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Cardiovascular System-Related Diseases; TRPV1 and Metabolic Diseases; TRPV1 and Other Disease Conditions; Conclusions; Acknowledgment; References; Chapter 4: TRP Gene Polymorphism and Disease Risk; TRP Gene Polymorphism; TRPA1 ; The TRPC Subfamily; The TRPM Subfamily; The TRPML Subfamily; The TRPV Subfamily; Disease Risk, Clinical Diagnosis, and Personalized Medicine; References; Chapter 5: Use of Topical Capsaicin for Pain Relief; Introduction; Pharmacodynamics
PharmacokineticsEfficacy and Therapeutic Uses; Postherpetic Neuralgia; HIV -Associated Distal Sensory Polyneuropathy; Other Neuropathic Pain States; Safety and Tolerability; Delivery of Treatment with Capsaicin 8% Patch-Practical Aspects; Application Procedure for the Capsaicin 8% Patch; Postprocedural Instructions for Patients; References; Chapter 6: TRPV1 Agonist Cytotoxicity for Chronic Pain Relief: From Mechanistic Understanding to Clinical Application; Introduction; Mechanisms of TRPV1 Agonist Therapeutic Action; Four Main Determinants of TRPV1 Agonist Actions
Selectivity of RTX at the Cellular LevelRTX Produces a Prolonged Channel Open Time; TRPV1 Is Selectively Expressed in Subpopulations of DRG Neurons; RTX Is Administered Locally; Companion Dog and Human Studies; Companion (Pet) Dog Models of Chronic Pain; TRPV1 Agonists in the Companion Dog Model of Bone Cancer; TRPV1 Agonists in the Companion Dog Model of Osteoarthritis; Human Studies; References; Chapter 7: Intravesical Capsaicin and Resiniferatoxin for Bladder Disorders; Capsaicin and Resiniferatoxin Targets and Effects in the Urinary Bladder
The Rationale for Using Vanilloids to Overcome Lower Urinary Tract Symptoms
