6 Ventricles and the Cerebrospinal Fluid	67
7 Vasculature	75
Arterial System	76
Venous System	96
8 Developmental Neuroscience	105

Section II: **REGIONAL NEUROSCIENCE**

9 Peripheral Nervous System	135
Introduction and Basic Organization	136
Somatic Nervous System	150
Autonomic Nervous System	172
10 Spinal Cord	207
11 Brain Stem and Cerebellum	219
Brain Stem Cross-Sectional Anatomy	220
Cranial Nerves and Cranial Nerve Nuclei	234
Reticular Formation	251
Cerebellum	255
12 Diencephalon	259
13 Telencephalon	265

Section III: **SYSTEMIC NEUROSCIENCE**

14 Sensory Systems	323
Somatosensory Systems	324
Trigeminal Sensory System	333
Sensory System for Taste	334
Auditory System	336
Vestibular System	343
Visual System	346
15 Motor Systems	357
Lower Motor Neurons	358
Upper Motor Neurons	361
Cerebellum	375
Basal Ganglia	382
16 Autonomic-Hypothalamic-Limbic Systems	387
Autonomic Nervous System	389
Hypothalamus and Pituitary	390
Limbic System	413
Olfactory System	422
Index	425