Chapter 1:A Brief History of Mountain Medicine, *George Rodway*
Chapter 2:Remote Medical Care, *Jason D. Williams and David C. Weber*
Chapter 3:High Altitude Illness: The Essentials From Pathophysiology to Treatment, *George Rodway and Scott McIntosh*
Chapter 4:Medical Problems in the Mountain Environment, *Jennifer Dow*
Chapter 5:Trauma in the Mountains, *Timothy R. Hurtado*
Chapter 6:Avalanche Medical Physiology and Victim Management, *Hermann Brugger and Peter Paal*
Chapter 7:Pre-Existing Medical Conditions in the Mountain Environment, *Ryan Paterson*
Chapter 8:Pre-Assessment of the Mountain Traveler, *Jeremy S. Windsor and George Rodway*
Chapter 9:Eye Emergencies, *Geoffrey Tabin, Benjamin J. Thomas, Ryan Constantine, and Ian J. McClain*
Chapter 10:Hypothermia and Cold Injuries, *Katie Russell*
Chapter 11:Heat-Related Illness, *Emily Sagalyn and Arthur A. Islas*
Chapter 12:Medical Professional Roles in Search and Rescue, *William 'Will' R. Smith and Albert R. Wheeler III*
Chapter 13:Mountain Medical Kits, *Aaron Reilly and Nicholas Kanaan*
Chapter 14:Legal Aspects of Mountain Medicine, *James H. (Jim) Moss*
Chapter 15:Search and Rescue Systems, *J. Pearce Beissinger and David C. Weber*
Chapter 16:Mountain Environments, *Marco Johnson*
Chapter 17:Introduction to the Incident Command System, *Jennifer Dow*
Chapter 18:Leadership and Communication, *Matthew Kirby*
Chapter 19:Readiness, *Maura J. Longden*
Chapter 20:Human Factors in Search and Rescue, *James Thacker*
Chapter 21:Rescue Awareness, *Steve Achelis and Andy Rich*
Chapter 22:Mobilization, *Ken Phillips*
Chapter 23:Technical Travel, *Marco Johnson and Nate Furman*
Chapter 24:Mechanized Transport, *Ken Phillips*
Chapter 25:Search, *Albert R. Wheeler, III, Alex Norton, Nicholas Armitage, and Chris Bellino*
Chapter 26:Evacuation, *Andy Anderson*
Chapter 27:Mission Completion, *Tod Schimelpfenig*
Chapter 28:Rescue Equipment, *Albert R. Wheeler, III, and David C. Weber*
Chapter 29:Rope Rescue System Principles, *Andy Rich and Tom Wood*
Chapter 30:Large Team Rope Rescue, *Justin Michael Wheaton and Craig McClure*
Chapter 31:Small Team Rescue, *Tom Evans and Andy Rich*
Chapter 32:Alpine Rescue, *Jared Vilhauer*
Chapter 33:Avalanche Rescue, *Jake Hutchinson*
Chapter 34:River Rescue, *Matt Haberman, Hannah Loewenberg and Nate Ostis*