


	Dr. R.A.Luthra
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Educational Qualifications	<p>1991 Ph.D. Vety. Gynecology & Obstetrics, CVRI, Sofia Bulgaria 1983 M.V.Sc., Vety. Gynecology & Obstetrics , CCS HAU, Hisar 1980 B.V.Sc. & A.H., COVS, CCS HAU, Hisar</p>
Employment Details	<p>Assistant Professor, VGO, Feb, 1983 to May, 1986. DES ,KGK, Rohtak , June, 1986 to Feb, 1991 DES (SS), KGK, Rohtak, Feb, 1991 to Feb, 1994 Assistant Professor (SS) Veterinary Clinics, Feb, 1994 to Feb, 1996 Associate Professor, Veterinary Clinics, Feb, 1996 to, Dec, 1996 Associate Professor, VGO, Dec, 1996 to Feb, 2006 Professor, VGO, Feb, 2006 to Feb, 2011 Professor & Head, VGO, Feb, 2011 to Feb, 2015 Director, IPVS, LUVAS, Hisar, Feb-2014 till date</p>
Research Interests	<ul style="list-style-type: none"> • Obstetrics • Gynecology • Infertility
Membership of scientific societies	<ul style="list-style-type: none"> • Life member Indian Society for the study of Animal Reproduction. • Life member Indian Dairy Association. • Life member Indian Society of Veterinary Surgery.
Selected Publications	<ol style="list-style-type: none"> 1. Baru, P., Khar, S.K., Gupta, RC. and Luthra, R.A (1983) Uterine involution in goats. VMSAC, 1773-76. 2. Luthra, R.A., Khar, S.K. and Singh, K.P. (1994) Estrus induction and synchronization in cows and buffaloes with synthetic prostagens Ind. J. Ani. Sc. 64, (10), 1060-61. 3. Luthra, R.A., Nanda, T., and Khar, S.K., (2001) Therapeutic management of hydro allantois in buffaloes. Intas Polivet 2(1) 24-26. 4. Kumar, R., Kumar, P., Luthra, R.A., Narender and Sharma, A. (2003) Antibio gram of organisms isolated from uterine fluids of clinical cases of Dystocia in buffaloes subjected to caesariotomy. Intas Polivet, 4No.II: 188-191. 5. Singh, H., Luthra, R.A., Khar, R.A. and Nanda, T. (2006) Estrous induction, plasma steroid hormone profile and fertility response after CIRD and eCG treatment in acyclic Sahiwal cows. Asian-Aust. J. Anim. Sci. 19(11). 1566-1573.

Individual Publications

1. Album of photographs of interesting clinical cases. (1997)
2. Hormones and Related substances used in Reproductive disorders. (1999)
3. Manual of Veterinary Ambulatory Clinics. (2000)
4. Internship Manual for Interns. (2001)
5. Manual of Job Oriented Training for Veterinarians. (2002)
6. Practical manual of Veterinary obstetrics. (2002)
7. Compendium Pet Animal Practice 2003
8. Compendium Pet Health Management 2004
9. Practical Manual of Andrology and A.I. 2015

Awards/ Fellowships/Recognition received

- BEST CLINICAL ARTICLE AWARD: Article entitled "Therapeutic Management of Hydroallantois in Buffaloes" published in Intas-Polivet Vol. 2, No. 1 (2001) was Adjudged as the best clinical article and awarded a "Certificate of Honour"
- BEST PAPER OF TECHNICAL SESSION: Article entitled "Histopathological Observations on buffalo uterus affected with uterine torsion" by P.K.Mandal,R.A.Luthra And Suresh Chander; Presented by P.K.Mandal at "National Symposium on Reproductive Techniques for augmentation of fertility in Livestock" held at IVRI,Nov.14-16,(2000),was Adjudged as the best paper in that session.
- BEST RESEARCH ARTICLE AWARD: article entitled "Antibiogram of organisms isolate from uterine fluid of clinical cases of dystocia in buffaloes subjected to caseaiotomy, "published in Intas Polivet, volume 4 (2003) no-II, was judged as the best research article and awarded a certificate of honor.
- RAJENDER PAUL SINGH GOLD MEDAL was awarded to my student Dr.V.K.Munjal for the best M.V.Sc.Thesis.
- LETTER OF APPRECIATION; Received a letter of appreciation from Dean, College of Vety.Sciences on behalf of the Vice-chancellor CCS HAU, Hisar, in response to a news item appeared in the JANSATTA (National Hindi Daily) dated 22.7.95, regarding the delivery of an unusual monster by caesarean section.

Detailed List of Publications

Research Articles

- 1 Baru, P., Khar, S.K., Gupta, RC. and **Luthra,R.A** (1983)Uterine involution in goats.VMISAC, 1773-76.
- 2 **Luthra,R.A.**, Khar, S.K. , Gupta, RC. Barn, P. and Peshin, P.K. (1985) Acid gas and blood gas changes in the foetal kid and amniotic and allantoic fluids. I.J.A.R , 6 (2) 53-56.
- 3 **Luthra,R.A** Gupta, RC. Barn, P AND Krishnaswamy, A. (1985) Concentration of iron and zinc in the cervicovaginal mucus of fertile and repeat breeder cows, I.J.A.R ,6 (2) 26-28.
- 4 Khatri,C.K., Khar, S.K., Jit Singh and **Luthra,R.A.** (1986) Changes in biochemical blood constituents of buffaloes with uterine torsion and the effect of caesarian section and certain post operative therapeutic measures. Arch, Fur Exp. Med. Surgery. 40, May, 3, 461-68.
- 5 Nanda, T., Khar, S.K., and **Luthra,R.A.**, (1986) Clinical and hormonal study in synchronization of estrous in sheep. I.J.A.R 7(2)73-76.
- 6 **Luthra,R.A** Gupta, RC. and Khar, S.K. (1987) Change in the electrolyte composition of caprine foetal fluids during different stages of gestation. Arch, Fur Exp. Med. Surgery. 41, July, 4, 473-78.
- 7 **Luthra,R.A** Gupta, RC. and Khar, S.K. (1987) Variation in the metabolic constituent's of caprine foetal fluids during different stages of gestation. I.J.A.R ,8(2) 133-37.
- 8 **Luthra,R.A.** and Khar, S.K. (1989) Mucometra in crossbred cow- a case report. Ind. Vety. J., 66, 765-66.
- 9 Nanda, T., Khar, S.K. and **Luthra,R.A.** (1990) Plasma progesterone profiles in sheep after induction /synchronization of estrous with intravaginal sponges. I.J.A.R 11(1), 84-90.
- 10 Marinov, M.F. and **Luthra,R.A.**(1991) Studies on regimes of thawing of bovine semen. Veterinarian Sabirka, 3, 210-14. (Bulg).
- 11 Marinov, M.F., **Luthra,R.A.**, Korujiski, N., Nand Salova, Y. (1992) Influence of high environmental temperatures on semen production in bulls. Veterinarian Sabirka, 1, 16-20. (Bulg).
- 12 **Luthra, R. A.**, Marinov, M.F. and Georgiev, S. (1993) Scrotal circumference in relation to semen characteristics of young growing bulls. Ind. J. Ani. Sc. 63, (6), 641-43.
- 13 Marinov, M.F. and **Luthra,R.A.**(1993) Effect of high atmospheric temperature on semen production of year old bulls. Veterinarian Sabirka, 1, 82-84.
- 14 **Luthra,R.A.**, Khar, S.K. and Sing, K.P. (1994) Estrus induction and synchronization in cows and buffaloes with synthetic prostagens Ind. J. Ani. Sc. 64, (10), 1060-61.
- 15 **Luthra,R.A.**, Georgiev, S., Marinov, M.F., and Korujiski, N (1994) A study on fructose and protein concentration in bovine seminal plasma. Ind. JJ Dairy. Sci. XLV, 11 (6),524-26.
- 16 **Luthra,R.A.** and Georgiev, S. (1995) Ascorbic acid in bovine seminal plasma. Ind. Vety. 1., 72, 193-94.
17. **Luthra,R.A.** and Khar, S.K. (1995)Treatment of pyometra with Dinofertin in a crossbred cow- Punjab veterinarian, 2 (2), 53.
18. **Luthra,R.A.** (1995) Sub fertility in a bull bred buffalo herd. Livestock Advisor, 78-80.
19. **Luthra,R.A.** and Marinov, M.F. (1995) Effect of season on the incidence of sperm abnormalities in fresh and frozen semen of Holstein Friesian bulls in Bulgaria. Ind. Vety. J., 72, 244-46.
20. **Luthra,R.A.** and Marinov, M.F. (1995) seminal characteristics of young and old bulls. Livestock advisor., 126-28.
21. **Luthra,R.A.**, Singh, K.P. (1996) Uterine torsion in a Haryana cow- a case report. Punjab Veterinarian.
22. **Luthra,R.A.** (1996)Survival rate in buffaloes and cows following caesarian section performed under field conditions. Haryana Veterinarian.
23. **Luthra,R.A.** (1996) Dystocia due to foetal Kyphoscoliosis and Arthrogyrosis in a buffalo. Ind. 1. Vety. Surgery, 17 (1), 59.

24. **Luthra,R.A.**, Jit Singh, Prem Singh and Pesin, P.K. (1996) Equine granulosa cell tumor- a report of five cases. Ind. J. of Vety. Surgery, 17(1),50-51.
25. **Luthra,R.A.**(1996)Foetal maceration in a buffalo heifer. Haryana Veterinarian. 74-76.
26. Balani, D.K., Luthra,R.A. and Kharole, M.U. (1997) multiple hepatic abscesses in a tigerss panthra Tigris) - a case report. Haryana Veterinarian.43-45.
27. **Luthra,R.A.**, Jit Singh and Gurdial Singh (1997) Ovarian cystadenomas in two mares. Ind. ofVety. Surgery, 18(2), 105-106.
28. **Luthra,R.A.** (1998) Prolapse of uterus in a rabbit. Livestock International, Feb. p-23.
29. Luthra,R.A., Georgiev, G.H. (1997) Acrosin activity in bull spermatozoa. Ind. Vety. 1. 74, 570-72.
30. **Luthra,R.A.** and Khar, S.K. (1998)Dystocia in a bitch with small litter size and macerated foetus. Intas Polivet, Vol. 1. No. 1. 55-57.
31. **Luthra,R.A.**(1999) Conception Failure-Rational Therapy in a Compendium on Physiopathology of Reproduction and A.I
32. **Luthra,R.A.** and Khar, S.K. (1999) Survival rate following different regimes of treatment in cases of uterine torsion in buffaloes. Ind. Vety. J., 76, 399-402.
33. **Luthra,R.A.** and Marinov, F.(2000) Effect of vitamin- C on the semen quality of bulls. Intas Polivet 2000, 1(1),20-21.
34. **Luthra,R.A.**, Suresh Chander, Khar, S.K. and Nanda, T. (2000) An unusual case of Dystocia due to ventral hernia in a goat. Intas Polivet, 2(1) 48-49.
35. **Luthra,R.A.**, Khurana, N.K., Khar, S.K. and Nanda, T. (2000) Dystocia due to foetal maceration in a sahiwal cow.Vety.Practitionerl (2) 123-125.
36. Nanda , T., Khar , S.K., Khurana, N.K. and **Luthra,R.A.**(2000)Recent developments in embryo transfer technology.Proc.short training course on "Systematic therapeutic approaches for various reproductive disorders in animals" organizedby CAS,Vety.Gynaecologyand Obsts.,PAU,Ludhiana,94-101.
37. **Luthra,R.A.**,Nanda,T.,and Khar,S.K., (2001) Therapeutic management of hydro allantois in buffaloes.Intas Polivet 2(1) 24-26.
38. **Luthra,R.A.**, Kumar, P. and Kumar, R(2001) A rare case of dystocia due to fetal ascites in a buffalo. Blue Cross Book 17,25-27.
- 39.**Luthra,R.A.**, Kumar, P. and Kumar R.(2001) Protracted emphysematous fetus in a buffalo. Livestock International. May, 22-23.
40. **Luthra,R.A.**(2002)Prevention of dystocia in Manual of 'Job oriented training for Veterinarians" March 13-21,HAU.Hisar.
41. Kumar,R.,Kumar,P .,**Luthra,R.A.**and Kumar,R.(2002)Bovine conjoined twins. Blue Cross Book. 18,24-26.
42. **Luthra,R.A.**(2002)Management of Dystocia in Dog.Intas Polivet,3No.ii,244-246.

43. Kumar,R.,Kumar,P.and Luthra,R.A.(2002) Congenital Polycystic kidney and liver lesions in an ascitic buffalo fetus.Ind.J.Ani.Sc. 72(12)1110 -1111.
44. Chandolia,RK., Tayal.R. .Behal,S .M.and **Luthra,R.A.**(2003)Ultrasonographic imaging in obstetrical cases in bitches.Ind.V.J 80,277-278.
45. Singh.B..**Luthra,R.A.**and Nanda.T.(2003) Pathogenesis of Hydrallantois in Buffaloes.Intas Polivet,4 No.1 ,41-44.
- 46.**Luthra,R.A.**(2003) Pregnancy diagnosis in domestic Animals in "Compendium of Comprehensive Training for JRF"(ICAR),March 25 to April 5, PP 96-98.
- 47 .Lakra,B.S .,**Luthra,R.A.**,Khar,S.K.,N anda, T .andBeniwal,B.S .,(2003)Induction of cyclicity in anoestrus buffaloes during non-breeding season. Intas Polivet , 4 No.II: 162-166.
- 48.Kumar,R.,Kumar,P.,**Luthra,R.A.**,Narenderand Sharma,A.(2003) Antibigram of organisms isolated ITom uterine fluids of clinical cases of Dystocia in buffaloes subjected to caesariotomy.Intas Polivet,4No.II: 188-191.
49. Singh,H.,**Luthra,R.A.**and Gaudi,G.(2003) Dystocia due to hydroallantois and fetal ascites in buffalo.Intas Polivet,4 No.II,183-185.
50. **Luthra,R.A.** (2003) Management of prolapse of vagina, in compendium on "6th Animal Husbandry Officers workshop" held on Dec.22-23.
51. **Luthra,R.A.**, Rohilla,N. and Ahlawat,RK. (2004) Caesarean section in a Sow-Lower flank approach.Vet.Practioner.Vol. 4 No 2, 192-193.
52. Sharma, M., Chander, S. and **Luthra, R.A.** (2004) hematological observations following ceserain section in buffaloes. Vet. Practioner Vol 5 No. 1. 51-52.
53. Pradeep, S.V., Chandolia, S.K., Singh, G. and **Luthra, R.A.** (2004) new trends in the field of diaganosis and treatment of cystic ovarian degeneration in large animals. Vet. Practioner Vol 5 No. 2. 51-52.
54. Panwar, S., Nanda, T. and **Luthra, R.A.** (2005) Pregnancy diaganosis in bovines a review. Intas polivet. 6(1): 23-29.
55. **Luthra, R.A.** (2005) role of animal health in increasing productivity. Proceeding on training on improved tropical forage seed production and forage development. May, 30 to July, 8. 374-376.
56. Khar, S.K. and **Luthra, R.A.** (2004) management of dystocia in pet animals. Compendium of training on pet animal practice. October, 21 – November, 10,pp- 131-138.
57. Khar, S.K. and **Luthra, R.A.** (2004) management of dystocia in pet animals. Compendium of training on pet animal practice. October, 21 – December, 9-29,pp- 129-136.
58. **Luthra, R.A.** (2005) Hydroallantois in bovines – diaganosis and treatment. Compendium of training on physiopathology of reproduction and AI, sexual health control/fertility management and milk hygiene. Feburary, 5-20. pp- 18-19.
59. **Luthra, R.A.** (2005) Dropsy of fetal membranes in cow and buffaloes. Compendium of training on physiopathology of reproduction and AI. March, 9-29. pp. 21-22.
60. **Luthra, R.A.** (2005) Management of uterine torsion in buffaloes. Compendium of training on physiopathology of reproduction and AI. March, 9-29. pp. 23-25.

61. Chandolia, R.K., Pradeep, S.V. and **Luthra, R.A.** (2005) effect of nonsteroidal anti-inflammatory drugs on parturition in buffaloes. Indian Vet. J. 82: 1098-1099.
62. **Luthra, R.A.** (2005) accidents of gestation in bovines. Compendium training of large animal practice. September, 2005:
63. Chandra, S., Rakha, N.K., **Luthra, R.A.** and Chandolia, R.K. (2005) A veterinary clinical unit. Compendium of entrepreneur project in veterinary and animal sciences. PP-78-83.
64. Chandra, S., Rakha, N.K., **Luthra, R.A.** and Chandolia, R.K. (2005) A pet clinic unit. Compendium of entrepreneur project in veterinary and animal sciences. PP-88-91.
65. Mehra, U.S., Chaudhary, R., Chandolia, R.K., Chandra, R. and **Luthra, R.A.** (2006) bulldog calf and perocephalus Aganthus Monster in buffaloes. Haryana. Vet. 45: 100-101.
66. Singh, H., **Luthra, R.A.**, Khar, R.A. and Nanda.T. (2006) estrous induction, lasma steroid hormone profile and fertility responseafter CIRD and eCG treatment in acyclic Sahiwal cows. Asian- Aust. J. Anim. Sci. 19(11). 1566-1573.
67. **Luthra, R.A.** (2008) Prevention and termination of unwanted pregenancy. Compendium on training on pet animal practice. January, 31- february, 13. 157-162.
68. **Luthra, R.A.** (2008) pregnancy diaganosis in animals. Compendium on training for JRF in veterinary science. March,3-17:
69. Kumar S, Singh G, Nagpal SK and **Luthra,R.A.** (2010) Ultrastructure of fimbria and ampulla of buffalo oviduct during follicular and Luteal phase.Haryana Veterinarian,49,11-14.
70. Kumar S, Singh G, Nagpal SK and **Luthra,R.A.** (2010) Ultrastructure of isthmus and uterotubal junction of buffalo oviduct during follicular and Luteal phase. Haryana Veterinarian,49,15-18.

POPULAR ARTICLES

1. **Luthra,R.A** (1987) Problems of infertility in animals and preventive measures. Farmer and Parliament, May, 7-8.
2. **Luthra,R.A.** and Khar, S.K. (1987) Abortion in cattle and buffaloes, causes, treatment and control measures. Farmer and Parliament, August, 29-30.
3. **Luthra,R.A.** and Khar, S.K. (1988) Contagious diseases of animals and preventive measures. Krishi Lok, Oct. 11-18(Hindi)
4. **Luthra,R.A.** and Khar, S.K. (1989) Pregnancy diagnosis in bovines. Pashudhan, 4(7) 3-7.
5. **Luthra,R.A.** and Khar, S.K. (1989)Symptoms of approaching parturition in domestic animals. Farmer and Parliament, July,II-12.
6. **Luthra,R.A.** and Khar, S.K. (1989) Estrous cycle and symptoms of estrous in cows and buffaloes. Haryana Kheti, March, 23-32(Hindi)
7. **Luthra,R.A.** (1993) Things to remember before and at the time of parturition in animals. Farmer and Parliament, June (6) 39-40(Hindi)
8. Luthra,R.A. (1993) Worm infestation in animals Buniyad (3) 3(Hindi)

9. Luthra,R.A. (1993)Care of cows and buffaloes during pregnancy and parturition. Jan.Sandesh, Sept. P-36(Hindi)
10. **Luthra,R.A.** (1994) Haemoglobinuria in buffaloes. Farmer and Parliament, Jan. P-36(Hindi)
11. **Luthra,R.A.** (1994) Prolapse of vagina in animals. Farml:r and Parliament, Jan. P-40(Hindi)
12. **Luthra,R.A.** (1994) Cause of decreased milk production in animals and remedies. Buniyad, August, (7) 3(Hindi)
13. **Luthra,R.A.** (1994) Problem of internal parasites in animals. Buniyad, August,
14. **Luthra,R.A.** (1994) FMD in animals Farmer and Parliament Oct. 1994, P-4.
15. **Luthra,R.A.** and Khar, S.K. (1998) Care and management of pregnant animals. Haryana Kheti, June, P-26(Hindi)
16. **Luthra,R.A.** and Khar, S.K. (2000) Benefits of artificial insemination in animals. Haryana Kheti, June, (Hindi)
17. **Luthra,R.A.**and Khar,S. (2002) Antepartum prolapse of vagine- Tips to Vets.
18. **Luthra,R.A.** (2004) Repeat breeding in crossbred cows-Tips to Vets.
19. **Luthra,R.A.** (2004) Anoestrus in Buffaloes-Tips to Vets.
20. **Luthra, R.A.** (2005) Problem of prolapse of vagina in buffaloes and its remedies. Leaflet in hindi, 1-4 pages.
21. Chandolia, R.A.,**Luthra,R.A.** and Singh, G. (2005) Use of ultrasonography in animals, dairy planner, 9 th issue, 36 (Hindi).