

1. Record Nr.	UNINA9910847576003321
Autore	Verma Subhash
Titolo	Core Competencies of a Veterinary Graduate // by Subhash Verma, Yashpal Singh Malik, Geetanjali Singh, Prasenjit Dhar, Amit Kumar Singla
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9704-33-2
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (309 pages)
Disciplina	636.089
Soggetti	Veterinary medicine Veterinary microbiology Animal welfare - Moral and ethical aspects Veterinary Science Veterinary Microbiology Animal Ethics Veterinary Clinical Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Organisation of Veterinary, Animal Husbandry & Allied Services -- 2. Professional Behaviour and Ethical Standards in Veterinary Practice -- 3. Basic Comprehension of different aspects of Veterinary Anatomy, Physiology, Biochemistry & normal metabolic processes -- 4. Core aspects of Livestock Production Management and Animal Husbandry (including pets, birds & wildlife) -- 5. Basic Concepts in Animal Nutrition and Breeding -- 6. Essential competencies in Pharmacology, Toxicology & Pathology -- 7. Comprehensive knowledge of non-infectious diseases of livestock including pets, birds and wildlife -- 8. Comprehensive knowledge about major infectious diseases of livestock, poultry, pets and wildlife species -- 9. Aseptic Collection, Preservation & Dispatch of Samples from Diseased Animals -- 10. Key Concepts and Principles of Epidemiology, Prevention and Control of Animal Diseases -- 11. Various concepts of Zoonoses and Public Health including Safe Food Production & Food Hygiene -- 12. Veterinary drugs & biologicals, their prescription, dispensation & drug resistance issues -- 13. Various

Aspects of Veterinary Clinical Reasoning, Economics, Health informatics & Telemedicine -- 14. Common Diagnostic, Therapeutic & Surgical Approaches Pain Management, Euthanasia in Veterinary Clinical Practice Clinical Emergency & Critical Care Assisted Reproductive Technologies -- 15. Establishment & Management of Companion Animal Clinical Practice -- 16. Risk identification, analysis and management 17. Estimation of age & dentition in important livestock species and pets Anti-mortem and Post-mortem examination General and Special certifications -- 18. Resilience in Veterinary Profession -- 19. Implications of Climate Change on Animals Concept of the One Health Approach -- 20. Importance of Harnessing & Integrating Current Scientific Insights into Veterinary Practice -- 21. International Trade and Regulations in Animals and Animal Products: The Vital Role of Veterinarians -- 22. Key Elements: Communication, Organizational Competence, and SWOT Analysis.

Sommario/riassunto

This book is an essential guide for veterinarians, veterinary faculty and policymakers for understanding the core competencies of a fresh veterinarian. The book briefly covers competencies in preclinical, paraclinical, and clinical subjects including anatomy, physiology, biochemistry, veterinary jurisprudence, animal management & welfare including nutrition and breeding, infectious and non-infectious diseases, disease epidemiology, diagnosis, and treatment, prevention, control and zoonoses, surgical and other clinical interventions. The book further includes other competencies, including biologicals, anti-mortem, and post-mortem inspection, certifications, applied one health aspects, review and analysis of scientific evidence, international trade and regulations, and organization of veterinary services. It also highlights the importance of effective communication, interpersonal skills, record keeping and management of a small veterinary hospital, health informatics, etc. The book breaks down the must-have competencies of a global veterinarian into different topics and subtopics for easy comprehension and further learning. It enables the professional standard-setting & regulatory bodies and academicians in improved curricula designing and implementation and more importantly tries to bring uniformity in day one veterinary graduates' competencies globally, enhancing the movement and employability of veterinarians across the world.
