

Features:

- Discusses clinical diseases of dogs and cats including those that impact major systems in the body, specimen collection, clinical examination, diagnosis, and medical interventions
- Covers the etiology and epidemiology, physical examination abnormalities, pathogenesis, clinical signs, diagnosis, treatment and prognosis, immunity and vaccination, and prevention of infectious diseases
- Explores advances in diagnosis and treatment including molecular diagnostic techniques and therapies

Περιεχόμενα:

Contributors
Preface
Acknowledgments

Section A
Introduction of diseases

1. General aspects of introduction to diseases, diagnosis, and management of dogs and cats
Ranbir Singh Jatav, Aditya Pratap, Nitin Vaishnav, and Neha Sharma

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 - 2.5 Diseases of urinary system
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 - 2.16 Hereditary diseases in dogs and cats

2. Biological system of dogs and cats and its clinical management
Avnish Kumar Gautam, Manoj Kumar Sinha, Sanjay Kumar Bharti, and Anil Kumar

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3. Nutritional strategies of dogs and cats
 Amitava Roy, Abhishek Pathak, Alok Mishra, and Tanmoy Rana

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4. Clinical examination and diagnostic perspectives in dogs and cats
 Manisha Mehra, Omprakash Singh, and Jaykumar Desai

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5. Maintenance of fluids, electrolytes, and acid–base therapy in dogs and cats
Abhishek Pathak, Satya Pal Singh, Raktim Saikia, and Preeti Bisht

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6. Collection, preservation processing, and dispatch of samples for disease diagnosis in dogs and cats
P. Gumasta, R.C. Ghosh, P.M. Sonkusale, and P. Kumar

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7. Necropsy procedure and basic laboratory methods in dogs and cats Sanjiv Kumar

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Section B

Clinical diseases of dogs and cats

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9. Respiratory diseases of dogs and cats

Abhishek Pathak, Varun Asediya, Pranav Anjaria, and Satya Pal Singh

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10. Urinary system diseases of dogs and cats
Ramesh Putchakayala and Haritha G S

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11. Diseases of the reproductive system of male dogs and cats
Ashok Kumar Chaudhary, Govind Narayan Purohit, Sunita Choudhary, and Hemlata

1. Diseases of testes and epididymis
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Ahmed Abd El-Fattah Daha

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15. Diseases of endocrine system in dogs and cats
Ambica Gadige, Aruna Maramulla, Mohanambal Kaliyan, Anil Kumar Banothu, and Satish Kumar Karlapudi

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16. Diseases of the nervous system of dogs and cats
 G.K. Chetan Kumar, A. Ashwini, C Sunita, and R.S. Sagar

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17. Diseases of integument system of dogs and cats
 Mahmuda Malik, Chandra Prakash Dixit, Jove Jacob, and Sushanta Goswami

18. Gastrointestinal disorders of dogs and cats

Justin Davis Kollannur, A. Javed Jameel, and Sunitha Choudhary

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19. Ocular manifestation of infectious and noninfectious disease of dogs and cats

Burhan Nabi, Jehanzeb Yousuf, S.R. Upadhyay, and Rajiv Singh

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20. Diseases of ear in dogs and cats

Ambica Gadige, Srujan Racharla, Lokesh Lella, and Anil Kumar Banothu

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21. Overview on diseases of blood and hematopoietic system in dogs and cats
K. Karthika and S. Poobitha

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K. Karthika and P.K. Ramkumar

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23. Geriatric diseases of dogs and cats
Abhishek Pathak, Varun Asediya, Pranav Anjaria, and Satya Pal Singh

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12.2 Hormonal changes
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24. Neoplasms in dog and cat
Devendra Kumar Gupta, Randhir Singh, Nidhi Gupta, and Kshemankar Shrman

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25. Diseases of hepatobiliary system of dogs and cats
M. Saravanan and P.K. Ramkumar

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26. Common toxicological phenomenon in dogs and cats
Rashmi Rajashekaraiah and U. Sunilchandra

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8. Ethanol
9. Grapes and Raisins
10. Homemade and commercial play dough
11. Honey bees, wasps, and hornets
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15. Methylxanthines: Caffeine, theobromine, theophylline
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18. Organophosphate and carbamate insecticides
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27. Anesthesia and pain management in dogs and cats
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28. Drugs in therapeutic application of dogs and cats
Muhammad Tahir Aleem, Furqan Munir, and Amna Shakoor

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