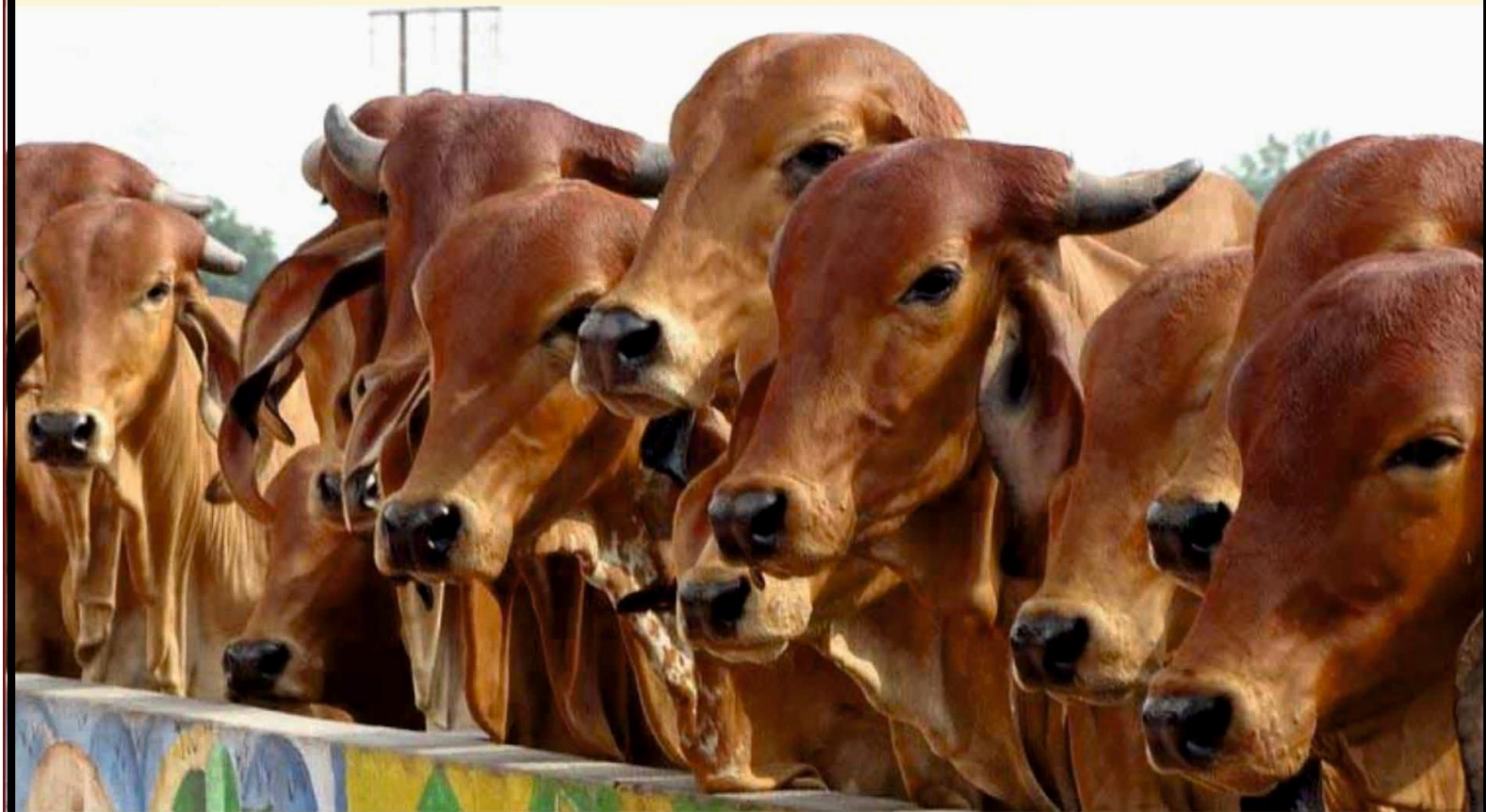


VARIOUS GENITAL TRACT AFFECTIONS IN CATTLE IN RAJASTHAN

Dr. Anita Rathore



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**VARIOUS GENITAL
TRACT AFFECTIONS IN
CATTLE IN RAJASTHAN**

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From Dean's pen

College of Veterinary and Animal Sciences, Navania, Udaipur (RAJUVAS) is one of the prestigious College in Udaipur, Rajasthan concerned with animal welfare activities, animal health and production with areas of education, research and extension. It is dedicated to provide quality education to the aspirants of Veterinary profession. The primary motive of the college is to produce competent Veterinarians who are endowed with skills that would help them fulfill the state's commitment to increase livestock productivity in the state, in particular and in the country, in general and ensure increase farmers' income in years to come. The college thrives to keep in pace with the new developments in science and other contemporary disciplines which are relevant to realize the objectives of the College. The College has well organized departments with qualified faculty and latest laboratory infrastructure suitable for practical training of veterinary professionals.

Veterinary Pathology is an important discipline of Veterinary Sciences for the beginning student in Veterinary Pathology, to introduce new scientific information on mechanisms of general tissue injury into the clinical medicine. Chapters on Occurrence and Pathology of various carcinoma conditions of Uterus and Ovary like Adenomyosis, Granulosa tumor, Foetal Mummification, Persistent Corpus Luteum, Haemorrhagic lesions in Female Genital Tract of Cattle have been reconstructed to this edited book. Animals are the back bone of Agriculture economy of our country. Cattles are prone to various infectious and non-infectious diseases which lead to drop in production and economy. Histomorphological lesions in genital organs with or without apparent gross lesions lead to disturbances in reproductive cycle and disturbed cycle results in a large proportion of failure of conception and are an important cause of sterility. Female genital tract has many diseases,

which are very important clinically as well as pathologically also. In Rajasthan, so far very little efforts have been made to study the etiology, occurrence and pathology of various lesions in genital tract of cattle. Therefore, it becomes pertinent to study the genital tract affections in cattle. So, it is a matter of pleasure that the Department of Veterinary Pathology, College of Veterinary and Animal Science, Navania, Vallabh Nagar, Udaipur, RAJUVAS, Bikaner is going to Publish its “Pathomorphological study of Female Genital Tract in Cattle” as edited book.

The College has made magnificent improvement in infrastructure suitable for focusing on research on the priority areas of animal health and management. All efforts are concentrated in making College of Veterinary Sciences as a Centre of Excellence in Teaching, Research and Extension, as well as in Human Resource Development.

Good Luck to All

Prof. (Dr.) Rajeev Kumar Joshi
DEAN
CVAS, Navania, Udaipur.

PREFACE

I am highly grateful to honorable Vice Chancellor Prof. (Dr.) Satish Kumar Garg RAJUVAS, Bikaner for his constant support and motivation in bringing out this Book.

My sincere thanks to Dr. Sunita Rani, Dr. Hemant Dadhich, Dr. Indu Vyas, Dr. Manisha Mathur Department of Veterinary Pathology, Rajuvas, Bikaner, Dr. Anirudh Khatri Drug Controller Officer, Jodhpur, Dr. Kamal Purohit Department of Veterinary Pathology, CVAS, Navania, Udaipur, Dr. Rohitash Dadhich, Dr. Sarjna Meena, Department of Veterinary Pathology, PGIVER, Jaipur for their valuable suggestions and constant help during the course of study. I am highly grateful to the kindness of Dr. Tribhuvan Sharma, Dr. R. K. Dhuria, Department of Animal Nutrition, Dr. A. P. Singh, Department of Veterinary Medicine, CVAS, Bikaner for providing all the facilities needed and his valuable guidance.

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Dr. Anita Rathore

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About the Author



Dr. Anita Rathore received her B.V.Sc.& A.H.(2007), M.V.Sc.(2010) and Ph.D. (2019) in Veterinary Pathology from Rajasthan University of Veterinary and Animal Sciences, Bikaner, Rajasthan. She started her work as Veterinary Officer in the Department of Animal Husbandry at Sathin, Jodhpur, Rajasthan and Awarded for Animal Conservation and Propagation by Jodhpur District Veterinary Association on World Veterinary Day, 2014. She received Prakash Best Poster Award at VI Convention of Society for Immunology and Immunopathology held at RAJUVAS, Bikaner in 2013. She is currently an Assistant Professor in Department of Veterinary Pathology in CVAS, Navania, Vallabhnagar, Udaipur. She is working as a Cultural Incharge and worked in the Sand dunes international movies. She is a member of the Journal of Veterinary Pathology, Ruminant Science, Veterinary Practitioner, Rajasthan Veterinary Association and Glacier Journal of Scientific Research, Ahmedabad (Gujrat). She has 42 national and international research publications in repute journal, 12 popular article and 16 chapter in different subject. She received National Award of Excellence (Adarsh Vidya Saraswati Rashtriya Puraskar) by Glacier Journal Research Foundation on December 2020, Ahmedabad, Outstanding Woman Researcher Award in Veterinary Pathology by Venus International Foundation on 6th March 2021, Chennai, India Award for outstanding professional work and significant contributions for the advancements of livestock sector in India, Inspiring Lady Veterinarian Award under academia by Pashudhan Praharee in 2022.



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