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Descrizione fisica	1 online resource (xvi, 417 pages) : illustrations (some color)
Collana	Handbook of clinical neurology ; ; 3rd series, volume 117
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Soggetti	Autonomic nervous system - Diseases Llibres electrònics
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The autonomic nervous system; what do we miss? -- Differential responses of components of the autonomic nervous system -- Cotransmission in the autonomic nervous system -- Sensitization of endocrine organs to anterior pituitary hormones by the autonomic nervous system -- Central control of autonomic function and involvement in neurodegenerative disorders -- Interaction between cognition, emotion and the autonomic nervous system -- Interoception and ANS reflexes thermoregulation -- Regulation of blood pressure by the arterial baroreflex and autonomic nervous system -- Cooling, pain and other feelings from the body in relation to the autonomic nervous system -- The neurological organization of micturition -- The clinical importance of the anti-inflammatory vago-vagal reflex -- The role of the autonomic nervous system in cardiac arrhythmias -- Exercise and the autonomic nervous system -- Autonomic control of bone formation: its clinical relevance -- The circadian system and the balance of the autonomic nervous system -- Autonomic nervous system control of the cerebral circulation -- Autonomic regulation of kidney function -- Autonomic neural control of the airways -- Multiple system atrophy -- Pure autonomic failure -- Autonomic dysfunction in Parkinson disease -- Diabetic autonomic neuropathy -- Hypoglycemia-associated autonomic failure in diabetes -- Sensory-autonomic interactions in health and disease -- Autoimmune autonomic failure -- The central sympathetic nervous system in hypertension -- Pathology

	of emesis: its autonomic basis -- Sympathetic microneurography -- Sympathetic neuroimaging -- Skin biopsies in the assessment of the autonomic nervous system -- Heart rate variability -- Chronic activation of the baroreflex and the promise for hypertension therapy.
Sommario/riassunto	Autonomic Nervous System provides an introduction to the latest science and detailed chapters on advances in the clinical diagnosis and treatment of autonomic system disorders. The autonomic nervous system controls all involuntary actions within the human nervous system. Core body functions regulated by the autonomic system include breathing, heartbeat, blood pressure, body temperature, perspiration, and bowel, bladder and sexual function. Our understanding of the neurotransmitters associated with the autonomic nervous system has expanded over the past 15 years associated with current resea