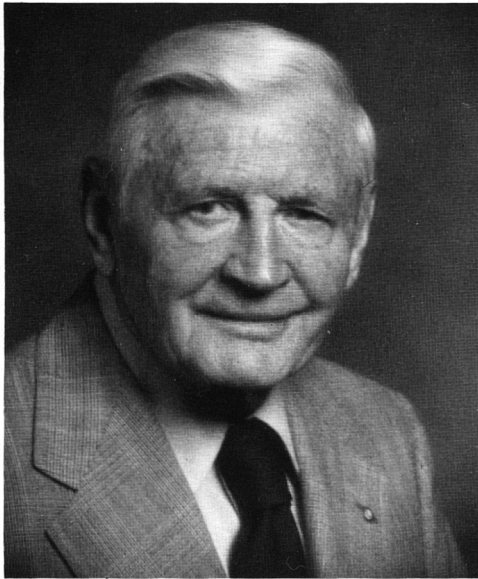




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## *Dr. Woelffer Honored*

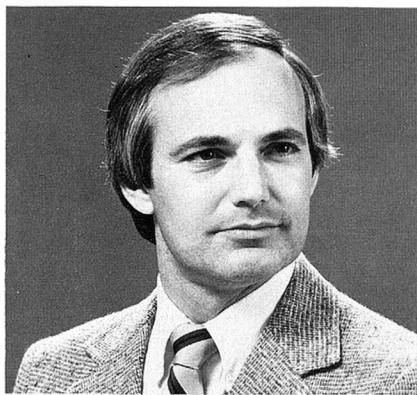


Each year at World Dairy Exposition, Madison, Wisconsin, four dairy leaders - a dairy farmer, a dairy farm wife, an industry person, and an international dairy leader - are honored for their accomplishments and contributions to the dairy industry on a national and international level. On October 4, 1983, Dr. Elmer Woelffer, Oconomowoc, Wisconsin, was recognized as the Industry Man of the Year.

Members of the American Association of Bovine Practitioners can be justly proud to have a member of our profession so honored by the dairy industry. Dr. Woelffer also has been recognized by A.A.B.P. on two separate occasions. In 1977 at St. Louis, Missouri, he was unanimously elected as an honorary member of A.A.B.P. He joined Dr. James Herriot as the only other honorary member. This past year in Nashville, Tennessee, Dr. Woelffer received the dairy A.A.B.P. award for excellence in preventative veterinary medicine.

As the industry person of the year, he was recognized for his accomplishments as a farm manager, a dairy practitioner, an infertility consultant, an author and a contributor to the health of the dairy industry of the United States.

# AABP Officers



## President

**Dr. Glen Hoffsis**  
*Columbus, Ohio*

Dr. Hoffsis grew up on a general livestock farm in north central Ohio. At The Ohio State University he majored in Animal Science and was a member of the general livestock judging team. In 1966 he graduated with a B.S. in Agriculture and a D.V.M. from The Ohio State University.

He completed an internship at Colorado State University in 1967 and returned to The Ohio State University for a residency and master's degree in large animal internal medicine. He became a Diplo-

mate of the American College of Veterinary Internal Medicine. He then joined the faculty at OSU and currently holds the rank of Professor, Chief of the Food Animal Medicine, Surgery, and Theriogenology Section and Associate Chairman, Department of Veterinary Clinical Sciences.

In 1971 he received the Norden Award for Outstanding Teaching. He is the author or coauthor of numerous scientific publications and book chapters and has presented papers at state and national veterinary meetings. He writes a monthly column which appears in several beef breed publications.

Dr. Hoffsis has served AABP as director of the Fourth District, chairman of the Regulatory Committee, AABP Representative to the United States Animal Health Association and as Vice President and President-Elect. He was also local arrangements chairman for the 1974 and general program chairman for the 1982 AABP Convention. He also served as Secretary of the Ohio Veterinary Medical Association and Co-chairman of the large animal program for the AVMA.

Dr. Hoffsis is a member of Trinity Lutheran Church in Columbus, Ohio and enjoys sports, travel and showing livestock. He and his wife, Linda, have two boys, Chris and Brian.

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## A Message From the President

It is my high honor to serve as President of the American Association of Bovine Practitioners. With maturity, the AABP has gained increasing respect as a first rate organization which represents a huge segment of our profession. AABP is a kind of gentle giant. We have viewed our major function to be continuing education, exchanging of new ideas and fostering good professional relationships with our colleagues who have similar interests. These functions continue to be the backbone of AABP. We excel in this area with every convention getting larger and of higher quality than the previous one.

During much of our past, we have been relatively passive on political, regulatory and other issues which affect bovine practice and/or the industry we serve. When we have acted to use our influence, we have been heard. We have now reached a stature where we are being looked to for leadership and for recommendations, and for policy positions. I have felt this respect while attending the National Cattle-men's, AASP, USAHA and Canadian VMA Conventions. We have developed good liaison with most agencies and organizations and all the avenues for communication are open.

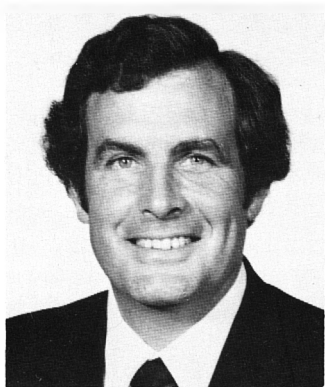
Because we have attained this stature we must use our influence wisely to be sure that we have thoroughly studied issues before we put forth statements from AABP. We should continue to move aggressively but responsibly on issues which affect bovine practice or the cattle industry. Most of the major issues are considered in the various AABP committees before they are considered by the Board or the membership. It is crucial that we receive good representation on our various committees. Serving on an active committee is one of the most challenging and rewarding experiences an AABP member can have and the contribution our committee members make to our organization is immeasurable. I am confident we will continue to fulfill this increasingly important dimension of AABP.

Jenks Britt, Harry James, and Eric Williams and their committees have everything set for Oklahoma City. Be sure to attend. Bring your family and invite a colleague.

Sincerely  
Glen F. Hoffsis, DVM  
President

## President-Elect

**Dr. Jenks S. Britt**  
Russellville, Kentucky



Dr. Britt was born in Glasgow, Kentucky. He received the B.S. degree from Western Kentucky University and the D.V.M. degree from Auburn University in 1970.

He is a partner in a 4-man practice at Logan County Animal Clinic, Russellville, and also a partner in J & W Dairy Farm, Franklin, Kentucky. Dr. Britt has been an AABP District IV Director for many years and also a Board Member of the National Mastitis Council. He has given papers or seminars in over 20 state and national meetings in 9 states.

His primary practice interests are dairy herd health, nutrition, embryo transfer, mastitis control and theriogenology. He is a member of AABP, AAEP, AVMA, Ky VMA, South Central Ky VMA, National Mastitis Council and Society of Theriogenology.

Dr. Britt is the Program Chairman for the 1983 Convention.

Dr. Britt and his wife Kathy Filer have three sons: David, 12; Andy, 9; and Matt, 6. His hobbies are flying and Thoroughbred and Appaloosa horses,

## Vice President

**Dr. Herbert C. Lloyd**  
Arcadia, Florida



Dr. Lloyd, Arcadia, Florida, received the BSA in animal husbandry from the University of Florida in 1956 and the DVM degree from Auburn University in 1964. He was an intern in Lakeland, Florida in 1964; general practice in New Port Rickey, Florida, 1964-65; resident veterinarian, Big B Ranch, Belle Glade, Florida 1965-70; general and consultive practice at Belle Glade and Clewiston, Florida 1971-79. For the next two years he was Director, Technical Services, Syntex Agribusiness, Diamond Laboratories, Des Moines, Iowa. In 1981 he established the Peace River Hospital for Animals, a mixed practice, over 50% bovine, in Arcadia, Florida.

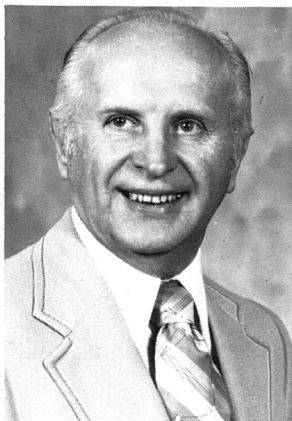
Dr. Lloyd enlisted in the U.S. Air Force in 1950 and served in Korea as a Division Five Officer, Second Infantry.

A Charter Member, Academy of Veterinary Consultants, he is a member of the Society for Theriogenology, Board of Directors, Florida VMA, Past President Palm Beach Veterinary Society, member AASP, AAEP, Iowa VMA and AVMA and Past President, Rotary International. He has authored numerous scientific articles.

Dr. Lloyd and his wife, Jean, have two sons and two daughters.

## Executive Secretary-Treasurer

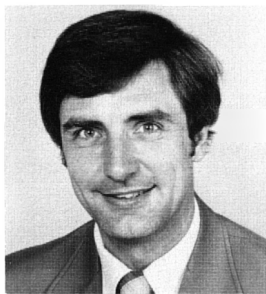
**Harold E. Amstutz,**  
D.V.M.  
W. Lafayette, Indiana  
President, World  
Association for Buiatrics  
and Alternate Delegate  
to the AVMA



## AVMA Delegate and AABP Advertising Manager

**Leland C. Allenstein,**  
D.V.M.  
Whitewater, Wisconsin

# NEW DIRECTORS



*Dr. David McClary*

Dr. David McClary, Auburn, Alabama, is the new Director for District III (Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Puerto Rico, Cuba, South America, and West Indies).

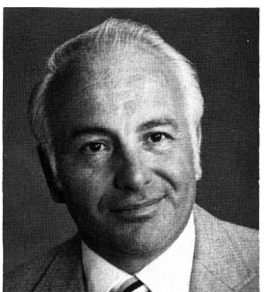
Born in Scottsville, Kentucky he received his BS degree from Western Kentucky University in 1970 and his DVM from Auburn University in 1974.



*Dr. William D. Blohm*

Dr. William D. Blohm, Carroll, Iowa is the new Director for District 6 (Iowa, Minnesota).

Born in Dexter, Iowa, he attended Northwest Missouri State College for two years and is a Korean War Air Force Veteran 1951-54. He received the



*Dr. Roland S. Jeans*

Dr. Roland S. Jeans, Evansville, Wisconsin is the new Director for District 5 (Illinois, Indiana, and Wisconsin).

Born in Osceola, Wisconsin, he received the DVM degree from the University of Minnesota in 1959. He spent two years in the U.S. Army Veteri-

Following graduation Dr. McClary worked in a three-man mixed practice in Campbellsville, Kentucky until 1976 when he helped establish a two-man partnership mixed practice in Hodgenville, Kentucky. In 1978, he returned to Auburn to the Department of Large Animal Surgery and Medicine. While working in the dairy section he completed his MS degree in 1982. In 1982 he also became certified as a Diplomate to the American College of Theriogenologists.

Dr. McClary presently heads the dairy section of the Large Animal Clinic at Auburn. He is a member of AVMA, Society of Theriogenology, American Dairy Science Association, National Mastitis Council, and AABP. He has served on the AABP reproduction committee for the past 3 years.

Dr. McClary has one son: Kyle 8. His hobbies are bass fishing, football, baseball and basketball.

D.V.M. degree from Iowa State University in 1959 and has practiced in Carroll ever since, where he is the senior partner in a 5-man mixed group practice. Dr. Blohm is a member of AVMA, AASP and served as President of Iowa VMA in 1978. He is currently the representative of the IVMA and Vice Chairman of the State Animal Health Advisory Council. He is also a member of Carroll Chamber of Commerce, Elks Club, Carroll Country Club, Recreation Center and the First Methodist Church. He enjoys sports (especially ISU sports) racketball, golf, hiking, landscaping and antique collecting, especially rural primitives.

Dr. Blohm and his wife Joan have 3 daughters; Debra, 31; Diane, 29; and Beth, 19.

nary Corps in Ft. Sam Houston, Texas and joined the staff of Evansville Veterinary Service in 1961, a 6-man general practice that is about 80% dairy.

Dr. Jeans is a member and Past President of the Rock Valley Veterinary Association and a member of the Wisconsin VMA, WVMA and the AVMA. He is a director of the Rock County Holstein Association and their Junior Activities Director. He is a veterinary science leader for a 4-H Club, a member of St. John's Lutheran Church council, and a Lions Club member. He is a past member and President of the Evansville Community School District Board of Education.

Dr. Jeans and his wife, Deanna, have four children: Cheryl, 23; David, 20; Kathryn, 19; and Nancy, 13.



# NEW DIRECTORS



*Dr. Joseph M. Wright*

Dr. Joseph M. Wright, Castroville, Texas is the new Director for District 8 (Texas, Louisiana, Arkansas). A native of Alpine, Texas, Dr. Wright received the B.S. degree in 1966 and the D.V.M. degree in 1968 from Texas A&M University. He was an NIH Postdoctoral trainee in Theriogenology in

New York University College, 1969-70, served in the U.S. Air Force 1970-71 and a clinical resident in Theriogenology and Internal Medicine at New York State University College 1971-72.

Dr. Wright conducted private practice in Pearisburg and San Antonio, Texas and Pawhuska, Oklahoma before moving to Castroville, Texas to a practice limited to cattle herds on a contract basis, with emphasis on embryo transfer. He is a member of AVMA, TVMA, IETS, AETS and current chairman of TVMA Bovine - Ranch Practice Committee. He served two terms on the TVMA Board of Directors and is presently on the Board of Directors of the American Embryo Transfer Association. A registered Brangus breeder, he serves on the Rules and Regulations Committee of the International Brangus Breeders Association.

Dr. Wright and his wife, Barbara have three children: Elizabeth, 13, Mathew, 7, and Mark, 5.



*Dr. Erich Studer*

Dr. Erich Studer, Carnation, Washington, is the new Director for District XI. Dr. Studer attended High School in El Centro, California. He received the B.S. degree in Veterinary Science from the University of California at Davis in 1959 and the D.V.M. degree from the same institution in 1961. Dr. Studer was engaged in mixed practice, mainly dairy at the Harris Veterinary Hospital, 1961-65. He became

Head Resident Veterinarian, Carnation Company in 1965, being in charge of animal health and specific research projects. In December 1979 he assumed the duties of Director of Veterinary Medicine, Carnation Company where present research projects include enzootic calf pneumonia, bovine leukosis, nutrition, gene typing, gonadotrophic releasing hormone and embryo transfer.

Dr. Studer is a member of the AVMA, California VMA, AABP, Society for Theriogenology International Embryo, Transfer Society, American Dairy Science Association and American Animal Science Association. He has published numerous papers in leading Veterinary Medical and other scientific journals.

Dr. Studer and his wife, Betty, have three children; Catherine, 18, pursuing a career in nursing, Erich Dean, 17, a senior in high school and Daniel Kurt, II. Dr. Studer is active in his church and serves on the School Board. He is an avid skier and spends his hours for relaxation cutting down, cutting up or planting trees on his 31 acre tree farm. The family raises several head of livestock with Catherine showing dairy cattle enthusiastically.

# IN THE NEWS

**Dr. Jack K. Ward**, Hamilton, Montana received the 26th Practitioner Research Award at the Inaugural and Awards Luncheon during the AVMA Convention in New York last July. The award is presented annually to a practicing veterinarian for outstanding research achievements. Dr. Ward, a large animal practitioner received the DVM degree from Washington State University in 1958. Past President of the Montana VMA, Dr. Ward has been an active member of the AABP for many years. He was recognized for his work in virology and immunology, particularly involving the etiology, pathogenesis and treatment of weak calf syndrome and weak lamb disease, immune-response modifiers for treating bovine cancer eye and equine sarcoid. Also broodmare fertility problems.



*Dr. Ward, right, received the Award from AVMA President, Dr. Paul Landis.*



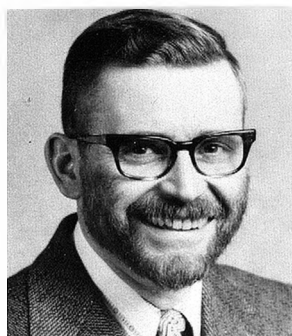
*Dr. Charles B. Randall*

**Dr. Charles B. Randall**, Kingston, North Carolina was elected to a one-year term as Vice President of the AVMA during the 120th annual meeting in New York last July.

Dr. Randall received the DVM degree from Kansas State University in 1938. He is a Past President of the North Carolina VMA, the Southern Veterinary Medical Federation and a member of the state licensing board for 10 years. For the past 19 years he has represented North Carolina in the AVMA House of Delegates. Dr. Randall has been a member of the AABP for many years.



*Dr. Russel A. Willoughby*



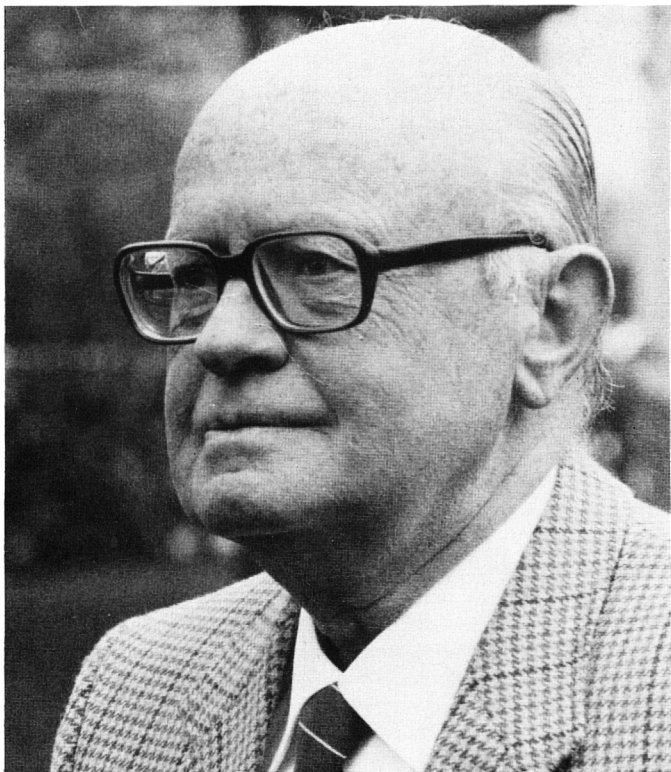
*Dr. Arnold F. Hentschl*

**Dr. Arnold F. Hentschl**, Harbor Beach, Michigan has been elected to the 16-member Executive Board of the AVMA Representative District IV (Kentucky, Michigan, Ohio and West Virginia) during his 6 year term. Dr. Hentschl is completing his second 5 year term on AVMA's Council on Education. He was named Bovine Practitioner of the Year in 1980.

**Dr. Russell A. Willoughby**, Associate Dean, Research and Resources, Ontario Veterinary College, University of Guelph, Ontario, Canada has been appointed Chairman, Department of Clinical Studies. He received the DVM degree from the Ontario Veterinary College in 1957 and practiced near Grenfell, Saskatchewan for four years. Dr. Willoughby returned to his alma mater in 1961, where he joined the Department of Medicine and Surgery. He was a research assistant at New York State Veterinary College from 1962 to 1965 and received the Ph.D. degree.

Dr. Willoughby was Secretary of the American College of Veterinary Internal Medicine from 1972 until 1981.

# IN MEMORIAM



**Prof. Dr. Gustav Rosenberger**  
Hannover, W. German Republic  
1909-1983

Gustav Rosenberger, emerited Professor in ordinary, Dr. med. vet. habil., Dr. Med. vet. h. c. mult., former Head of the Clinic for Diseases of Cattle, Hannover Veterinary School, suddenly and unexpectedly passed away on April 7th, 1983, in his 74th year of life.

Born on December 4th, 1909, in Schmalkalden/Thuringen (Germany), he obtained his matriculation there, and then pursued his studies in veterinary medicine in Munich and Hannover, where the degree of Doctor of Veterinary Medicine was conferred on him in 1934. Afterwards, he was active in general veterinary practice and in public health work (eradication of zoonoses). In 1936, he entered the Clinic for Obstetrics and Diseases of Cattle at the Hannover Veterinary School, then directed by its founder, Dr. Richard Gotze. After passing the examination stipulated for state veterinary tasks (Berlin, 1940), the young scientist qualified as a lecturer in obstetrics and diseases of cattle through investigations into the nature and the pathogenesis of cabbage-caused anemia (redwater) in cattle (Hannover, 1942). In the same year, the first A.I. center for cattle in Germany was established in Pinneberg/Holstein, after preparatory works in which he had essentially participated.

In 1943, Prof. Dr. Rosenberger was transferred to Posen University, where he became Professor in ordinary and Director of the clinic for veterinary surgery. After World War II,

he headed the private animal Clinic in Sarstedt (near Hannover) which comprised an extensive general practice and a local A.I. center. From here, he returned to Gotze's Clinic for Obstetrics and Diseases of Cattle at the Hannover Veterinary School in 1953, and, in spite of honorable calls from other universities (Gottingen, 1955; Giessen, 1957) he stayed.

The deceased always dedicated himself with his own personal thoroughness and indefatigable activity to the complex task transferred to him by the Directorate of the Clinic for Diseases of Cattle. Thus, he enlarged the knowledges within his speciality by valuable research results and by practical methods of treatment, amongst others dealing with transmissibility and eradication of bovine leukosis, warble eradication by systemic phosphorous esters, congenital corneal opacity in calves, hypovitaminosis A, esophageal obstruction, dehorning and epididymectomy. Furthermore, he was occupied with environmental problems, e.g. chronic visical hematuria (by ingestion of bracken fern), pathogenesis of grass tetany, and fluorosis in cattle, quite early. With much emphasis he pursued the introduction of audiovisual means into the training programs for students and continuous veterinary education; the same is true for the instructive practicals in surgery of cattle. The books which were published or revised under his editorship soon proved to be especially precious: "Clinical Examination of Cattle" (translated into seven languages), "Diseases of Cattle" (translated into two languages), Richter-Gotze's "Animal Obstetrics", and "Buiatrics". Furthermore, Prof. Dr. Rosenberger was the editor of the well known periodical "Deutsche Tierärztliche Wochenschrift" for years.

*His hospitality included his private life and made the Hannover Cattle Clinic an attractive center for cattle-oriented veterinarians coming from all over the world.*

His experience and preparedness predestinated him as an active member of numerous bodies and associations, whose development was markedly influenced by him. Thus, he was vice-president of the German Veterinary Association (DVG) for many years. The foundation of the World Association for Buiatrics, which was initiated by him, proved to be of decisive importance; he was the first W.A.B. secretary and served from 1962 to 1978. The worldwide reputation and acknowledgement of Prof. Dr. Rosenberger is shown by the list of titles and honours conferred on him: Honorary Doctor of the Veterinary University in Vienna, the Aristoteles University in Thessaloniki, and the Royal Veterinary and Agricultural College in Copenhagen, Honorary Member of the Italian Society for Buiatrics, the Veterinary Society of Sao Paulo/Brazil, Foundation and Honorary Member of the World Association for Buiatrics, Honorary Member of the Italian Society for Veterinary Sciences, the French Society for Buiatrics, Member of the Albrecht-Thaer Society and of the Royal Swedish Academy for Agriculture and Forestry.

*An imposing group of mourning relatives, friends, disciples, co-workers, and colleagues, representatives of authorities and federations, took leave from the deceased on April 18th, 1983. May his family, after the hard blow which struck them so suddenly, obtain consolation from the veneration thus documented, and from the fact that his achievement will continue to live. -----*

G. Dirksen, H.-D. Grunder, M. Stober

# XIII World Congress for Buiatrics - Cattle Diseases

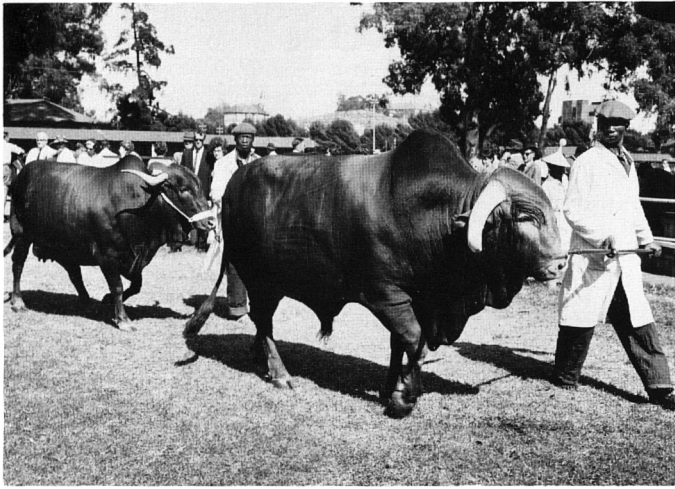
Durban, South Africa  
September 17-21, 1984



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The XIII World Congress for Buiatrics (Cattle Diseases) will be held in Durban, South Africa on September 17-21, 1984. The topics for the Congress include:

1. Diseases of Ruminants, domestic and wild, and their global importance to the Cattle Industry. Emphasis will be placed on:
  - (i) Foot and Mouth disease
  - (ii) Blue Tongue
  - (iii) Rift Valley Fever
2. Herd health programs under intensive and semi-extensive conditions. The following categories will be highlighted:
  - (i) Advances in the use of computer programs
  - (ii) Herd reproduction control
  - (iii) Mastitis control
  - (iv) Immunization in herd health programs: dairy and beef
3. New concepts in the control of internal and external parasites. Emphasis will be placed on:
  - (i) Biological and chemical control
  - (ii) Immunological control
  - (iii) Tick-borne diseases: Heartwater, Babesiosis, Anaplasmosis, Theileriosis  
New concepts in their control.
4. Bovine nutrition: "Nutrition and Disease"
  - (i) The effect of inadequate or inappropriate nutrition in causing disease.
  - (ii) The role of disease on modifying nutrition
5. Toxicology in bovine practice:
  - (i) The role of plant toxins
  - (ii) The role of pesticides and insecticides
  - (iii) The role of mycotoxins



Photos courtesy of SATOUR (South Africa Tourist Corp.)

6. Bovine Surgery:
  - (i) Practical aspects of anaesthesia
  - (ii) Advances in genital surgery
7. Reproduction:
 

Emphasis will be placed on peripartum problems:

  - (i) Optimal management of the dry cow
  - (ii) Post partum problems: complications of involution; cystic ovarian degeneration, non-specific infections.
8. Embryo transfer in the bovine.
  - (i) Embryo recovery
  - (ii) Embryo transfer
  - (iii) Embryo preservation
  - (iv) Disease transmission: is this a problem in practice(?)
 

Papers should be aimed at bringing embryo transfer into perspective.
9. Game ranching in conjunction with bovine.
  - (i) Possible disease transmission
  - (ii) Translocation stress syndrome
10. General: Veterinary medicine and the individual animal:



DR. ISSY BACHER B.V.Sc.

CONGRESS ORGANISING CHAIRMAN



PROF. R.I. COUBROUGH

SCIENTIFIC PROGRAMME CHAIRMAN

#### Clinical Communications

SEVERAL PRE-CONFERENCE TOURS HAVE BEEN ARRANGED, viz:

- Tour 1: Cape of Good Hope
  - Tour 2: Johannesburg-Kruger Park/Zululand Kape
  - Tour 3: Cape Town and Garden Route
  - Tour 4: Grand South Africa including the famous Blue Train
- POST-CONFERENCE TOURS INCLUDE:
- Tour 5: Zululand/Swaziland/Sabisabi Reserve/Johannesburg
  - Tour 6: Johannesburg/Sun City/Kruger National Park

#### A Message from the Congress Organizers:

It is with extreme pleasure that the organizing committee extend a warm welcome to you to attend the Buiatrics Congress '84. It will be an honor to act as your host as you sample and savor the feast of tourist delights South Africa has to offer, blended and mellowed by a wealth of the latest scientific information. The scientific program has been structured to ensure that there will be something of interest for the wide diversification of bovine practitioners. The venue of the congress in Durban, the second largest city in South Africa. Durban is regarded as the country's top holiday resort—a thriving, lively cosmopolitan metropolis full of charm and contrast. This bustling seaport reflects the variety of the country as a whole, and is strategically placed as a springboard for pre-and post congress tours which will include a host of tourist attractions as well as visits to cattle farms and world-renowned scientific institutions.

We promise you an experience of a lifetime. The academic stimulus of a top flight Scientific Congress at which the world's top bovine specialists will gather, a small animal satellite symposium coupled with a visit to one of the world's most fascinating continents. South Africa offers you a World in One Century and we look forward to seeing you here at Buiatrics Congress '84.

Registration fees: before April 30, 1984: R300.00; after May 1, 1984: R350.00 (one U.S. dollar = 1.095 Rand).

Further information may be obtained from Dr. I. Bacher, P. O. Box 35333, Northcliff, South Africa, 2115 (Dr. Coubrough will be attending the AABP Convention in Oklahoma City).

EDITORS NOTE: A second call for papers has been made by the Organizing Committee. Please contact Dr. Bacher if you would like to present a paper.





# Membership Application

## AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

I hereby make application for membership in the AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS and agree to abide by its by-laws, to actively support its objectives, and enclose \$25.00 in payment of first year's dues.

Date \_\_\_\_\_

Name \_\_\_\_\_  
Last First Middle

Address \_\_\_\_\_  
Street City County State

Telephone \_\_\_\_\_ AVMA Member \_\_\_\_\_

Year of Graduation \_\_\_\_\_ College \_\_\_\_\_ CVMA Member \_\_\_\_\_

Nature of Employment (Practice, Teaching, etc.) \_\_\_\_\_

Percentage of Practice Time Devoted to Cattle \_\_\_\_\_  
Dairy Beef

Former address if you have moved \_\_\_\_\_  
within the last two years. Street  
City State Zip

Signature \_\_\_\_\_

MAIL TO: H. E. Amstutz, D.V.M., Executive Secretary-Treasurer  
P.O. Box 2319  
W. Lafayette, Ind. 47906

-----  
**SHARE IT . . . WRITE YOUR PRACTICE TIP, QUESTION, OR SUGGESTION NOW AND SEND IT IN TO US FOR NEXT YEAR'S BOVINE PRACTITIONER.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

MAIL TO: Eric I. Williams, F.R.C.V.S., Editor  
1226 N. Lincoln  
Stillwater, Oklahoma 74075

# **-NOTES-**

# -NOTES-

## Lutalyse® Sterile Solution (dinoprost tromethamine)

**VETERINARY – For intramuscular use in cattle when regression of the corpus luteum is desired. This includes estrus synchronization, treatment of unobserved (silent) estrus and abortion of feedlot and other non-lactating cattle.**

### INDICATIONS AND INSTRUCTIONS FOR USE

*Lutalyse* (dinoprost tromethamine) sterile solution is indicated as a luteolytic agent.

*Lutalyse* is effective only in those cattle having a corpus luteum, i.e., those which ovulated at least five days prior to treatment. Future reproductive performance of animals that are not cycling will be unaffected by *Lutalyse* injection.

**1. For Intramuscular Use for Estrus Synchronization in Beef Cattle and Non-Lactating Dairy Heifers.** *Lutalyse* is used to control the timing of estrus and ovulation in estrus cycling cattle that have a corpus luteum.

Inject a dose of 5 ml *Lutalyse* (25 mg PGF<sub>2α</sub>) intramuscularly either once or twice at a 10 to 12 day interval.

With the single injection, cattle should be bred at the usual time relative to estrus.

With the two injections cattle can be bred after the second injection either at the usual time relative to detected estrus or at about 80 hours after the second *Lutalyse* injection.

Estrus is expected to occur 1 to 5 days after injection if a corpus luteum was present. Cattle that do not become pregnant to breeding at estrus on days 1 to 5 after injection will be expected to return to estrus in about 18 to 24 days.

**2. For Intramuscular Use for Unobserved (Silent) Estrus in Lactating Dairy Cows with a Corpus Luteum.** Inject a dose of 5 ml *Lutalyse* (25 mg PGF<sub>2α</sub>) intramuscularly. Breed cows as they are detected in estrus. If estrus has not been observed by 80 hours after injection, breed at 80 hours. If the cow returns to estrus breed at the usual time relative to estrus.

**3. For Intramuscular Use for Abortion of Feedlot and Other Non-Lactating Cattle.** *Lutalyse* is indicated for its abortifacient effect in feedlot and other non-lactating cattle during the first 100 days of gestation. Inject a dose of 25 mg intramuscularly. Cattle that abort will abort within 35 days of injection.

### WARNINGS

Not for human use.

Women of child-bearing age, asthmatics, and persons with bronchial and other respiratory problems should exercise **extreme caution** when handling this product. In the early stages, women may be unaware of their pregnancies. Dinoprost tromethamine is readily absorbed through the skin and can cause abortion and/or bronchospasms. Direct contact with the skin should, therefore, be avoided. Accidental spillage on the skin should be washed off **immediately** with soap and water. Use of this product in excess of the approved dose may result in drug residues.

### PRECAUTIONS

Do not administer to pregnant cattle unless abortion is desired. Do not administer intravenously (I.V.), as this route might potentiate adverse reactions.

Cattle administered a progestogen would be expected to have a reduced response to *Lutalyse*.

Aggressive antibiotic therapy should be employed at the first sign of infection at the injection site whether localized or diffuse. As with all parenteral products careful aseptic techniques should be employed to decrease the possibility of post injection bacterial infections.

### ADVERSE REACTIONS

1. The most frequently observed side effect is increased rectal temperature at a 5x or 10x overdose. However, rectal temperature change has been transient in all cases observed and has not been detrimental to the animal.

2. Limited salivation has been reported in some instances.

3. Intravenous administration might increase heart rate.

4. Localized post injection bacterial infections that may become generalized have been reported. In rare instances such infections have terminated fatally. See PRECAUTIONS.

### IMPORTANT

**No milk discard or preslaughter drug withdrawal period is required for labeled uses.**

### DOSAGE AND ADMINISTRATION

*Lutalyse* is supplied at a concentration of 5 mg dinoprost per ml. *Lutalyse* is luteolytic in cattle at 25 mg (5 ml) administered intramuscularly. As with any multidose vial, practice aseptic techniques in withdrawing each dose. Adequately clean and disinfect the vial closure prior to entry with a sterile needle.

### HOW SUPPLIED

*Lutalyse* Sterile Solution is available in 10 and 30 ml vials.

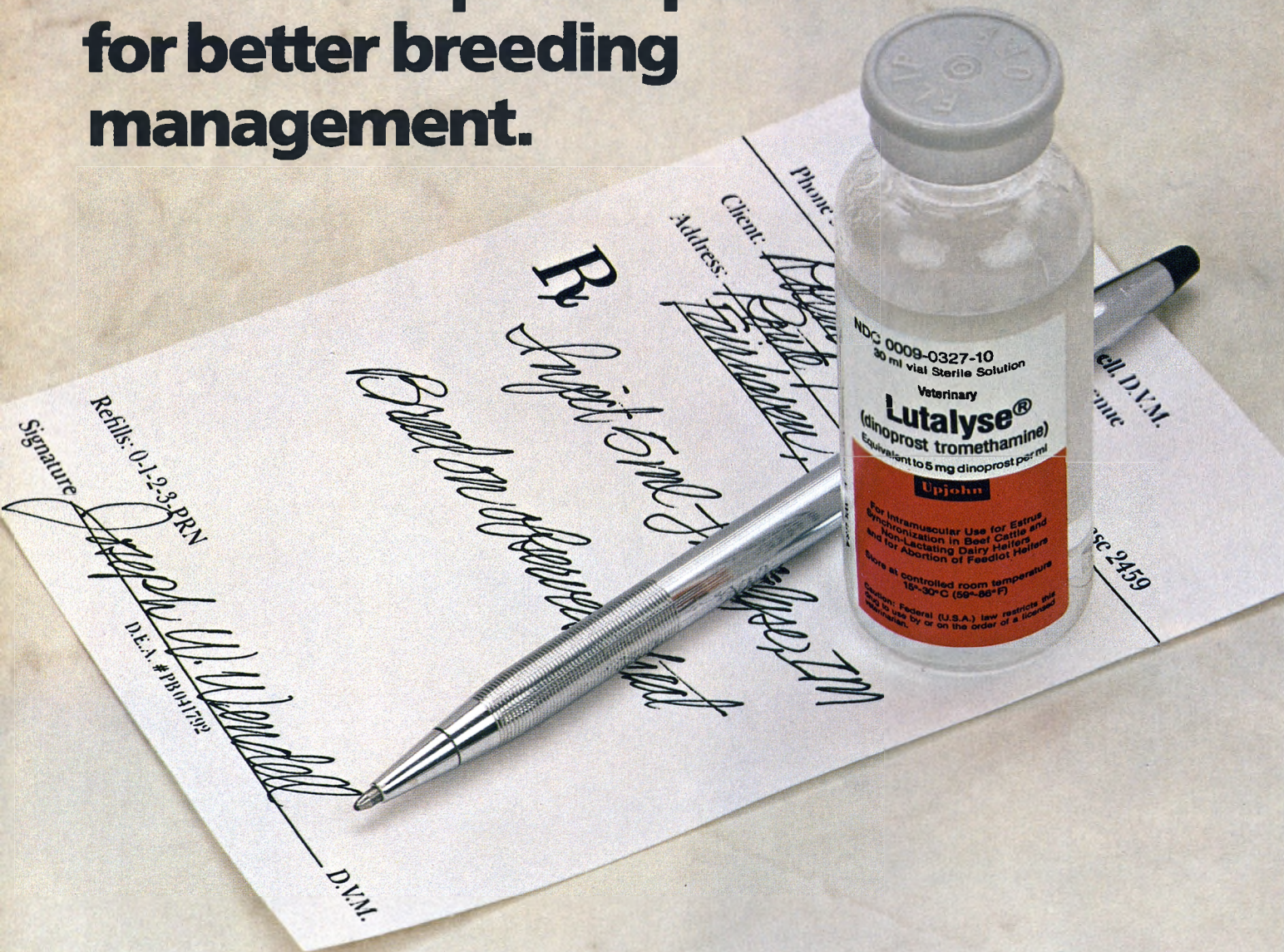
**Caution:** Federal (U.S.A.) law restricts this drug to use by or on the order of a licensed veterinarian.

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Kalamazoo, Michigan 49001



# The natural prescription for better breeding management.



Prostaglandin research, initiated by The Upjohn Company, has led to the development of a valuable management tool for veterinarians and their beef and dairy clients. A tool that gives cattlemen and dairymen control where they need it most: Breeding and calving.

The tool is Lutalyse® (dinoprost tromethamine).

For cattlemen, Lutalyse means more efficient A.I. and natural service breeding seasons, more efficient pregnancy checks, shorter calving seasons, earlier calves, and a more uniform calf crop. It is also effective as an abortifacient for feedlot heifers and other non-lactating cattle.

For dairymen, Lutalyse allows the scheduling of heat in heifers and the treatment of unobserved estrus (silent heat) in lactating cows – with *no* milk discard.

And, although other prostaglandin products are available, Lutalyse is the one more veterinarians

purchase. Lutalyse is the only one which contains a natural prostaglandin – not an analog. Four years of repeated usage in beef herds at The Upjohn Company has shown no adverse effects on animal health or fertility.<sup>1</sup> Even tests of 7 repeated Lutalyse injections of heifers at 10, 11 or 12 day intervals for 70-84 days did not result in adverse effects on ovaries or fertility.<sup>2</sup>

If you'd like to help your cattlemen and dairymen improve their breeding management, talk to your Upjohn representative about Lutalyse. It's the only natural way to go.

1. Upjohn Technical Report 627-9665-82-003
2. Upjohn Technical Report 627-9670-81-002

## Lutalyse

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<b>Oklahoma VMA</b>	<b>Jan. 13-16</b>	<b>Oklahoma City, OK</b>
<b>Nebraska VMA</b>	<b>Jan. 22-24</b>	<b>Kearney, NB</b>
<b>Missouri VMA</b>	<b>Jan. 27-29</b>	<b>Osage Beach, MO</b>
<b>Texas VMA</b>	<b>Feb. 4-7</b>	<b>Dallas, TX</b>
<b>Intermountain VMA</b>	<b>Feb. 19-23</b>	<b>Las Vegas, NV</b>
<b>Ohio VMA</b>	<b>Feb. 24-26</b>	<b>Columbus, OH</b>

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