

District 11 News

Dr. L. M. Koger
District 11 Director
Pullman, Washington

The response to last year's gleanings from a sabbatical summer (1973) encouraged me to repeat a report compiled from visits to practitioners in approximately 90 different practices during the summer of 1974. For every gem that came to light it is likely that there were many more that failed to come to mind or seemed less than noteworthy to a pragmatical practitioner.

Business Management

1. To insure that one of them is in the clinic at all times, Drs. Campbell and Plotts of the Whatcom Veterinary Clinic, Custer, Washington, use the same practice truck.

They save excess Surital solutions, whether bloody or not, and use it for euthanasia.

Visiting detail men are asked to keep prices of their particular products up to date on file cards whenever they make their calls. Under present conditions this is a real help in keeping dispensing charges in line.

2. The attractive, eye-catching, round building housing the Skagit Animal Clinic, Burlington, Wash., is a local landmark and easily found by strangers in the community.
3. Two "practice builders" from the Victor (Mont.) Veterinary Clinic:
 - a. Color coded pink and blue record sheets distinguish the sex of patients and avoid irking owners by inadvertently referring incorrectly to a "he" or a "she."
 - b. Particularly in Arabs, they try to give the horses' noses a good rubbing after twitching. The after effects are apparently pleasant for both horse and owner!

Genuine hewn log beams from an old cabin are exposed overhead lending a secure impression of sturdy construction to their pleasant waiting room. Well-made old church pews, polished by long use, provide attractive seating.

For sound business procedures see "Our Own Six Step Collection System" by Dr. Donald Buehlke in *Veterinary Economics*, June, 1974.

4. Simple benches covered with thick, brightly colored carpeting make good looking, comfortable, versatile and inexpensive seating at the Belgrade (Mont.) Veterinary Hospital.

Clinic Facilities

1. Among veterinarians who have modified trailer houses into veterinary clinics are Dr. H. C. Maycumber, Tonasket, Wash.; Dr. C. L. Bininger, Kamiah, Idaho; and Drs. C. and K. Reeves, Dayton, Wash.
2. The number of metal clinic buildings around the Pacific Northwest is increasing. Properly constructed, they have many advantages. Good ex-

amples are the Valley Heights Veterinary Center, Omak, Wash.; Yellowstone Veterinary Service, Livingstone, Mont.; and Laurel East Veterinary Service, Laurel, Mont. (For more, see page 88 in the 1974 *Bovine Practitioner*.)

3. There is only one way to control traffic in a clinic building other than locking doors and that is to remove the doorknob on the forbidden side, according to Dr. B. E. Ross, Nyssa, Ore. Under the same listing he has a second phone on an automatic "roll-over" switch to avoid the objections of his clients that "Your phone is always busy."
4. A calf cradle on casters conveniently carries the calf away from the C-section at the Dillon (Mont.) Veterinary Clinic.

Their truck loading ramp is inside the building and target marks are painted on the outside around the door for the truck driver. Protected from the weather, the ramp always provides good footing and animals leave the building cooperatively.

5. A modified steel gate is the left side of the chute that Dr. J. B. Schmitt, Bozeman, Mont., uses for standing C-sections. At a point about 28" off the floor, the top hinges down. Four inches lower, a support bar extends into the chute for the cow to sag down on. Using 5 cc. of Talwin and 1½ cc. of Acepromazine, he finds local anesthesia is unnecessary.
6. A homemade plywood walk-in refrigerator in the basement of the Bozeman (Mont.) Veterinary Hospital provides adequate space for items that often are improperly stored. Part of the insulation is spray-on urethane.
7. A small remodeled barn provides the Laurel (Mont.) Veterinary Hospital with professional and functional housing.

For a period of years, Dr. Ray L. Turcotte made calls in his private helicopter, obviously convenient under many circumstances. One disadvantage was the obligation to respond to emergencies such as lost persons, accidents, illnesses, etc., for which recompense often never materialized.

8. Pressed rubber fiber mats as used in horse trailers

cover the floor surface in the large animal surgery at the Billings (Mont.) Veterinary Service.

9. A Maytag dryer from a washateria is stacked on top of the washer at the Burritt Animal Hospital, Butte, Montana.
10. Harking back to advice from Dr. Herman Trippeer many years ago, Dr. Nyles Van Hoosen built his operating arena as a 30-foot circle.
11. A hydraulic cylinder under the loading ramp permits Dr. Wm. F. Harris, Puyallup, Wash., to adjust its level at the touch of a switch.

Drugs and Biologicals

1. *Clostridium* perfringens C & D bacterin is apparently a good therapeutic in chronic bloaters for Dr. Chas. Reeves, Dayton, Wash.
2. Feed additives such as Equigard, sometimes rejected by some animals, are usually accepted readily if fed frozen after storage in a deep freezer—Associated Veterinary Clinic, Walla Walla, Wash.
3. Clovite supplementation for crooked legged foals and upward luxation of the patella has apparently produced correction in a number of animals in the practice of Dr. Neil Follett, Walla Walla, Wash. He is curious to know if other veterinarians have observed similar benefits.
4. With few exceptions, Dr. R. L. Whitford, Pendleton, Ore., uses the subcutaneous route for injections of drugs and biologicals. One exception is chlorodex which must be carefully given intravenously for its intended purpose. For chemosurgical removal of tissues such as fibromas, Dr. Whitford injects .25 ml. deposits at approximately 2 cm. intervals throughout the stroma of the lesion and expects a clean dry slough in about three weeks. If any of the solution escapes in the subcutis, a triangular area of necrosis will develop.
5. Zinc and Scarlet Gauze is a favorite wound dressing with Drs. Kovach and Schram, Island City, Oregon.

Their clients keep coming back for an equine anti-cough formula that they have dispensed for many years. It is composed of equal parts of sulfathiazole, sulfamethazine, proprietary organic iodide powder, and sugar, and is given in the feed at the dosage of four tablespoonsful daily for five days on grain.

6. Oral phenylbutazone adjunctively in downer cows at the rate of three grams the first day, two grams on the second day, and one gram on the third has been followed with gratifying results for Dr. H. C. Schlingman, Baker, Oregon.

Sodium iodide intravenously is standard therapy for equine encephalomyelitis in his practice.

7. A mixture of one part Nolvasan Solution and three parts alcohol is dispensed by the Ontario (Ore.) Veterinary Clinic for warts on cows' teats and in horses' ears, and for ringworm.

One part DMSO to four parts Tresaderm seems to enhance its action; similarly, equal parts of DMSO with solutions of benzyl benzoate appear more effective—Dr. Chas. Dake, Ontario, Ore.

8. For lumps and lesions on the saddle bed, Dr. James C. Murray of Livingston, Mont., brushes on three times daily a mixture of three parts DMSO and one part Flucort.
9. DMSO enhances the action of preparations such as Fulvidex and Panolog for the veterinarians in the Green Cross Veterinary Hospital, Twin Falls, Idaho.
10. Where it can be used legally, equal parts of Furacin and DMSO is a topical favorite of Dr. Ray Bradbury, Mt. Vernon, Wa.
11. Hoof dressing: DMSO plus cod liver oil—Dr. Jack Ward, Hamilton, Montana.
12. For necrotic tracheitis, the Enterprise (Ore.) Veterinary Clinic veterinarians inject intratracheally four cc. of equal parts gentamycin and dexamethasone daily.
13. Tylan plus two cc. of dexamethasone is the treatment for "woody tongue" preferred by Dr. Schyler Enocks, Caldwell, Idaho.
14. Ten grams of tetracycline powder in 200 cc. of sterile water (yielding a concentration of 50 mg/cc.) and given intravenously is effective and inexpensive therapy free of pain and untoward reaction in the hands of Dr. E. G. Stritzke, Caldwell, Idaho.
15. One cc. of gentamycin plus two cc. of dexamethasone orally is a treatment for calf scours at the Bozeman (Mont.) Veterinary Hospital.
16. To hydrate calves, sometimes Dr. L. V. Reubel, Jerome, Idaho, instructs the owner to give an enema of two ounces of salt and soda water every thirty minutes; propylene glycol may be added. He has found that large doses of dexamethasone consistently induces parturition in ewes, and may be indicated in ketosis.
17. Ketaset is used as an anesthetic in birds by Dr. John Lee, Meridian, Idaho, in dosages of 10-30 mg. per pound of body weight. Coca Cola administered with an eyedropper is used as a stimulant.

Incidentally, he routinely gives 8-12 cc. Scorbate in canine distemper.

18. Encephalitis in ewes is a problem in Dr. Ralph Wilder's practice in Eagle, Idaho. Treatment with intravenous chloromycetin (1 gram) plus a calculated dose of Flucort, followed up with ½ gram doses of chloromycetin as necessary, has been successful.
19. Spirits of turpentine applied to the chestnuts of equine encephalou sleepers seems to wake them up is the observation of Dr. Hugh Leslie, Ennis, Montana.
20. Mag-chloral solution 12-15 cc. plus five cc. Talwin mixed in the same syringe is a favorite sedative at the Belgrade (Mont.) Veterinary Hospital. In standing horse castrations, Dr. Bob

Myers injects ten cc. of 2% Lidocaine in each cord.

21. Omizole Medigun therapy for a wide range of intestinal parasitism is popular with the veterinarians at the Billings (Mont.) Veterinary Service; also Amprolium in coccidiosis.
22. Furea boluses are sometimes used to pack abscesses by Dr. June Konz of Republic, Washington.
23. An ointment of 2% phenol and 98% lanolin is taped on the end of a cow's teat following surgery to the sphincter-Northwest Veterinary Clinic, Stanwood, Wash. This preparation is part of a valued heritage from the late Dr. Carl Hjort.
24. Arecoline was widely used in the past and Dr. Nyles Van Hoosen, Auburn, Wash., finds it equally effective in the present. In grain engorgements, he gives ½ gr. subcutaneously as soon as possible to prevent founder; and a like amount for choke. For impaction of the large colon, he gives ⅓ gr. and repeats at hourly intervals if necessary.

Beechwood creosote in mineral oil is another old stand-by (in concentrations ranging from one oz. to the quart—one oz. to the gallon) for gastrointestinal disorders including calf scours to winter dysentery. Dosage: 1-4 oz., two to three times daily.

25. A gallon jug of Carmilax in suspension on hand comes in handy—Enumclaw (Wash.) Veterinary Clinic.
26. A 1-10 addition of "pen-strep" to procaine solution is used by Dr. Carter Guptill, Puyallup, Wash., to infiltrate around lacerations before debridement and suturing. Much greater success in first intention healing has followed this procedure.
27. For shipping fever in calves: five cc. Kymar intravenously.

For coughing horses: 360 mg. Furadantin plus 10 cc. Azium solution intravenously. One treatment may be successful.

Stallion stimulant: Follicle Stimulating Hormone weekly for up to six weeks.

To prevent untoward reaction to intravenous injection of oxytetracycline add ten cc. of Azium solution—Dr. Art Staudt, Columbus, Montana.

28. Serendipitously, pathology research personnel at WSU discovered beneficial end results of Rompum in a choked goat.

Large Animal Equipment

1. The side bars on the stocks in the new Walla Walla Associated Veterinary Clinic are attached to the uprights by a unique device that permits up or down adjustment. A spring loaded collar on the uprights is joined to a hinged insert in the end of the side bar.
2. There are two veterinary practices in Baker, Ore., and both use a clever improvement on the old homemade rope halter. A quick release honda is

attached to the left side of the halter for the lead rope to pass through. Flipping the catch on the honda releases an animal very easily unless it has horns.

When questioned as to the origin of the idea both parties expressed surprise that anyone would be unaware of the feature. They had used it for so long that its origin was forgotten and had supposed that it was in common use elsewhere.

The above inspired Pat Rice, a graduating senior at the WSU College of Veterinary Medicine, to devise a modification using yellow braided plastic rope. The placement of the quick release honda is similar, but its function is to attach to the left end of the nose piece a small loop in the end of the lead rope which passes up over the head and down under the chin through loops in either end of the nose piece, thus permitting easy release of a horned animal as well as those without.

3. A probang, to facilitate the passage of a catheter into the bladder following urethrotomy, is made from electric fence wire with the tip curved about 45 degrees to dodge the diverticulum. Dr. C. Rowan, Weiser, Ida., and Dr. H. C. Schlingman, Baker, Ore., use it routinely, with the latter usually suturing it in place for several days and injecting ten cc. of Furacin into the bladder daily.
4. After many years of use, Dr. Chas. Dake of Ontario, Ore., still likes hip boots and a short raincoat for obstetrical work and pregnancy testing, especially in inclement weather.
5. Before kneeling on wet or messy surfaces, Dr. Lloyd Knight, Mountain Home, Idaho, improvises plastic OB sleeves into leggings. A TV tray set up and loaded when he leaves his vehicle serves Dr. Knight as a combination carrying and chute-side convenience.
6. A sheet metal top on a child's card table provides Dr. Don Shaffner, Dillon, Montana, with a sturdy convenient surface for chute side use.
7. A Gillette safety razor with the guard points broken off is used to prepare operation sites at the Animal Medical Center, Jerome, Idaho.
8. To avoid rope burns when tying up a leg, the Belgrade (Mont.) Veterinary Hospital uses a pony cinch around the leg. One ring of the cinch has been bent into oval form and is threaded through the other ring to bring the looped cinch snug against the leg.
9. The fastest and most effective way to wash the hind end of a cow is with a metal curry comb as a "wash cloth"—Yellowstone Veterinary Service, Livingston, Montana.

Bale twine half-hitched on a mare's tail is a good tail wrap.

10. A three-gallon plastic dairy bar milk sack functions as a reservoir for infusion sets at the Project Veterinary Clinic in Worden, Mont.
11. Trailer house plastic plumbing tubing is used to make equine stomach tubes by Dr. K. Burritt,

Butte, Mont.

12. Tingley rubber overshoe boots for irrigators provide Dr. H. C. Maycumber, Tonasket, Wash., with serviceable footwear. He also reports that peavey handles are good "back-up" bars for cattle crowding chutes.
13. Not all practitioners prefer the expensive modern custom made practice rigs, considering their costs and the possible advantages of other vehicles. Dr. E. G. Stritzke, Caldwell, Idaho, prefers passenger pick-ups and inexpensive facilities for water and refrigeration. Jugs of water ("walking" water, that is, to the site of action as contrasted with running water back at the truck) can be filled as easily as a tank. Well insulated ice chests must be replenished frequently, thus automatically preventing periods without refrigeration as may occur in the electric refrigerator with unexpected interruption of power or mechanical failure. Also the frequent look in at the chest's contents keeps the inventory more currently in mind.
14. Multiple dose bottles of injectables, upside down in a modified set of saddle bags with the diaphragm stoppers exposed, facilitate treatment of animals while riding the pastures of Dr. Ed Johnson's ranch near Parma, Idaho. Loops and pockets are completely convenient for syringes, balling gun and boluses, etc.
15. After stripping off the opaque paper from J.& J "Barrier" Sterile Field, Dr. Carter Guptill, Puyallup, Wash., uses Vi-Drape Adhesive to cement the drape to the surgical site.
16. A strap-on wooden sole (Cow Hoof Shoe, Nasco) for the lame cow with one sore toe saves time and trouble for veterinarians at the Northwest Veterinary Clinic at Stanwood, Wash.
17. From the practice of Drs. Harsch and Hanks, Goldendale, Wash., by way of WSU senior preceptor student Bill Parker, comes a dehorning saw suggestion. Using a fold-up curved pruning saw, the amputation is made from the lower side of the horn and sawn upward. Advantages of speed, control, and longer ends on the bleeding vessels are claimed.

Large Animal Procedures

1. Following vaginal prolapse, an intravaginal (just posterior to the urethral orifice) retention purse string suture is a technique used by the Baker, Ore., Animal Clinic.
Dr. Ray L. Turcotte, Laurel, Mont., may use as many as three circles of Vetafil continuously in perverse cases. They report good results.
2. Modifications of the surgical procedures for repair of perineal lacerations in the mare have been devised by Dr. Craig Rowan of Weiser, Idaho. Persons confronted with the operation might wish to contact him for the details of his technique. Briefly, in principle, it is similar to amputation of the prolapsed rectum in the bovine.
3. Jorgensen's Shurjets for hard milkers have been successful in the hands of Dr. Tom Gray, Vale, Oregon.
4. Cattle that have been eating onions are poor surgical risks—Dr. Chas. Dake, Ontario, Ore.
5. Correction of some umbilical hernias in animals not over six weeks: inject approximately one cc. of Hypodermin in six divided doses in the muscles surrounding the hernial ring. Maintain reduction with a sponge secured around the body. Credit for the idea: Dr. L. V. Reubel, Jerome, Idaho. Another tip from him: For moderate traction in obstetrical deliveries, a lariat rope, chain handle and a convenient post can provide an impromptu pulley system.
6. The Buhl Animal Clinic, Buhl, Idaho, has devised an informative infertility record form for herd health work.
7. In most of his difficult dystocias, Dr. P. D. Hatfield of Victor, Mont., instructs an assistant to stand beside the cow with his knee in her flank and steady her in the Ugstad position (hind legs back) by holding her tail up. After correction of the cause, the cow may be laid over on her side. On his own ranch, a hill top home and a 20 power spotting scope provides excellent surveillance of the livestock.
8. Technique for cementing rubber glove to sleeve, courtesy Dillion, Mont., Veterinary Clinic. Cut bottom out of 500 cc. plastic bottle; place glove inside with cuff reflected over the outside. Put sleeve partway over a glass 500 cc. bottle. Slide glass bottle into glove until fold of glove and edge of sleeve meet. Apply cement to exposed cuff and comparable area of sleeve. Allow to become tacky. Push plastic bottle forward and wristlet rolls over into place. Heavy band on glove may be cut off.
9. Control of hemorrhage in the castration of larger calves and bulls by placing a Weck Hemoclip (he emphasized Weck) over the vessels has resulted in gratifying results for Dr. Jack L. Rea of Three Forks, Mont. He injects Brucella Strain 19 vaccine subcutaneously over the ribs just above the side of the chute and has not observed any of the reactions that seem to be increasing for many practitioners.
10. Before operating for left side abomasal displacement, Drs. Pedersen and Hardman, Lynden, Wash., routinely give the cow one pound of Carmilax powder, cast and roll her.
11. One man calf castration restraint: throw calf (preferably small) on its left side (probably); surgeon hooks his left knee around calf's right hind leg and crouches down on calf; proceeds with surgery. This technique is used by Dr. Perry Dahlquist, Enumclaw, Wash., Ed. Note: Under similar circumstances, old-timers, after excising the tip of the scrotum, used to complete the

operation with their teeth, performing a remarkably fast and clean operation. Even more convenient is the Batchler All-In-One Castrator.

12. If the blood tube is filled full and laid on its side until serum separates, the clot can usually be removed by slowly twisting the stopper free and lifting out the adhering clot. Another tip from Dr. H. C. Maycumber, Tonasket, Wash., is the handy stepladder for work performed in the truck without unloading the animal.

Philosophy

1. **Rules for a successful partnership include an agreement on one final decision maker, and a minimum of socializing between partners outside of office hours—Dr. R. L. Whitford, Pendleton, Ore.**
2. Package label print too small for persons with average eyesight should be prohibited by law—Dr. B. E. Ross, Nyssa, Ore.
3. Dr. R. C. Lott, Twin Bridges, Mont., points out the potential for pasturage along roads and highways in his part of the country. Presently this is mostly wasted except for occasional haying operations.
4. The time and effort necessary to explain clients' veterinary problems is minimized by handing out photocopies of appropriate articles from a file kept by Dr. C. Orr, Missoula, Mont., Veterinary Clinic.
5. **“Beware the Dog” signs may discourage burglars, but if you actually turn the dog loose in the hospital, be sure to take the sign down, is the advice of the Valley Heights Veterinary Hospital, Omak, Wash. Recent legal rulings suggest that a hospital may be held liable for biting dogs, regardless of who might be bitten.**
6. To keep herd health programs viable, be sure to take the initiative and make a date for the next visit before leaving, is the sound advice of Drs. G. H. Jones and F. F. Christofferson, Sedro Woolley, Wash.

7. *Final sobering thought: Taking all factors into consideration, a one percent increase in the efficiency of animal production would be a major step forward—Dr. E. E. Elefson, Stanwood, Wash.*

Miscellaneous

1. The ultra-sound fine point water pick is used to break down uroliths in tom cats at the Caldwell Veterinary Hospital.
2. A second hand suction machine has been modified to dry his Bangs test pipettes by Dr. Paul Jacobsen of Shoshone, Idaho.
3. Polaroid pictures for instant identification on individual health records are featured by the Animal Medical Center, Jerome, Idaho.
Dr. Dan Barrett is pleased with the plastic coverall available from the Tuff-Lite Corp., LaGrande, Ore.
4. Waterproof aprons are old as the hills, but the new lightweight clear plastic aprons keep people clean and professional looking at the Baker, Ore., Veterinary Hospital.
5. Elastic extension of power cords or infusion tubing, is accomplished with light latex tubing taped across the mouth of u-shaped loops of the cord at the Bozeman, Mont., Veterinary Hospital.
6. The cool handled sad iron of yesteryear has nothing over the cool handled branding irons used by Dr. B. D. Kuhl, Baker, Ore. A comparatively short handle, probably about two feet of perforated pipe or conduit, is welded to the branding iron. The ventilating holes prevent the handle from heating up. Holes of approximately 1/4" in diameter are drilled through both sides of the pipe in a rotational pattern about 2" apart.
7. An inexpensive method for determination of Urine Specific Gravity and total Plasma Proteins is being evaluated. For further information contact Clint Balok, Redrock Animal Hospital, Highway 32 Bypass, Gallup, N. Mex. 87301.

**Declared Intentions of the 1975
Graduating Class, W.S.U. College
of Veterinary Medicine**

Mixed Practice	28
Primarily Large Animal - 14	
Primarily Small Animal - 4	
Large Animal Practice	1
Equine - 1	
Total Mixed and LA - 29 (50%)	
Small Animal Practice	13
Military	2
Regulatory	2
Graduate Studies	9
Returning to Home State	27
Returning to Home Community	9
(Two sons returning to father's practices)	
To Other Than Home State	28
Undecided	2

District 2 News

A "Bovine Fertility" Seminar was held at the Holiday Inn, Frederick, Maryland, on June 7 and 8, 1975. The speaker was Dr. Ben D. Harrington, Raleigh, North Carolina, a past-president of the AABP and currently the AABP delegate to the AVMA House of Representatives.

The Seminar dealt with heat detection, metritis, venereal diseases, nutrition, insemination and problems concerning the reproductive tract.

Fifty-five veterinarians from eight states and the province of Quebec, and three students attended.

The Seminar was organized by Dr. Jack E. Shanks, Director, District II.



Dr. Ben Harrington, right, discussing one of the techniques with Dr. Jack Shanks.

Dr. Harry Magrane Installed as AVMA President

Dr. Harry J. Magrane (Texas '43), Indiana practitioner, was installed as president of AVMA, July 15, in Anaheim, Ca. Dr. Ronald F. Jackson (MSU '40), newly elected chairman of the AVMA Executive Board, performed the installation ceremony, presenting Dr. Magrane with the gavel of office during the Inaugural Luncheon at the Anaheim Convention Center. Approximately 450 members and guests attended.

During the past year, Dr. Magrane, while serving as president-elect, has represented AVMA before many state veterinary associations and allied groups as well as serving as a member of the AVMA Board of Governors and an *ex officio* member of the Executive Board.

He has been in practice in Mishawaka, Indiana, his hometown, for the past 27 years, limiting his practice during the past 18 years to small animal medicine. He has been active in organized veterinary medicine for 25 years, serving as president of the Michiana VMA and the Indiana VMA before beginning years of ser-

vice in AVMA. He was elected to two terms on the AVMA Council on Veterinary Service, serving as chairman one year and resigning in 1969, during his second term, to accept an election to the AVMA Executive Board. He was elected chairman of the Executive Board and Board of Governors in 1971 and reelected to the office in 1972.

Dr. Magrane has been a member of the American Animal Hospital Association since 1942 and has served as one of the association's regional directors of continuing education. He frequently lectures around the country on internal medicine and hospital management. As a member of the board of directors of the Humane Society of St. Joseph County, Ind., Dr. Magrane has accomplished many things that have improved relationships between the humane society and his local veterinary association.

He is a past president and active member of the Mishawaka Kiwanis Club and was founder of the club's Scholarship Loan Foundation.

As president of AVMA, he will continue to serve on the Executive Board and the Board of Governors.

Dr. Gorman AVMA President-Elect

Dr. Harry A. Gorman (Col. '39), teacher, research scientist, and administrator at Colorado State University for the past 10 years, was elected president-elect of AVMA, July 13, at Anaheim, Calif.

Dr. Gorman started his veterinary medical career as a general practitioner in Auburn, Ind., in 1939.

After World War II, where he served in the Army Veterinary Corps for six years, Dr. Gorman transferred to the US Air Force, where in 1946, he became the first regular officer in charge of the Air Force Veterinary Corps. Here he began 20 years of research in surgery and bioelectronics. From 1952-1956, he was assistant professor of military science and tactics for the veterinary ROTC unit at Ohio State University. While there, he developed a complete prosthetic hip joint for animals that was adapted and is currently in use for human beings.

In 1956, Dr. Gorman was appointed chief of veterinary services at the School of Aviation Medicine, US Aerospace Center, Brooks AF Base, where he pioneered the first backpack radio for telemetering physiological data from animals in orbiting satellites (the Discoverer III Project) and worked with primates that preceded man in space.

After retiring from military service in 1960, Dr. Gorman joined Martin Marietta's Life Sciences Laboratories in Denver. A year later, he was promoted to manager of the Life Sciences Department. While there, he developed biomedical implants, sensors, and electrodes for monitoring physiological parameters in experimental animals.

These animal experiments were in support of the Mercury and Gemini space programs. Through other animal experiments, Dr. Gorman designed the couch-type seat for optimum launch protection for primates used in space flight. He received the National Gamma Award in 1960 for outstanding contributions in veterinary medicine.

In 1964, Dr. Gorman returned to CSU as professor of clinical sciences in the College of Veterinary Medicine. He received the Honor Alumnus Achievement Award from the University in 1968. He has published more than 30 scientific articles in the field of animal research for space, bioinstrumentation, veterinary medicine, and orthopedics.

He is a founding diplomate in the American College of Veterinary Surgeons and a diplomate in the American College of Laboratory Animal Medicine. In 1974, the Colorado VMA named him Colorado's "Veterinarian of the Year." He holds several patents.

Colorado State University appointed Dr. Gorman assistant dean of veterinary medicine in 1973. Currently, he is president of the Colorado State University's Men of Science and a member of the faculty council.

Dr. Gorman and his wife, Margaret, have been married 26 years. They have two children, Patricia Ann and Harry Alan.

The new president-elect was installed in office Tuesday, July 15, during the Inaugural Luncheon in the Orange County Room, Convention Center.

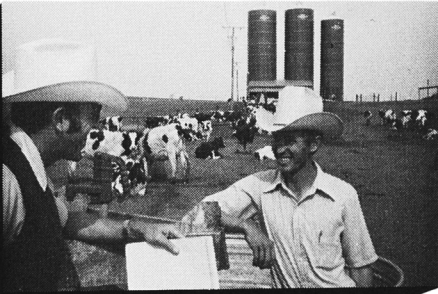
Index of Advertisers

Affiliated Laboratories	13, 116, 117
American Breeders Service	107
American Cyanamid	9
Beecham Laboratories	68
Bristol Laboratories	54, 55
Burns Biotec	133
Diamond Laboratories, Inc.	99
Elanco	5
Fort Dodge	86, 87
Merck	31
Pitman Moore	17
Ritchey	27
Roche	41, 42
Schering	Back Cover
Squibb	20, 21
Upjohn	111, 125

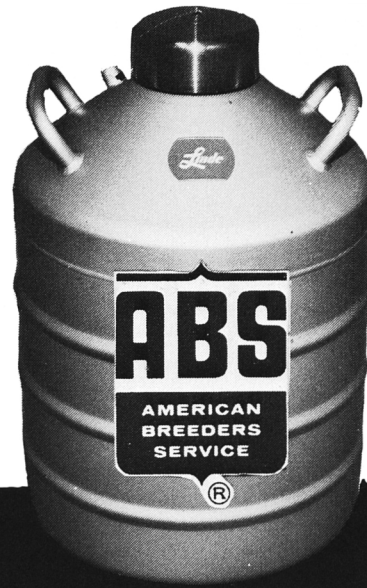
**IT'S YOUR
CONVENTION**

**BE
THERE!**

**8th
Annual
Conference
DEC. 10-13, 1975
Hyatt Regency Hotel
Atlanta, Georgia**



Your Silent Partner



AMERICAN BREEDERS SERVICE
DeForest, Wis. 53532

Name _____ Student

Address _____ Phone _____

Town _____ State _____ Zip _____

Send me information on: Breed _____

Direct Herd Program

Herd Owner Training, Semen & Equipment.

Becoming an ABS Representative.

Have an ABS Representative call. ABS-1273A

ABS is an authorized distributor of *Linde* Cryogenic refrigerators.
Quality equipment for quality service.



8th
ANNUAL
CONFERENCE

**AMERICAN ASSOCIATION
OF
BOVINE PRACTITIONERS**

DEC. 10-13, 1975

**HYATT REGENCY HOTEL
ATLANTA, GEORGIA**



Pre-Convention Seminars

Pre-Convention Seminars

Seminar I - Production of Quality Milk

Arranged by The American Association of Bovine Practitioners. *Dr. Ben D. Harrington, Chairman, Raleigh, North Carolina*

Sanitation: Milking Techniques; Dry Cow Management: Dr. John M. Woods, Mesa, Arizona

Milking Machine Function and Testing: Dr. Ben Harrington, Raleigh, North Carolina

Bacteriology, Culturing Procedure and Laboratory Techniques: Dr. Nelson Philpot, Homer, Louisiana

Quality Milk Production; Off Flavors; Ropy Milk; Bacteria Counts: George Perlmutter, Fieldman for Coast Grain Co., Los Angeles, California

(Registration Fee: \$225.00. Pre-registration by November 1. Limited to 20. Reservations with fee to Dr. H. E. Amstutz, Secretary-Treasurer, AABP, Box 2319, West Lafayette, Indiana 47906)

Monday, December 8, 1975, 8:00 a.m. to 5:00 p.m. Room: York

Tuesday, December 9, 1975, 8:00 a.m. to 5:00 p.m. Farm Trip: York

Wednesday, December 10, 1975, 8:00 a.m. to 5:00 p.m. Room: Lancaster D

Seminar II-Physiology of Reproduction

Arranged by The Society for Theriogenologists. *Dr. D. John Williams, Chairman, Athens, Georgia*

Wednesday, December 10, 1975. Room: Lancaster A

8:00 a.m. to 12:00 noon. Dr. Kieth Betterage: Canadian Agricultural Animal Disease Research Institute, Ottawa, Canada

(Registration Fee: \$35.00. Limited to 35.)

Seminar III-Diseases of Central Nervous System in Cattle

Arranged by The Academy of Veterinary Consultants, Dr. Bruce Champlin, President, Dodge City, Kansas

Moderator: Dr. Roger Panciera, Professor of Pathology, Oklahoma State University, Stillwater, Oklahoma

8:00 a.m. to 10:00 a.m. - Practical Diagnosis of Central Nervous System Diseases in Cattle: Dr. James T. Ingram, Professor of Veterinary Clinics, Colorado State University, Fort Collins, Colorado

10:00 a.m. to 12:00 - Pathology of Central Nervous System Diseases in Cattle: Dr. Stuart Young, Professor of Pathology, Colorado State University, Fort Collins, Colorado

1:30 p.m. to 3:30 p.m. - Panel Discussion of Central Nervous System Diseases: Dr. Roger Panciera, Dr. James T. Ingram, Dr. Stuart Young

(Registration Fee: \$35.00 (except for AVC members)

Wednesday, December 10, 1975. Room: York/Stuart

The Program

“BICENTENNIAL . . . PROGRESS AND FUTURE CHALLENGES OF CATTLE PRACTITIONERS”

Wednesday, Dec. 10, 1975

- 8:00 a.m. to 9:00 a.m. Breakfast AABP Board of Directors
9:00 a.m. to 11:30 a.m. AABP Board of Directors Meeting.
Dr. Vernon Tharp, presiding. Room: Essex A.
12:00 p.m. to 1:30 p.m. AABP Board of Directors'
Luncheon. Room: Essex B.
1:30 p.m. to 5:00 p.m. AABP Committee Meetings.

Evening Practice Tips Session

*Dr. Robert Harris, Chairman
Turlock, California
Room: Falcon*

- 8:00 p.m. Presented by AABP Members from each District-5 to 10 minutes each.
- Dr. Robert Treat, Manchester Depot, Vt.
Dr. Carl Eisenhard, Springville, N.Y.
Dr. Gale H. Harvey, Warsaw, N.Y.
Dr. George Washington, Purcellville, Va.
Dr. Jack Shanks, Damascus, Md.
Dr. Riley Shuler, Orangeburg, S.C.
Dr. Herb Lloyd, Belle Glade, Fla.
Dr. Jerry Mitchell, Colquitt, Ga.
Dr. Martin Fuhrer, Cedarville, Ohio
Dr. Dave Lowe, Beverly, Ohio
Dr. Keith Sterner, Ionia, Mich.
Dr. Roland S. Jeans, Evansville, Wisc.
Dr. Raymond Husmann, Breese, Ill.
Dr. Max C. Joseph, North Vernon, Ind.
Dr. Paul Eness, Ames, Ia.
Dr. Harvey L. Arands, Indianola, Ia.
Dr. Larry Jackson, Ames, Ia.
Dr. Robert Scott, Brighton, Colo.
Dr. John Collamer, Saratoga, Wy.
Dr. Gerald Mitchell, Tulare, Calif.
Dr. Art Sutfin, Lodi, Calif.
Dr. Charles Crane, Porterville, Calif.
Dr. Bob Darlington, Snohomish, Wash.
Dr. Neil Anderson, Cheltenham, Ontario, Canada

Thursday, Dec. 11, 1975

Opening General Session

*Dr. James Jarrett, Chairman,
Rome, Georgia
Room: Phoenix*

- 8:30 a.m. Welcome - Dr. James Jarrett - Local Arrangements Chairman, Rome, Georgia
8:40 a.m. Theme: “Bicentennial-Progress and Future Challenges of Cattle Practitioners.” Introduction of Program Committee Members—Dr. L. C. Allenstein, Whitewater, Wisconsin
8:45 a.m. “The Now South” - Film “Progressive Farmer”
9:15 a.m. Opening Remarks - Dr. Vernon Tharp - President, AABP, Columbus, Ohio
9:30 a.m. The Honorable Tommy Irvin, Commissioner of Agriculture, State of Georgia. “Welcome: Some insights into Georgia Livestock Production.”
9:45 a.m. Progress in Infectious Disease Control - Dr. M. Robert Clarkson, Peterborough, New Hampshire
10:15 a.m. Welcome to Georgia - Dr. Dave Anderson, Dean, School of Veterinary Medicine, University of Georgia, Athens, Georgia
10:45 a.m. Mr. D. W. Brooks, Chairman of the Board, Gold Kist, Inc., Atlanta, Georgia. “The Future of Agriculture as Viewed by a Pioneer.”
12:00 to 2:00 p.m. Free Lunch - Exhibit Area - Sandwich Bar. Wear Badge - Visit Exhibits. Room: Ivy Hall
12:00 to 2:00 p.m. Executive Board Luncheon and Meeting. Room: Essex A.

Afternoon Schedule Split Sessions

Dairy Section: Theme: The Dry Cow - One Month Before Drying to One Month Post Partum. Room: Falcon

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

Reproduction:

- 2:00 - Post Partum Treatment and Hormone Use in the Dairy Cow. Dr. Riley Shuler, Practitioner, Orangeburg, South Carolina
2:30 - Handling Dystocias, Induced Parturition, and Abortions in the Dairy Cow: Dr. Clarence Bierschwal, Columbia, Missouri
3:00 - GnRH and Prostaglandin Use in the Fresh Cow: Dr. Jack Britt, East Lansing, Michigan
3:15 p.m. Questions and Answers

Nutrition:

- 3:30 p.m. Feeding the Dry Cow: Professor M. E. McCullough, Griffin, Georgia
4:30 p.m. “How I Feed Dry Cows in my own Two Herds”: Dr. Ben Harrington, Practitioner-Dairyman, Raleigh, North Carolina
4:50 p.m. Questions and Answers

Feedlot and Cow-Calf Section Combined Session - Room: Condor

*Dr. Frank Mitchell, Chairman and Moderator,
Tifton, Georgia*

- 2:00 p.m. to 3:00 p.m. Dr. Larry Jones, Texas Veterinary Medical Diagnostic Laboratory, College Station,

Texas; Topic: "How to Let the Diagnostic Laboratory Help You."

- 3:00 to 3:30 p.m. Dr. Wayne Kadel, Kentucky Diagnostic Laboratory, Hopkinsville, Kentucky; Topic: "Gross Pathology of Thoracic Viscera."
 3:30 to 4:15 p.m. Dr. Herschell Giles, Department of Pathology; Auburn University, Auburn, Alabama; Topic: "Gross Pathology of the Abdominal Viscera."
 4:15 p.m. to 4:45 p.m. Dr. D. John Williams, College of Veterinary Medicine, Athens, Georgia; Topic: "Gross Pathology of the Genital System."
 4:45 p.m. to 5:00 p.m. Questions and Answers

General Session - Evening

*Dr. L. Mac Cropsey, Chairman
 Golden, Colorado
 Room: Phoenix - Ladies Invited*

- 8:00 p.m. to 9:00 p.m. **Economics of the Cattle Industry; A Veterinarian's Concern: Dr. John Goodwin, Dept. of Agricultural Economics, Oklahoma State University, Stillwater, Oklahoma**
 9:00 p.m. to 10:00 p.m. **Public Relations for the Bovine Practitioner: Chandler Melloy, Public Relations, California Veterinary Medical Assn.; Moraga, Calif.**

Friday, Dec. 12, 1975

Friday, Dec. 12, 1975

General Session

*Dr. Mort Silberman, Chairman,
 Reynolds, Georgia
 Room: Phoenix*

- 8:30 a.m. Tuberculosis: Experience in the Field and the Responsibilities of the Veterinary Profession: Dr. Jim Andrews, State Veterinarian, Georgia Department of Agriculture, Atlanta, Georgia
 9:15 a.m. Salmonellosis in the Bovine: Dr. Erskine Morse, West Lafayette, Indiana
 9:45 a.m. A Practitioner's Experiences with an Experimental Oral Reo-Corona Modified Live Virus Vaccine: Dr. Paul Blackmer, Upland, California
10:45 a.m. Annual Membership Meeting of the AABP: Dr. Vernon L. Tharp, Presiding, Columbus, Ohio
 11:45 a.m. to 2:00 p.m. Free Lunch in Exhibit Area - Sandwich Bar. Wear Badge - Visit Exhibits. Room: Ivy Hall
 11:45 a.m. Executive Board Luncheon and Meeting: Dr. Leland Allenstein, Presiding, Whitewater, Wisconsin. Room: Essex A.

Dairy Section

*Dr. Fred Troutt, Chairman,
 Blacksburg, Virginia*

Mastitis:

- 2:00 p.m. Handling and Preventing Mastitis in the Dry Cow: Dr. John Woods, Practitioner, Mesa, Arizona
 2:30 p.m. Some Special Mastitis Problems in Dry Cows: Dr. John Winkler, Auburn University School of Veterinary Medicine, Auburn, Alabama
 3:00 p.m. "How I Handle and Prevent Dry Cow Mastitis in my Own Herd": Dr. Charles Baird, Practitioner-Dairyman, Hendersonville, Tennessee
 3:15 p.m. Questions and Answers

Housing, Parasites, Vaccinations and Other Dry Cow Problems:

- 3:30 p.m. Northern States (25 minutes): Dr. Ed Sterner, Practitioner, Ionia, Michigan. Central States (25 minutes): Dr. Doug Cox, Practitioner, Bardstown, Kentucky. Southern States (25 minutes): Dr. Howard Acree, Practitioner, Jacksonville, Florida
 4:45 p.m. Use of a Large Animal Laboratory: Dr. Fred Troutt, Blacksburg, Virginia
 5:00 p.m. Questions and Answers

Cow-Calf Section

*Dr. Herb Lloyd, Chairman,
 Belle Glade, Florida
 Room: Lancaster D and E*

- 2:00 p.m. Adult Vaccination for Brucellosis. Why? Why Not?: Dr. Paul Nicoletti, Jackson, Mississippi
 2:30 p.m. Brucellosis: Veterinarians' Duty in Brucellosis Eradication: Dr. Paul Becton, Hyattsville, Maryland
 3:00 p.m. Case Histories of *Clostridium hemolyticum* Infection: Dr. Ben Plummer, Immokalee, Florida
 3:20 p.m. Problems Encountered with Retaining Yearling Calves on Farms in the South: Dr. Jodie Blackwell, Tuskegee, Alabama
 3:50 p.m. Problems Encountered with Retaining Yearling Calves on Farms in the North: Dr. Jack Ward, Hamilton, Montana
 4:20 p.m. Wheat Pasture Poisoning: Dr. G. P. Mayer, Stillwater, Oklahoma
 4:45 p.m. Questions and Answers

Feedlot Section

*Dr. Robert Hudson, Chairman,
 Auburn, Alabama
 Room: York/Stuart*

- 2:00 to 2:50 p.m. Nutrition and Feedlot Health: Professor Marshall McCullough, Griffin, Georgia
 2:50 to 3:20 p.m. Health Programs and Problems Encountered with Incoming Calves and Yearlings in the Feedlot: Dr. O. E. Hundley, Lexington, Nebraska
 3:20 to 3:50 p.m. Environmental Housing for Cattle: Dr. Dick Bates, Sudbury, England
 3:50 to 4:20 p.m. Pre-feeding Trials Before Entering Feedlot or Pastures: Dr. Wally Koers, Amarillo, Texas
 4:20 to 5:00 p.m. Problems of Recycling Manure for Feed: Cattle Manure-Dr. W. B. Anthony, Auburn, Alabama. Poultry Manure-Dr. Charles Dobbins, Athens, Georgia

Entertainment

- 6:00 p.m. Cocktail Hour - Cash Bar. Lancaster Room
 7:30 p.m. Georgia Country Bash. Phoenix Room
 9:00 p.m. Jerry Clower Entertainment. Dr. Dilmus Blackmon and his band.

Saturday, Dec. 13, 1975

Saturday, Dec. 13, 1975

Combined Session

*Dr. W. C. Booie, Moderator and
 Chairman, Tuskegee, Ala.
 Room: Phoenix*

Biotef II®

Two time-tested antibiotics for dry cow therapy.



Procaine penicillin G and neomycin sulfate are now combined in Biotef II for wide-spectrum coverage against most mastitis-causing bacteria.

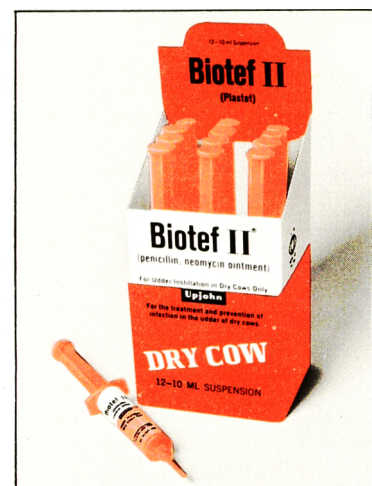
Biotef II is an excellent tool for your program of dry cow therapy — the 4th step in your professional Modern Mastitis Management program. Specify Biotef II to your clients for dry cow therapy.

WARNING: For use in dry cows only. Infuse no later than four weeks prior to calving. Milk taken from animals within 96 hours (8 milkings) after calving must not be used for food. Animals infused with

this product must not be slaughtered for food from time of infusion to 96 hours after calving.



Biotef II belongs in your program of professional Modern Mastitis Management, which involves these 4 steps: 1. Properly operate and maintain milking equipment. 2. Treat clinical mastitis flare-ups immediately. 3. Dip teats in a recommended antiseptic after each milking. 4. Follow a program of dry cow therapy.



from the strong red line of **Upjohn** Veterinary Products, Kalamazoo, Michigan 49001



The Bovine Respiratory Disease Problem

- 8:30 a.m. Pulmonary Structure, Function and Defense Mechanisms: A. A. Ardans, D.V.M., M.S., Assoc. Professor, Dept. of Medicine, School of Veterinary Medicine, University of California, Davis
- 9:30 a.m. Immunologic Concepts Relating to the Bovine Respiratory System: B. I. Osburn, D.V.M., Ph.D., Assoc. Professor, Dept. of Pathology, School of Veterinary Medicine, University of California, Davis
- 10:30 a.m. Treatment of Bovine Bronchopneumonia: C. A. Hjerpe, D.V.M., Assoc. Professor, Dept. of Medicine, School of Veterinary Medicine, University of California, Davis
- 11:30 to 12:00 Noon. Panel Discussion

1:30 p.m. Executive Board Meeting. Room: Essex A

Autotutorial Program

December 10, 11, 12 - Ivy Hall

Exhibits

December 10, 11, 12 - Ivy Hall

Registration: Restricted to Veterinarians and Wives, Veterinary Students, Exhibitors and Invited Guests

Tues., Dec. 9, 1975: Terrace Level, 2-5 p.m.

Wed., Dec. 10, 1975: Terrace Level, 8 a.m. - 5 p.m.

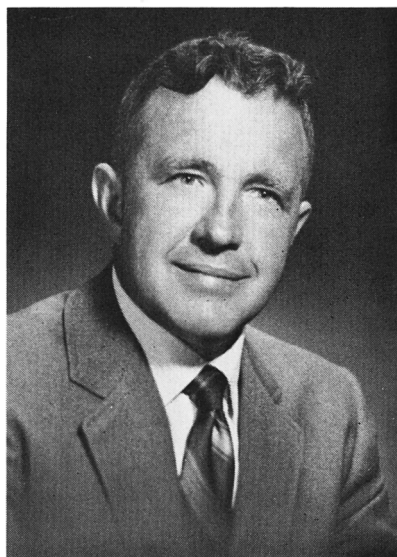
Thurs., Dec. 11, 1975: Terrace Level, 8 a.m. - 5 p.m.

Fri., Dec. 12, 1975: Terrace Level, 8 a.m. - 5 p.m.

Sat., Dec. 13, 1975: Terrace Level, 8 a.m.

Greetings from the General Program Chairman

Bicentennial — Progress and Future Challenges of the Cattle Practitioner



L. C. Allenstein, D.V.M.
General Chairman

In planning the 1975 Eighth Annual Conference of the American Association of Bovine Practitioners, a bicentennial theme had to be the natural one to follow. It seemed fitting to cover some of the progress we have made in the last 200 years with infectious disease control of cattle. This alone has a direct effect on the health of human beings in our attempt to eradicate certain zoonoses.

Not only are our accomplishments important, but also we must face new challenges and continue to attack the old ones not yet conquered; brucellosis is the first one that comes to mind.

Where have we been?

Where are we going?

Certainly we do not know. But we can give direction. This will be our attempt with the array of infor-

mative speakers. As the cattle industry's economy continues to quiver in our nation, all factors in production must be examined and fortified to have this industry survive. Infectious disease control is one of these factors. We plan to cover these as thoroughly as possible, with special emphasis on the digestive and respiratory tracts.

In the dairy section we also plan to look at the dry cow, one of the trouble areas in bovine medicine. Nutrition, mastitis, reproduction, housing, parasites, and vaccination procedures will be considered by veterinarians in practice, dairymen on the farm, and specialists in their chosen fields.

We have tried to orient the program to the bovine practitioner.

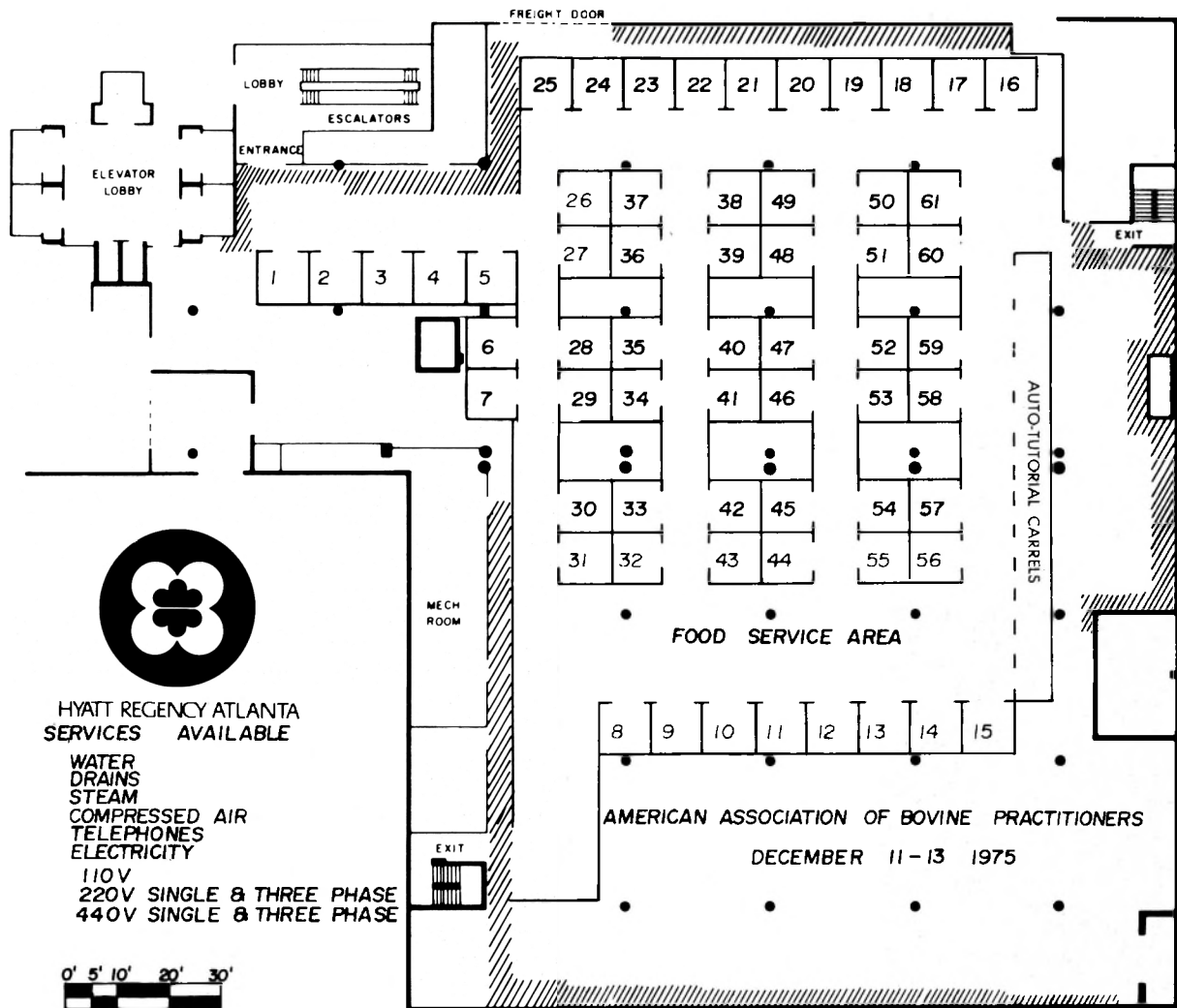
L. C. Allenstein, D.V.M.

"The Now South"

Our convention in Atlanta will be "launched" in great style on Thursday, December 11, at 8:30 a.m., with the multi-media presentation entitled "The Now South." It features over 700 colorful slides shown on five screens simultaneously and lasts 25 minutes. It unfolds cineramically with stereo sound, the music scored by the Minneapolis Symphony Orchestra.

The presentation makes a person feel good that he is in agriculture, even if on the fringes. For others it creates a better understanding of what agriculture is all about. It provides an insight into the today and tomorrow South.

1975 AABP Conference Exhibitors



The exhibits area (Ivy Hall) will be open at the following time schedules:
 Thursday, December 11; 9:00 a.m. - 5:30 p.m. (12:00 - 2:00 p.m. Free lunch - sandwich bar.) Wear badge.
 Friday, December 12; 9:00 a.m. - 5:30 p.m. (11:45 a.m. - 2:00 p.m. - Free lunch - sandwich bar). Wear badge.
 Saturday, December 13; 9:00 a.m. - 12:00 noon.

The American Association of Bovine Practitioners wishes to acknowledge the loyal support of the companies listed below for the Atlanta convention.

Samuel Hutchins III, D.V.M., South Barre, Vermont, Chairman, Exhibits Committee & AABP Director, District One.



Affiliated Laboratories

19 North Railroad Street, Myerstown, Pa. 17067
Booth 42

Affiliated Laboratories invites all members and guests of the convention to visit our exhibit. Representatives will be available to discuss the complete product line. Featured will be our unique trivalent leptospira bacterin, LEPTOMUNE-GHP; and Intranasal IBR-P13 vaccine - NASAMUNE-IP.

Albion Laboratories, Inc.

P. O. Box E, Clearfield, Utah 84015
Booth 46

Albion will be displaying its complete line of unique veterinary pharmaceuticals, including Curecal-Feline. Many of the pharmaceuticals incorporate Albion's pioneering research into the field of chelation.

**American Cyanamid Company
Agricultural Division**

P.O. Box 400, Princeton, N.J. 08540
Booths 43 and 44

The PVP (Cyanamid) exhibit will feature RIPERCOL®-L Injectable Dewormer for cattle, BO-ANA® Pour-On for grub and lice control and S. E. Z.® Antibacterial for cattle and hogs.

Animal Nutrition, Inc.

6608 West Main St., Belleville, Ill. 62223
Booth 12

Animal Nutrition, Inc., is a company dedicated to only veterinarians, providing programmed nutrition for dairy, beef, swine and equine. With this service the doctor may offer "Total Herd Health Programs" for his client.

Astoria Fibra-Steel, Inc.

P.O. Box 726, Astoria, Ill. 61501
Booths 54 and 55

Astoria Fibra-Steel, Inc., will have its new "Econo I" veterinary mobile clinic on display at the annual meeting in Atlanta, Ga. This is something you don't want to miss. Visit our booth for information and be sure to ask about our special rental plan on this clinic.

Beecham Laboratories

501-551 Fifth Street, Bristol, Tenn. 37620
Booth 3

Beecham Laboratories will exhibit their latest ethical pharmaceuticals designed with the veterinarian in mind. Special emphasis will be on dairy products that have been recently introduced.

Bio-Ceutic Laboratories, Inc.

2621 N. Belt Highway, St. Joseph, Missouri 64502
Booth 29

Continous product improvement based on the changing needs of the large animal veterinarian will be available for the practitioner's evaluation. New combination biologicals and improved dosage forms of Bio-Mycin will be featured.

Biozyme Enterprises

St. Joseph, Missouri 64504
Booth 30

Biozyme Enterprises offers increased income potential for veterinarians as distributors of Vita Ferm cattle nutritional

aid. The Vita Ferm life-cycle feeding system comprises 9 different products. The basis of the Vita Ferm system is *Aspergillus oryzae*. To this Biozyme has added 38 minerals, vitamins, oil meals, salt and trace elements. The result is a patented nutritional aid that produces 28 different enzymes and helps convert roughage into more beef and milk. The protein and energy conversion rate in ruminating animals from grass, hay, stalks and silage can be increased as much as 33 1/3%. This can be materially beneficial in correcting malnutrition; believed by many practitioners to be at the heart of cattle health problems.

Bowie Mfg., Inc.

313 South Hancock, Lake City, Iowa 51449
Booths 26, 27, 36, and 37

The "Royal 8' Mini" is the new version of the Super Mini with many new innovations and refinements. The main practice area is from the back, now featuring 2 jumbo vertical drawers with sidewall storage facilities. You owe it to yourself to stop by and see this completely new unit. There is nothing on the market like it! Let Don Karn, Gary Fahan, Tom Williams, Barney Dial or Pete Peterson show you all the new features. Also on display is the "Classic Mini" in a class by itself. It is an all new "Inflation Fighter" with Bowie quality. Check the "Classic Mini" price before you buy any unit. We will be looking for you at booths 26, 27, 36, and 37. Come see us.

Brae Laboratories, Inc.

1401 S. 3rd Street, Terre Haute, Ind. 47808
Booth 47

Brae Laboratories will feature RALABOL®, brand of zeranol, for use in beef cattle and lambs. Professional personnel will be available to discuss the product and its use. The new RAL O GUN® implanting injector will be introduced.

Bristol Laboratories

Thompson Road, Syracuse, N. Y. 13201
Booth 53

Bristol Laboratories will display several fine products including Hetacin-K (Potassium Hetacillin) for Intramammary Infusion, Dry-Clox (Benzathine Cloxacillin) for Intramammary Infusion and Polyflex (Ampicillin Trihydrate) for veterinary injection.

A. J. Buck & Son, Inc.

10534 York Road, Cockeysville, Maryland 21103
Booth 58

A. J. Buck will have on display the most up-to-date equipment and drugs for use in the bovine practice. This will include blood analyzers and other equipment to help the bovine practitioner operate more efficiently.

**Burns-Biotic Laboratories-Division
Chromalloy Pharmaceutical, Inc.**

7711 Oakport Street, Oakland, CA 94621
Booth 45

Displaying and detailing the latest concepts in packaging and innovative animal health products for large animal practices, specifically bovine. Reference literature available.

W. A. Butler Company

4140 Fisher Road, Columbus, Ohio 43228
Booths 38 and 39

The W. A. Butler Company is happy to exhibit at the

AABP convention where we will present the newest and largest selection of pharmaceuticals, biologicals, instruments and equipment related to the bovine practitioner.

The De Lavel Separator Company
5424-48 North Pulaski Road, Chicago, Ill. 60646
Booth 2

We will have a table model of a 100 cow free stall barn, with a delta manure scraper working. Attached to this barn will be a milk house with models of equipment inside. Also a model of our 14 stall rotary milking parlor. We will also have a double six herringbone parlor model and will show a Model 200 milking unit complete as it is in a milking parlor, also a vacuum pump.

Diamond Laboratories
P.O. Box 863, Des Moines, Iowa 50304
Booths 13 and 14

Presenting Diamond's long line of bovine products including a complete armamentarium of vaccines, pharmaceuticals and growth promotants. Diamond representatives will be on hand to provide detailed information on all products.

Eaton Veterinary Laboratories
P.O. Box 191, Norwich, N.Y. 13815
Booth 4

As originators and developers of the nitrofurans, Eaton Veterinary Laboratories has played a major role in the fight against disease for more than a quarter of a century. Over the years the nitrofurans have been accepted as one of the three major classes of antimicrobials. Since our initial work on the nitrofurans, a continuous program of research and development has made Eaton an authority on these unique chemotherapeutic agents. In 1975, Eaton Veterinary Laboratories is pleased to introduce Glycolyte, an oral source of electrolytes in calves.

Elanco Products Co.
P.O. Box 1750, Indianapolis, Ind. 46206
Booths 6 and 7

The exhibit will feature the product, Tylan® Injection, a product well-recognized for its efficacy for the treatment of many respiratory infections in cattle, plus diphtheria, foot rot and metritis. The Elanco booth will involve four colorfully lighted towers, plus product displays, product literature and complimentary gifts for those stopping by the exhibit.

For-Most, Inc.
Box 322, Hawarden, Iowa 51023
Booth 20

For-Most, Inc., of Hawarden, Iowa, will be showing our Model 150 One Man Portable Chute with Palpation Cage, our Model A25 Self Catcher, and the Big and Little Hog Catcher with Crate. Handling livestock with our equipment makes your job much easier and safer.

Fort Dodge Laboratories
800 5th Street, N.W., Fort Dodge, Iowa 50501
Booth 1

Fort Dodge Laboratories will be introducing their exciting new line of bovine clostridial products produced by the

"Bio-Ferm" electronically controlled process and packaged in unique, convenient, sterile plastic containers. We invite you to come by and visit with us about these new clostridial combination products and other new bovine products such as 'TriVib L' and our new 'Rea-Plex'/Leptospirosis combination vaccine.

Hamilton Pharmacal Co.
Spring Street, RD. 2, Hamilton, New York 13346
Booth 21

The products to be featured include Quartermaster® Dry Cow Therapy, Bovadline® Teat Dip, Iosan® Udder Wash.

Haver-Lockhart Laboratories
P.O. Box 390, Shawnee Mission, Ks. 66201
Booth 48

Haver-Lockhart display will feature their broad line of bovine biologicals, and pharmaceuticals; plus a wide selection of instrument items designed for the veterinary profession.

Herd Reproduction Services, Inc.
P.O. Box 6011, Athens, Ga. 30604
Booth 17

Herd Reproductive Services, Inc., is an organization developed to improve reproductive efficiency in cattle, primarily through record systems and consultation. Record systems will be demonstrated for beef and dairy herds as well as for the BIG herd specifically. Systems are designed to help the cattleman and the veterinarian to determine what the **herd** is doing reproductively and productively and to show what **each cow** is doing. The veterinarian involved receives a portion of each report to the herd to help him prepare to work the herd. Literature will be available with explanation of systems and demonstrations.

Hoffmann-La Roche, Inc.
340 Kingsland Road, Nutley, N.J. 07110
Booths 22 and 23

Roche will feature its Injacom® AD₂, Injacom®, Mega A and Albon®, (sulfadimethoxine) line of products for beef and dairy cattle.

Jensen-Salsbery Laboratories
520 West 21st Street, Kansas City, Mo. 64108
Booths 31 and 32

Jensen-Salsbery's exhibit will include information and products pertaining to the treatment and prevention of diseases of large and small animals.

Dr. Jorgensen Labs, Inc.
P.O. Box 872, 1321 Milner Ave., Loveland, Colo. 80537
Booth 28

Featuring our new ziz-zag Hercules Fetal Extractor, as well as many special instrument by Hauptner. Also on display will be our new sterile cassette suture pack with all types by Braun, including Braun sutures with swagged-on-needles and convenient modern packaging.

Kane Enterprises
P.O. Box 360, Sioux Falls, South Dakota 57101
Booth 57

Designed to fit and completely cover the eye of calves and larger bovine, Eye-Pro-Tek™ shields the eye from sunlight,

NEW POLYVALENT BACTERIN PROTECTS GRIPPOTYPHOSA,



LEPTOMUNE®-GHP

Leptospira Grippotyphosa | Hardjo | Pomona Bacterin

3-in-1 protection against the major serotypes of leptospirosis.

LEPTOMUNE-GHP is effective against L. Grippotyphosa, L. Hardjo and L. Pomona, the three most prevalent serotypes of leptospirosis in the United States. A recent national survey of diagnostic laboratories reflects that in routine testing, L. Hardjo is being detected 34.8% of the time and L. Grippotyphosa 33.3%.

Now, new LEPTOMUNE-GHP makes it possible to provide multiple protection with a *single bacterin*.

EFFECTIVE—Trivalent bacterin protects against the major serotypes of leptospirosis in cattle and swine.

CONVENIENT—2 cc. dose; extremely syringeable.

SAFE—Anaphylaxis minimized (no serum is used in production). No interference with viral vaccines. May be used in pregnant animals.

LEPTOSPIROSIS AGAINST HARDJO AND POMONA.



*ONLY AFFILIATED OFFERS
A "TOTAL PROGRAM" FOR LEPTOSPIROSIS PROTECTION.*

V.I.P. (Veterinarians in Practice) choose

AFFILIATED
LABORATORIES DIVISION
WHITMOYER LABORATORIES, INC.
MYERSTOWN, PENNSYLVANIA 17067
SUBSIDIARY OF **ROHM AND HAAS COMPANY**



wind, dust, insects, and other irritants. Constructed of a specially laminated, lightweight material, Eye-Pro-Tek™ patches have a white outer surface which produces a cooler environment for the eye in direct sunlight.

Med-Tech, Inc.

*P.O. Box 338, Elwood, Ks. 66024
Booth 59*

Presenting the most complete and highest quality pharmaceuticals available to the veterinarian. Med-Tech features specialty and generic pharmaceuticals geared to the bovine practitioner. Med-Tech will also display equipment lines geared to the veterinarian's everyday needs.

Merck Professional Veterinary Products

*126 E. Lincoln Ave., Rahway, New Jersey 07065
Booths 24 and 25*

The Merck Professional Veterinary Products Department invites all veterinarians to visit our exhibit and discover the new worming systems of the '70's. Our trained and experienced personnel will be available to discuss areas of mutual interest including: bovine coccidiosis, antibacterials and anthelmintics.

L. A. Mosher Co.

*Station W, Box 19878, 2130 Marietta Blvd.
N.W., Atlanta, Georgia
Booth 60*

L. A. Mosher Company has serviced the southern veterinarian for over fifty years and is pleased to be invited to exhibit at the AABP meeting. We will be pleased to assist in giving directions or making recommendations for any out-of-town visitors. Our booth will feature the Med Tech Laboratory line, Bio Ceutic Laboratory line, Fraser Sweatman L. A., Anesthesia unit, Mallinckrodt Serosonic Blood Test Units, Hexcel Bandage and many other specialties. Please stop by booth 60!

Norden Laboratories

*601 West Cornhusker Highway, Lincoln, Nebr. 68521
Booth 52*

The Norden Laboratories exhibit will feature a full line of bovine respiratory vaccines and describe the latest developments in vaccines to prevent viral-induced calf scours.

North American Pharmacal Company

*6851 Chase Road, Dearborn, Michigan
Booth 16*

North American Pharmacal Company welcomes members of the veterinary profession at the company's exhibit of leading specialty products. Representatives will be in attendance to answer any questions you may have. North American recently introduced a number of new products which our representatives will be pleased to discuss with you.

Northwest Bodies, Inc.

*1 Industrial Park, Manson, Iowa 50563
Booths 50 and 51*

Northwest Bodies will exhibit their low profile fiberglass mobile clinic emphasizing safety, economy, and versatility and will introduce a new chassis - mount fiberglass clinic designed for the Datsun, Luv, Toyota class of small trucks.

Pitman-Moore

*P.O. Box 344, Washington Crossing, N.J. 08560
Booth 40*

Pitman-Moore will feature a broad range of large animal biological and pharmaceutical products, such as Levasole* Anthelmintic, Mastassay* Diagnostic Media, Bovine Vaccines and mastitis infusion products. Our representatives look forward to your visit and for the opportunity to discuss our products and services. *Trademark

Porta-Vet Industries, Inc.

*P.O. Box 728, 110 Wood Street, Hudson, Iowa 50643
Booths 8 and 9*

Porta-Vet, the purebred in mobile clinics, has an all new, superbly designed, totally self-contained clinic (hot water, day and night heaters). Economical, efficient, and increases professional prestige. Our all-fiberglass exterior and formica interior assures all-weather protection and ease of cleaning. The 1975 features include systemized storage on a low profile for clear view to rear.

Rachelle Laboratories, Inc.

*700 Henry Ford Ave., Long Beach, Calif. 90801
Booth 34*

A carry-in display featuring Aquachel Injection and Tetrachel-Vet Powders. Rachelle Laboratories, Inc., is an American basic manufacturer of broad-spectrum antibiotics, antihistamines, antibacterials, and infiltration anesthesia.

Ranger

Division of Delphi Products Company, Inc.

*P.O. Box 256, Delphi, Ind. 46923
Booth 61*

The Ranger Portable Livestock Chute will be featured in our exhibit this year and will include several model changes which have proven to increase the speed of chute operation and safety of chute operator and animal.

Ritchey Manufacturing Co.

*Rt. 3, Box 58, Brighton, Colo. 80621
Booth 56*

The world's most practical system of livestock identification. The Ritchey Flexible Locking Head Ear Tag will be featured.

Schering Corporation

Animal Health Division

*Galloping Hill Road, Kenilworth, N.J. 07033
Booth 33*

"Schering invites all members and guests of the convention to visit our exhibit. Professional service representatives will be on hand to answer specific questions about our new Ovaban™, Gentocin® Solution, and Betasone® as well as other products in the Schering line."

E. R. Squibb & Sons, Inc.

*P.O. Box 4000, Princeton, N.J. 08540
Booths 10 and 11*

Boviclox, sterile benzathine cloxacillin for dry cows, will be featured at this year's Squibb exhibit in Atlanta. Also on display will be our new injectable ampicillin Princillin, the first ampicillin injection requiring no reconstitution or refrigeration. Follutein, Recover and Crystiben will likewise be featured.

Steffes & Son Metal Mfg.
P.O. Box 401, Dickinson, North Dakota 58601
Booth 15

The Steffes operating table is a new revelation in operating tables for large animals. Firmly holding large animals, the Steffes operating table enables you to hydraulically position the animal to the most convenient working position, then hold him there until you are ready to re-position him or place him back on his feet.

3M Company
Animal Care Prod.
3M Center-220-7W, St. Paul, Minn. 55101
Booth 35

Our representatives will be displaying and demonstrating a variety of 3M animal care products with emphasis on our 3M Brand ear tags for cattle and calves.

Twin A. A. Cutlery Co.
308 N. Buckeye, P.O. Box 429, Abilene, Ks. 67410
Booth 18

Professional necropsy and hoof knives; steels, cleavers, saws with spun aluminum handles; professional nippers, and knives with nylon handles. Also all types of household cutlery, scissors, pocket and hunting knives, and sharpening tools.

The Upjohn Co.
Dept. 9510-190, 7000 Portage Rd., Kamamazoo, Michigan 49001
Booth 5

Welcome to the 1975 AABP Convention and welcome to The Upjohn Company veterinary products exhibit. Our representatives are on hand to discuss with you The Strong

Red Line of Upjohn Veterinary Products and how they can be used in your health-care programs. Detailed information on these products is also available for your use. We look forward to seeing you.

Vet-Kem
12200 Denton Drive, Dallas, Tex. 75234
Booth 49

Complete line of ectoparasite control products.

Vitamineral Products Co.
5901 N. Prospect Road, Peoria, Ill. 61614
Booth 19

A half-century of nutritional service to veterinarians exclusively will be epitomized by our display of product information, feed supplement newsletters, suggested rations for beef and dairy cattle, and our unique feed analysis service. Data on the clinical performance of new products will also be available. Raw material specifications, pathognomic charts, and vitamin chemical structures will also be at hand for your inspection. A short outline for custom formulation will be presented daily at 9:30 a.m., 11:00 a.m., and 2:00 p.m. and 4:00 p.m. A simple diagram of our improved shipping situation should also prove interesting.

Vita Vet Labs.
Box 587, Marion, Ind. 46952
Booth 41

We are a national and international livestock nutritional company. In addition to our own nutritional products, we custom formulate and prepare nutritional essentials to the practitioner's specifications and also to the client's requirements. We specialize also in feed and hair analysis.

CONFERENCE COMMITTEES — 1975

General Committee:

- Dr. Lee Allenstein, (Chairman), Wisconsin
- Dr. James Jarrett, (Local Arrangements), Georgia
- Dr. Harold Amstutz, Indiana
- Dr. Vernon Tharp, Ohio
- Dr. Ben Harrington, North Carolina
- Dr. L. Mac Cropsey, Colorado
- Dr. Robert Harris, California
- Dr. Mort Silberman, Georgia
- Dr. Herb Lloyd, Florida
- Dr. Jenks Britt, Kentucky
- Dr. John Winkler, Alabama
- Dr. Roger Meads, Wisconsin

Dairy Session:

- Dr. Jenks Britt, Alabama

Feedlot Session:

- Dr. Mort Silberman, Georgia

Cow-Calf Session:

- Dr. Herb Lloyd, Florida

Liaison and Protocol:

- Dr. John Herrick, Iowa
- Dr. L. Mac Cropsey, Colorado

Exhibits:

- Dr. Sam Hutchins, Vermont

Ladies Program:

- Mrs. Margaret Jarrett, Georgia
- Mrs. Donna Silberman, Georgia

Autotutorial and Visual Aids:

- Milton Adsit, Georgia

Local Arrangements:

- Dr. James A. Jarrett, (Chairman), Rome, Georgia
- Dr. Morton S. Silberman, (Co-Chairman), Reynolds, Georgia
- Committee:
 - Dr. H. R. Bennett, Madison, Georgia
 - Dr. John Craft, Eatonton, Georgia
 - Dr. Jerry Mitchell, Colquitt, Georgia
 - Dr. Riley Shuler, Orangeburg, South Carolina

Audio-Visual:

- Dr. Milton Adsit, Athens, Georgia

Promotion and Publicity:

- Dr. J. T. Mercer, Athens, Georgia

Hospitality:

- Dr. W. V. Smith, Atlanta, Georgia

Entertainment:

- Dr. Dilmus Blackmon, Athens, Georgia

Registration:

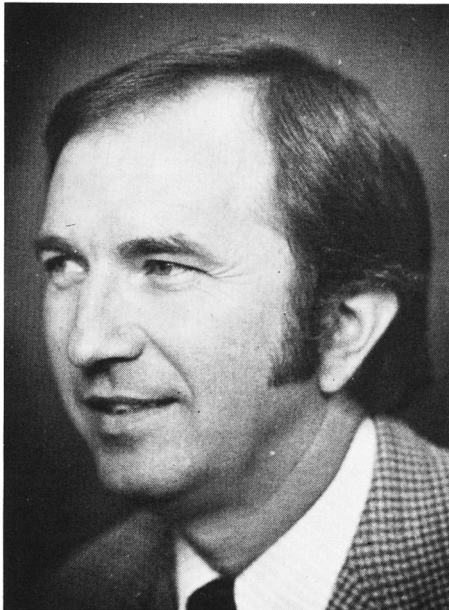
- Dr. Charlie Dobbins, Athens, Georgia
- Dr. Tom Powell, Athens, Georgia

Ladies Program:

- Chairpersons:
 - Mrs. Margaret Jarrett
 - Mrs. Donna Silberman

A Message from the Local Arrangements Committee . . .

Welcome to Atlanta



James A. Jarrett, D.V.M.



Morton S. Silberman, D.V.M.

The bovine practitioners of AABP District 3 would like to welcome you to Atlanta and the great Southeast. We feel that this area of the United States is one of the most rapidly advancing areas of agriculture and hope that you feel the same before the meeting is over.

The meeting this year will be held at the Hyatt Regency Hotel in downtown Atlanta. This is one of the most beautiful hotels in the United States and by far one of the nicest we have ever used for our meeting place. The room arrangements, for the first time in recent years, are such that we should all be able to stay in the same hotel. This, of course, will make it much more convenient for everyone.

The hotel is located in downtown Atlanta within easy walking distance of many interesting attractions, including historical sights as well as contemporary entertainment areas.

This year's meeting will also be held during the latter part of the week so that anyone who is interested could stay over the weekend after the meeting is over and take advantage of the many entertainment and educational opportunities in the Atlanta area.

The program for this year centers around the diagnosis and control of infectious and communicable diseases. It should be one of the most interesting and informative we have had.

In order to facilitate everyone's visiting the exhibit area, we will plan to offer light lunches on each full day of activity in the exhibit area. This will mean that you can munch on a sandwich and browse through the exhibits during the noon hour, as well as other times during the day.

As promised in Columbus, Ohio, we should also have an unlimited supply of grits for those who so desire them at the morning meal and any other time during the day that you would like.

The main meal function will be held on Friday night and will be a "Georgia Country Bash," which should prove to be very entertaining to everyone, including the ladies. The entertainment for this function will be Mr. Jerry Clower, with whom I am sure you are familiar as being one of the leading country comedians in the United States today. Mr. Clower is in very great demand as a speaker for both agriculture and consumer groups.

Again, we look forward to welcoming you to Atlanta. If you have any advance questions concerning this meeting, please do not hesitate to let us know.

James A. Jarrett, D.V.M., Chairman
Morton S. Silberman, D.V.M., Co-chairman
Local Arrangements Committee

Convention "Rendezvous" Hyatt Regency Atlanta, Georgia

Hyatt Regency Atlanta in Peachtree Center, designed by Atlanta architect, Mr. John Portman, first opened its doors for business in May of 1968. Now nearing the completion of their \$5,000,000 renovation project, the hotel, through Mr. Portman, has commissioned world renowned sculptor, Richard Lippold, to create and erect Atlanta's first major sculpture in the main lobby. Mr. Lippold and his assistant, Gianni Morselli, began the 120-foot sculpture, "Flora Raris," on May 19th with an expected completion date within two to four weeks.

Impressed with the enormous space of the lobby and the various fixed elements in that space which help to establish scale and harmony, Mr. Lippold felt it necessary to relate his work of art to keep it in scale and color with them. The natural forms, both in the planters and in the more abstracted forms of the elevators and the canopy over the suspended Parasol Lounge inspired Mr. Lippold to create a flower-like shape, rising high into space, thus forming a counterpoint to the descending form of the canopy and open its petals to fulfill the promise suggested by the more bud-like shapes of the elevators. The diameter of the opened flower will be 36 feet, thus conforming to the 12-foot modules already established in the existing forms in the lobby. Picking up the pale warm tones of



the walls, Mr. Lippold combines gold and silver aluminum, concentrating the golds toward the top of the sculpture and further enhances the awesome appearance by the usage of 24-carat gold-plated cables to suspend the big rings at the top of the flower. From its base on the exhibit level, two floors below the main lobby, the sculpture rises 120 feet, reaching halfway up the lobby to the tip of its golden stamen.

Hugo's

For continental gourmet cuisine served in the grand manner in a grand room of polished teak, antiques and leather. For dinner.

Kobe Kafe

For almost anything you have a hunger for hamburgers. Southern fried chicken, banana splits. For breakfast, lunch, dinner in a sidewalk cafe inside our famous lobby.

Polaris

For incredibly creative salads and sandwiches and crepes and such. For lunch. For cocktails and a revolving view of the city. For anytime.



**HYATT
REGENCY
ATLANTA**
In Peachtree Center



Clock of Fives

For lovers of prime ribs, steaks, and seafood with a flair. Served in a cozy copper and wood panelled dining room. Hefty cocktails in the adjoining lounge. For breakfast, lunch, dinner.

Club Atlantis

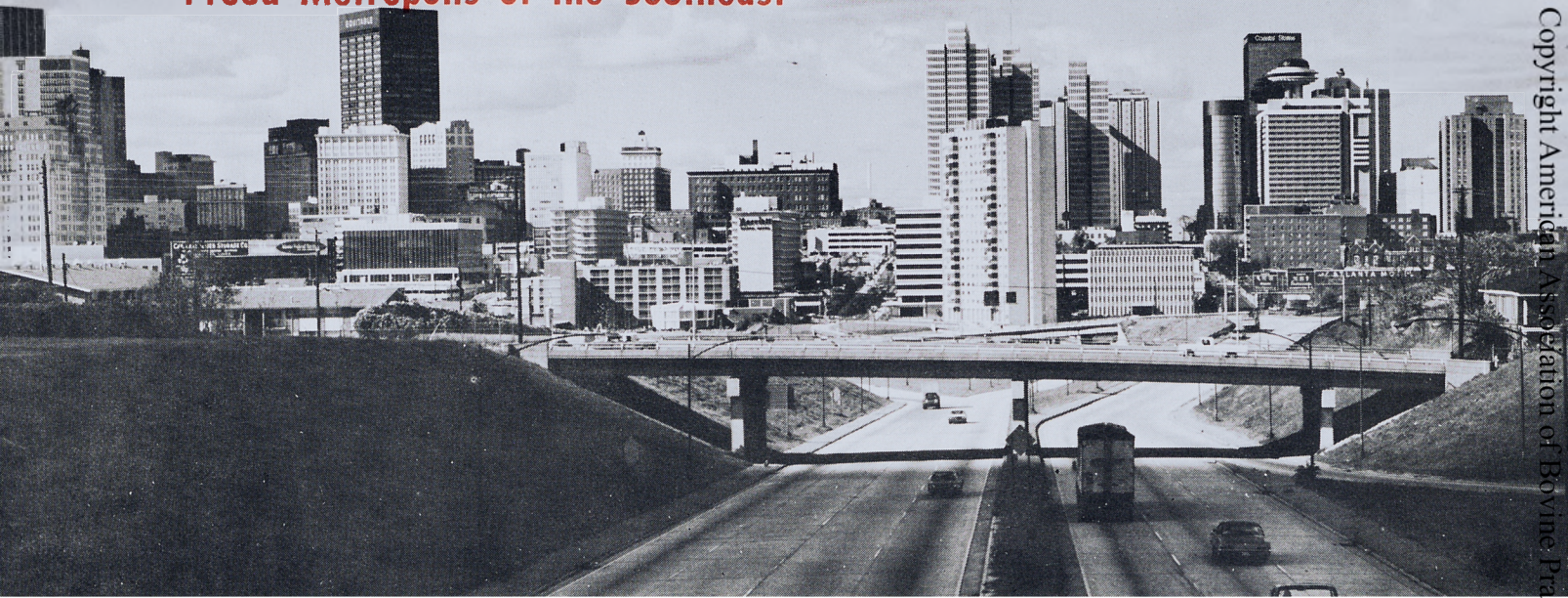
For a variety of elegant dishes and drinks. For dancing and outstanding star entertainment in an intimate supper club.

ANYTHING YOU'VE GOT A TASTE FOR, WE'VE GOT A RESTAURANT FOR.

Call 577-1234 for reservations

Atlanta...

Proud Metropolis of the Southeast



© Copyright American Association of Bovine Practitioners; open access distribution.

HISTORY

First city of the South, Atlanta's future looks bright with a rapidly growing population of well over a million and an even faster growing economy. Its past is remembered and immortalized in Margaret Mitchell's *Gone With The Wind*. Its present is exhibited by exciting progress in the fields of art, higher education, entertainment, sports and industry.

The first foundation of the city was laid in 1836 when a group of surveyors commissioned by the State of Georgia to build a railroad, drove a stake in the heart of a willow swamp six miles east on the Chattahoochee River in DeKalb County and called it "Terminus."

It was given the name Marthasville in 1843 and in 1847 was incorporated as the City of Atlanta, with corporate limits extending one mile in every direction from the state depot.

Of those early days little remains for the visitor to see. Tall skyscrapers have taken the place of the depot and the stately homes. The symbol of the city—a Phoenix rising from her ashes—suggests the spirit that has wrought this miracle within the short span of a single lifetime.

POPULATION

Today, Atlanta ranks 20th among the nation's standard metropolitan statistical areas in population with well over 1.4 million people.

ELEVATION

Topography makes Atlanta the natural crossroads of the entire Southeast. Slightly south of the Appalachian mountain range, Atlanta enjoys an altitude of 1,000 feet above sea level. A temperate climate causes the days to be warm, the evenings cool.

TRANSPORTATION

Atlanta ranks second in the nation in air traffic. She hosts Braniff, Eastern, Delta, TWA, National Southern, Piedmont, Pan American, Northwest Orient and United Airlines.

Six major railroad systems and Greyhound and Trailways bus systems converge and diverge through the city's gates.

Within the city, the Metropolitan Atlanta Rapid Transit Authority transports passengers to and from work. Gray Line and American Sightseeing Company provide several tours of Atlanta and the surrounding areas. Approximately 25 taxicab companies also serve the city.

DRESS

For women, dresses and tailored pants suits are both worn in the downtown area. Evening wear ranges from tailored to cocktail. A coat and tie are musts in most of the lounges and restaurants for the men. During the summer months, light cottons and summer knits are most suitable, while in the early spring and late fall, knits and evening sweaters are worn. The winter months are cold enough for heavy woolens and a warm coat.

SHOPPING FACILITIES

Whether you want souvenirs from Underground Atlanta, an antique from Vinings, an emerald from Tiffany's or furs from Sak's, Atlanta has something for everyone. Shop in Rich's, the Southeast's largest department store or other prestigious stores, such as Davison's, Muses and J. P. Allen's, Lord and Taylor and Neiman-Marcus. The downtown stores are open six days a week from 9:30 a.m. to 6:00 p.m. and usually 9:30



The information and photographs were supplied by the Atlanta Convention and Visitors Bureau, (Tourist Dept.), Suite 1414, Peachtree Cain Building, 229 Peachtree St., N.E., Atlanta, Georgia, 30303. (Telephone No. 404/659-4270.)

a.m. to 9:00 p.m. on Mondays, Thursdays and Fridays. For suburban shopping, Lenox Square, Phipps Plaza, Perimeter Mall and Northlake Mall have a variety of specialty shops from which to choose.

ENTERTAINMENT

Atlanta is proud of its many theatres and night clubs. There is something for everyone at anytime in Underground Atlanta, the city beneath the city. Here you can meet an organ grinder and his monkey, witness the making of handblown glass at one of the Underground's exclusive specialty shops, thrill to the excitement of an old-time movie, or enjoy the variety of entertainment in the night clubs.

The Atlanta Memorial Arts Center has a regularly

scheduled season of symphony concerts, theatre productions, film series and art exhibits. The Atlanta Civic Center sponsors many concerts and musicals throughout the year. Legitimate theatre also furnishes entertainment for visitors year round with well-known plays performed by resident companies.

Atlanta offers many exciting sports events: the Dixie 500 in August and the Atlanta 500 in the spring; the Atlanta Golf Classic in May; and the summer tournaments at the Bitsy Grant Tennis Center. The nationally-famous "Ramblin Wreck" Yellow Jackets football team from Georgia Tech offers keen college competition for the sports fan, along with the "Bull Dogs" from the University of Georgia in Athens. The nation's Peach Bowl is an annual event each December.

Ladies' Activities

8th Annual Conference

Welcome to Atlanta, Georgia, where there is so much to see and do. We are looking forward to meeting each of you in December at the 8th Annual AABP Convention.

We have planned two days of tours, where you will be given "loving looks" at our exciting city and surrounding areas. You'll visit the Capitol complex, Atlanta Stadium, the Governor's Mansion, the Swan House, home of Atlanta's Historical Society, and the Tullie Smith House, an Atlanta farm house of the early 1800's. A special luncheon will be served at a charming plantation house, moved to Atlanta and restored to recreate the gracious "Old South" atmosphere.

Our plans also take you to historic Stone Mountain, where you can view the world's largest carving and visit the Plantation, a complex of 19 authentic antebellum buildings restored and furnished as they were before the War Between the States. Also, you will enjoy the fascinating story of the Battle of Atlanta, told in sight and sound at the Cyclorama.

We've also allowed time to shop, browse, or see other points of interest on your own, much of which is within walking distance of Convention Headquarters.



Margaret Jarrett



Donna Silberman

So come to Atlanta and walk down Peachtree Street, and join in all the activities we have planned just for you. We promise you—you'll be glad you did.

Co-Chairpersons:

Margaret Jarrett
Donna Silberman

Entertainment

Friday Evening, December 12

Guess who's coming to dinner during our "Georgia Country Bash" on Friday evening, December 12? None other than the fabulous "Mouth of Mississippi," Jerry Clower himself!

A noted storyteller, MCA Records superstar, and Grand Ol' Opry regular, Jerry's growing up was typical of country boys all over America. The day after he finished high school, Jerry joined the Navy, served on an aircraft carrier in the South Pacific from 1944 to 1947, and received a Presidential Unit Citation and three battle stars.

Jerry Clower later attended Southwest Mississippi Junior College and Mississippi State University where he also played football. After receiving his degree in agriculture, Jerry was an assistant county agent for a couple of years and was a fertilizer salesman for 20 years.

Through the encouragement and help of friends who were impressed by his ability to tell stories, the 275-lb. salesman's first album, *Jerry Clower from Yazoo City, Mississippi Talkin'*, was produced by MCA. His other albums include *Mouth of Mississippi*, *Clower Power*, *Country Ham* and *Live in Picayune*.



Jerry Clower

Jerry Clower's strong religious belief undergirds every part of his life. In June 1975 he became the first layman to address the Southern Baptist Convention in Miami before 25,000 people.

Jerry the superstar will undoubtedly present a laugh-filled get-together of wholesome hilarity.

The photograph and information were provided by Top Billing, Inc., P.O. Box 12514, Nashville, Tenn. 37212. Tele. No. (615) 383-8883.



New Special Formula 17900-Forte®

For Your Professional Modern Mastitis Management program.

New Special Formula 17900-Forte combines 150 mg. of Albamycin® (novobiocin) with 100,000 units of penicillin to provide proven wide-range effectiveness against the two most common mastitis-causing organisms, *Staph. aureus* and *Strep. agalactiae*. Field tests in five widely scattered geographical regions confirm the efficacy of Special Formula 17900-Forte against both clinical and subclinical mastitis infections:

CURE RATE

Special Formula 17900-Forte administered twice at a 24-hour interval.		
	<i>Staph. aureus</i>	<i>Strep. ag.</i>
No. of quarters treated	288	180
% Cure*	75%	95%

*Determined by absence of organism in milk tested three weeks after treatment.

While Special Formula 17900-Forte is a proven effective treatment against the two most common mastitis-causing organisms, its milk-out time is only 72 hours. Your dairymen will also appreciate the one dozen antiseptic pads contained in each 12-pack.

Special Formula 17900-Forte belongs in your program of Modern Mastitis Management, which involves these 4 steps: **1** Properly operate and maintain milking equipment. **2** Treat clinical mastitis flare-ups immediately. **3** Dip teats in a recommended antiseptic after each milking. **4** Follow a program of dry cow therapy.

Prescribe Special Formula 17900-Forte.



from the strong red line of **Upjohn** Veterinary Products, Kalamazoo, Michigan 49001

Ladies' Tours

(arranged by TourGals, Atlanta)

These tours have been designed especially for the American Bovine Practitioners in order to give the ladies "loving looks" at our exciting city and surrounding areas. We feel they will all be both interesting and great fun for those participating.

TourGals will provide buses for each tour and make all arrangements and reservations. Each bus will be accompanied by a charming TourGal whose interesting commentary and amusing anecdotes will add a personal, yet professional, touch to the tours. Complimentary refreshments will be served, or a favor given to each guest.

We at TourGals look forward to having you visit Atlanta and to contributing to the success of the meeting.

Thursday, Dec. 11, 1975 A Loving Look at Elegant Northside Atlanta with TourGals

Board buses at the Regency, Harris Street (Clock of Fives) entrance, for a driving tour of exciting downtown Atlanta and a look at the new Omni, World Congress Center site, Atlanta Stadium, the Capital Complex, Underground Atlanta, Dr. Martin Luther King's church and memorial . . . and much more . . .

Then, out famous Peachtree Street where you will pass other interesting landmarks such as the fabulous Fox Theater, Colony Square and the Memorial Arts Center . . .

Stop to visit the Swan House, home of Atlanta's Historical Society. This lovely villa is filled with fascinating furniture collected from all over the world . . .

Stroll across the drive to see the Tullie Smith House, an Atlanta farmhouse of the early 1800's, moved to these grounds, restored and furnished as it was then . . . browse in the quaint craft shop if you like . . .

A driving tour of the elegant northside residential areas will show you many of the beautiful homes and sweeping lawns our city is famous for—visit the governor's mansion (if available) and see the lovely collection of Federal furniture and Aubusson carpets . . .

Luncheon will be served at a charming plantation house moved to Atlanta and restored to recreate the gracious "old South" atmosphere. Cocktails will also be available here at a cash bar . . .

Afterwards, buses will return to the Regency by Lenox Square (Rich's, Davison's, Neiman-Marcus, and more than 150 others) and Phipps Plaza (Saks Fifth Avenue, Lord & Taylor, Tiffany's, and about 60 others) where those who wish to leave the tour may do so, while others continue to the hotel.

Tour Time: 9:30 a.m. to 2:30 p.m.

Cost: \$11.50 per person. This price includes buses,

guides, entrance fees, luncheon, taxes, gratuities, complimentary favor (Dixie Fixin's Cookbook) and all arrangements made by TourGals. Additional fee for informal fashion show during luncheon—\$75.00.

Friday, Dec. 12, 1975

A Loving Look at Historic Stone Mountain Park with TourGals

Board buses at the Regency, Harris Street (Clock of Fives) entrance, for the scenic drive to Stone Mountain Park, 3200 acres of landscaped beauty and interesting attractions . . .

Enjoy a driving tour of the entire park as your TourGal shows you the many points of interest . . .

Stop at Memorial Hall for a close-up view of the world's largest carving . . .

Visit the Plantation, a complex of 19 authentic antebellum buildings moved to the park from other locations in Georgia, restored and furnished as they were before the War Between the States. Relax with a glass of sherry as you walk through the manor house of the plantation . . . or

Enjoy a skylift ride to the top of the mountain and revel in the marvelous view . . .

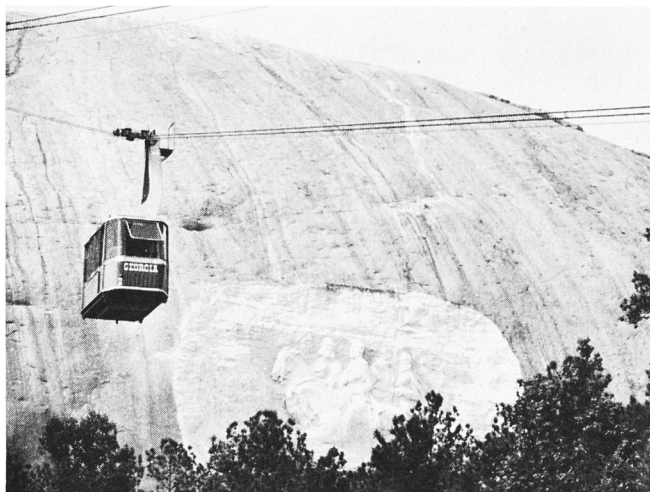
A delicious buffet luncheon will be served at the Stone Mountain Inn . . .

A stop at Atlanta's famed Cyclorama will also be included in this tour. Here you will enjoy the fascinating story of the Battle of Atlanta told in sight and sound . . .

Bus returns to your hotel.

Tour Time: 9:30 a.m. to 3:00 p.m.

Cost: \$11.50 per person. This price includes buses, guides, entrance fees, sherry, luncheon, taxes, gratuities, and all arrangements made by TourGals.



A Swiss cablecar at Stone Mountain Park near Atlanta, Georgia, glides silently past the world's largest carving, chiseled on the huge mountain's face. (Tourist Division, Georgia Bureau of Industry and Trade, Georgia Dept. of Community Development).

AABP Officers

President

Vernon L. Tharp, D.V.M.
Columbus, Ohio

A native of Hemlock, Ohio, Dr. Tharp received the D.V.M. degree from the Ohio State University in 1940 and has been associated with the Department of Veterinary Clinics at the College of Veterinary Medicine, Ohio State University, since 1942 and is presently associate dean at the college. Dr. Tharp has devoted many years to teaching clinical medicine and conducting research in clinical areas. His personal effort resulted in the bequest of a veterinary research farm to the college. Dr. Tharp is a member of the AVMA and represents veterinary clinical sciences on the Council on Education. He is also a member of the Ohio VMA, Columbus Academy of Veterinary Medicine, American Horse Show Association, Ohio Dairymen's Association, and the Ohio Agricultural Council. Dr. Tharp represented District IV on the Board of Directors, AABP, until his elevation to office. He was also the energetic general and program chairman of the highly successful 1974 AABP convention.



Dr. Tharp is president-elect of the Ohio State VMA.

Dr. and Mrs. Tharp have two sons and four daughters.

A Message from the President

Bicentennial: Progress and Future Challenges of Bovine Practitioners

I would like to urge every veterinarian doing food animal practice and especially bovine practitioners to attend the Eighth Annual Conference of The American Association of Bovine Practitioners, December 10-13, 1975, at the Hyatt Regency Hotel in Atlanta, Ga.

It is not a mere coincidence that we are meeting in the capital city of Georgia, one of the thirteen original colonies during the nationwide bicentennial celebration of the signing of the Declaration of Independence. We are the beneficiaries of that historic revolution and of the growth and accomplishments of that great Democracy which has risen to a Union of fifty states. It has been predicted that the southeastern United States will be the new frontier for the expansion of the cattle industry. It seems that cattle in the United States have come full circle to their point of importation.

It is also not by mere chance that veterinarians engaged in bovine practice have formed a specialty organization as a constituency of the American

Veterinary Medical Association and are meeting during the nationwide centennial observance of the establishment in the United States of the first state agricultural experiment station in Connecticut in 1875. Today, all states have agricultural experiment stations, which include strong research departments of veterinary science. In states also having colleges of veterinary medicine, many of the departments of veterinary science function cooperatively.

To more fully appreciate the development of veterinary medicine, our heritage as veterinarians, and to broaden our basic concept for charting the future of veterinary medicine as we enter the third century of progress in the United States, I would urge every veterinarian to read *The American Veterinary Profession* by Smithcors, *New Horizons for Veterinary Medicine* by the National Academy of Sciences, and *Veterinary Medicine - A National Resource and a National Responsibility* by the AVMA and the AAVMC.

A review of colonial history reveals that domestic animals were brought to the West Indies as early as Columbus' second voyage in 1493; these multiplied and served as food for the Spanish colonists in Mexico. Additional animals were brought to the continent

by Ponce de Leon, DeSoto, Cortez and later by Portuguese and English settlers. There is no indication that any real attention was given the medical care of animals before the 1600's. The earliest record of veterinary services in America was of a cow doctor who lived in James City, Virginia, in 1625. The term veterinarian was introduced into the English literature in 1646, but was not in general usage until late in the nineteenth century. Although records indicate some attention was given to the health of livestock in the colonies, the veterinary art was almost totally neglected or left to farriers, despite the fact that by the end of the eighteenth century, twenty schools had been established in a dozen European countries. Veterinary education in America was at first available only through private tutelage.

It is of interest to note that Dr. Benjamin Rush, a signer of the Declaration of Independence and a member of the medical school faculty at the University of Pennsylvania, was among the first to champion the concept of public veterinary education. In 1806, he urged the Philadelphia Society for the Promotion of Agriculture to support veterinary education and the next year, recommended to the trustees of the University of Pennsylvania that they introduce a course in veterinary medicine.

Formal veterinary medical education in the United States and Canada began in the 1850's. During the latter half of the twentieth century, of the 55 veterinary schools opened in the United States and Canada, 34 were discontinued. The New York College of Veterinary Medicine in New York City was chartered in 1856 and operated almost continuously until 1899 and is generally regarded as the progenitor of veterinary education in the United States. Of schools now functioning, the School of Agriculture and Veterinary Science of Mexico, founded in 1853, was the first North American institution to establish a course leading to the D.V.M. degree. This was followed by the Ontario Veterinary College in Toronto, Canada, in 1864. Iowa State University was the first to establish a state-supported veterinary college in 1879.

At this point, in order to further broaden our knowledge of the past and thus better plan for the future, several significant developments should be noted. The American Veterinary Medical Association was founded in 1863, as the United States Veterinary Medical Association, by 40 delegates representing the states of New York, Massachusetts, New Jersey, Pennsylvania, Maine, Ohio and Delaware. The AVMA, through its active membership, its journals, its councils and committees, and its support of state and local professional activities, has served as a prime stimulus toward improving veterinary education, research and service in the United States. Its growth from 40 members in 1863 to a membership of 25,000 in 1975, of the 29,000 professionally active veterinarians in the United States, is prima facie evidence of organized veterinary medicine's influence

on the evolution of the profession.

Most of the advances in veterinary medicine can be attributed to education and research which has enabled it to develop into a scientifically based health profession, serving in every facet of agricultural, biomedical science and public health, and thus to be involved through the past 100 years in a technological revolution never experienced previously in any other country in the world.

The Morrill Act, enacted by the U.S. Congress in 1862, created the Land Grant College system, and was one of the most important pieces of legislation ever passed in this country. Veterinary colleges and departments of veterinary science were established at these land grant institutions and spelled the doom of most of the private veterinary colleges.

The Hatch Act, enacted in 1887, provided for the creation of experiment stations throughout the United States, and, needless to say, through animal disease and nutritional research, contributed immeasurably to the knowledge of animal health.

The U.S. Department of Agriculture was established in 1862 but did not gain cabinet status until 1889. Of special importance to veterinary medicine was the formation in 1884 of the Bureau of Animal Industry within the Department of Agriculture. The impact of the B.A.I. and subsequent health related divisions of the department on animal agriculture and veterinary medicine is immeasurable and a matter of record.

The Smith-Lever Act, passed in 1914, established the Cooperative Extension Service and the Smith-Hughes Act, enacted in 1917, provided for teaching vocational agriculture in high schools. Both have had, and will continue to have, a very definite influence on agricultural production, animal health programs, and the producer-veterinary practitioner relationship.

World War II and the subsequent G.I. Bill, which paid for the education of veterans, have had a very positive influence on the quality of veterinary education and the great increase in applications and enrollments in colleges of veterinary medicine. Seven new schools were opened between 1945 and 1948.

The Health Professions Educational Assistance Act of 1966 provided federal matching funds for construction and professional student loans. The Health Manpower Act of 1968 continued construction grants and loans to professional students, capitation and special project grants, which have been continued to date, and replacement legislation is pending before Congress. All have encouraged increased enrollment in colleges of veterinary medicine.

A joint committee of the AVMA and AAVMC projects a crisis in veterinary education. "The expanding role of veterinary medicine in the effort to mitigate society's major health threats and the emerging role of the profession in ecology, space biology, and world food production emphasize an already critical short-

age of veterinarians. There are now about 29,000 active veterinarians in the United States. Based on recommendation of the Senate Committee on Government Operations, 40,075 veterinarians will be required to satisfy public need in the United States by 1980. The validity of this estimate has recently been confirmed by an extensive study by a committee of the National Academy of Sciences. Unless enrollment in colleges of veterinary medicine increases substantially, only 32,000 veterinarians will be available in the country in 1980, a projected shortage of about 8,000. Unless at least three new colleges of average size are started by 1977, the gap will not be less than 6,000 and in 20 years the shortage will become more and more serious. The minimum addition of three more schools will ease the problem, but a total of three or four additional colleges will be needed to meet the demand by the year 2000. Therefore, the nation needs six to seven new colleges of veterinary medicine to meet its responsibilities."

It is not within the scope or intent of my message to attempt a comprehensive review of the history and accomplishments of veterinary medicine or the impact it has had in the agricultural, industrial, biomedical science, technological, and socio-economic evolution of this country, but rather to have outlined a few highlights of history to stimulate veterinarians interested in food animal practice to prepare themselves through personal motivation, continuing education and their organized influence to adjust their approach and methods of delivering total health care for increased efficiency and productivity within the economic limitations of the animal industry of the future.

Veterinarians in the United States:
Projected Need and Predicted Shortage

Year	U.S. Population (millions)	Vets Available	Projected Requirements	Net Shortage
1975	214.3	29,039	37,502	8,463
1980	227.7	31,961	39,848	7,877
1985	243.0	36,037	43,254	7,217
1990	257.7	40,220	46,644	6,424
1995	272.2	44,013	50,085	6,072
2000	285.0	47,337	53,295	5,958
2005	300.4	49,824	57,076	7,252
2010	317.2	51,404	61,220	9,816
2015	334.0	52,249	65,464	13,215
2020	350.4	52,527	69,730	17,203

May we charge the American Association of Bovine Practitioners, through its officers, directors, and committees to furnish the leadership for establishing reasonable alternatives for meeting the challenges of the future.

In summary, by noting veterinary medicine's origin, and the forces and processes which influenced its development, by viewing the difficulties encountered and surmounted, we should gain the confidence and sense of perspective needed to evaluate and cope with the obstacles and opportunities of bovine practice and its correlations with broad concepts of the application of the art and science of veterinary medicine for the greatest benefit to our animal populations, including man.

Sept. 1, 1975

Vernon L. Tharp, D.V.M.
President

President-Elect

Dr. Leland C. Allenstein, Whitewater, Wisconsin, is the new president-elect. He represented District 5 on the AABP Board of Directors from 1971 to 1974.

Dr. Allenstein received the D.V.M. degree from Iowa State University in 1950 and has been engaged in a primarily dairy practice in Whitewater since graduation. He has two partners, Dr. E. F. Engel and Dr. R. D. Niedfeldt.

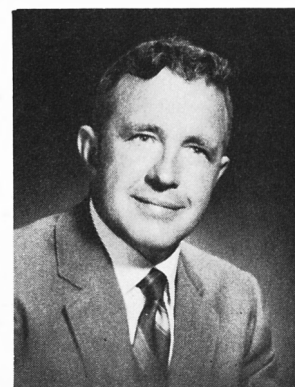
He was the local arrangements chairman for the AABP convention in Milwaukee in 1972 and is at present the advertising manager for *The Bovine Practitioner*.

Dr. Allenstein has served on the Wisconsin Veterinary Medical Association executive board for four years and is a past chairman of the board.

For many years, Dr. Allenstein has been a contributor to the "Cowside Practice" column of *Hoard's Dairyman* magazine.

Dr. and Mrs. Allenstein have two sons and one daughter. His son Scott is a freshman student in the school of veterinary medicine, Purdue University.

Dr. Allenstein is the program chairman for the 1975 convention in Atlanta.



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



Vice-President

Robert J. Harris, D.V.M.
Turlock, California

Illinois. He received the D.V.M. degree in 1950 from Cornell University, Ithaca, New York.

Dr. Harris set up general practice in Turlock, California, soon after graduation and has been in active practice to date. The practice is currently bovine, almost exclusively dairy, emphasizing herd work. Dr. Harris, with four associates, operates Lander Veterinary Clinic in Turlock.

Vice President Harris is currently serving as a trustee of Turlock High School in addition to his professional affiliations: Northern San Joaquin Veterinary Medical Association; California Veterinary Medical Association; American Veterinary Medical Association; and he has served as director of District X, AABP, from 1969 to 1974.

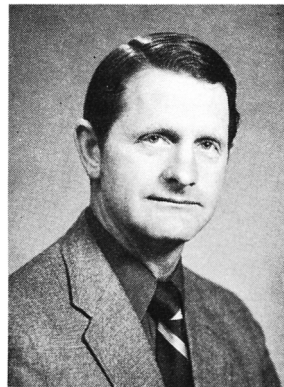
Dr. and Mrs. Harris have two sons and one daughter.

The new vice-president is Dr. Robert Harris, Turlock, California. He was raised on a farm in Illinois and has a B.A. degree from the University of



Executive Secretary-Treasurer

Harold E. Amstutz, D.V.M.
W. Lafayette, Indiana
President, World Association for Buiatrics



AVMA Delegate

Ben D. Harrington, D.V.M.
Raleigh, North Carolina

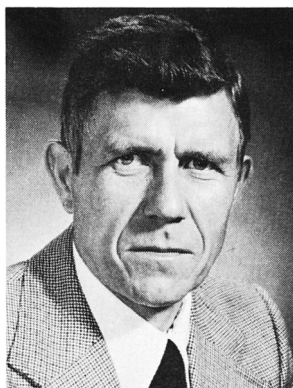


New AVMA Council Member

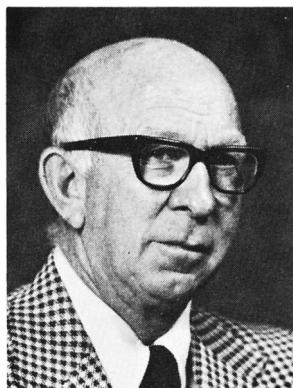
John L. Noordsy, D.V.M.

Dr. John L. Noordsy was elected to the Council of Veterinary Services at the AVMA meeting in July. Dr. Noordsy is the AABP Director for District 7 (Kansas, Missouri and Oklahoma)

New AABP Directors



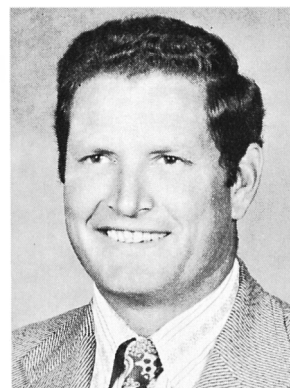
*John F. Cote,
D.V.M.*



*John C. Simons,
D.V.M.*



*Robert S. Dickson,
D.V.M.*



*David T. Bechtol,
D.V.M.*

John F. Cote, D.V.M., Ontario 1951; District 12 (Canada) 1977. Born and educated in Guelph, Ontario, Canada. Large animal practice 1951-52 in Stouffville, Ontario. Professor, department of clinical studies, Ontario Veterinary College, University of Guelph, 1952-1975. Co-ordinator of ambulatory clinic. Leave 1963-64 - mixed practice associate of Dr. H. C. Gray, Newton, N.J. Chief interests: herd health programs (bovine and equine) and metabolic diseases of dairy cattle.

John C. Simons, D.V.M., Torrington, Wyoming; Colorado A&M College, 1951; District 9 Director.

Engaged in private practice in Torrington since 1951. Built the Goshen County Veterinary Clinic in 1960. Spent 1967-68 at the animal reproduction laboratory, Colorado State University. His group practice includes four veterinarians and three technicians and has a contract to operate a school for technicians at Eastern Wyoming College. About 50% of the practice is bovine, made up of cow-calf, purebred and warm-up cattle operations, and includes inspection work at two livestock commission companies.

Dr. Simons is a past president of Wyoming VMA, 1968-69, and of the American Veterinary Society for Study of Breeding Soundness, 1973 and 1974; and is presently on the board of directors for the AVSSBS.

Dr. Simons has served a term as Wyoming state senator and in the Wyoming state house of representatives.

Dr. and Mrs. Simons have five children.

Robert S. Dickson, D.V.M., Bakersfield, California; Colorado State University, 1945; Director, District 10, 1977.

Dr. Dickson was a captain in the U.S. Army Veterinary Corps, stationed at Sapporo, Japan, and Pasadena, Calif., 1946-49. He has been engaged in general practice in Bakersfield Veterinary Hospital from 1949 to the present. Since 1960, practice has been limited to food producing animals. Dr. Dickson has been a consultant and conducted feed trials for several pharmaceutical and feed companies. He has been a lecturer on animal diseases at Bakersfield College since 1970 and an associate clinical professor of veterinary medicine at the University of California at Davis since 1972.

Dr. Dickson is a past president of the Kern County VMA and was chairman of the agricultural professional interrelations committee of the California VMA from 1965 to 1974. He is a member of AVMA and livestock and agricultural advisory committee member at the University of California at Davis.

Dr. Dickson has served on the school board and is a member of the Bakersfield Rotary club.

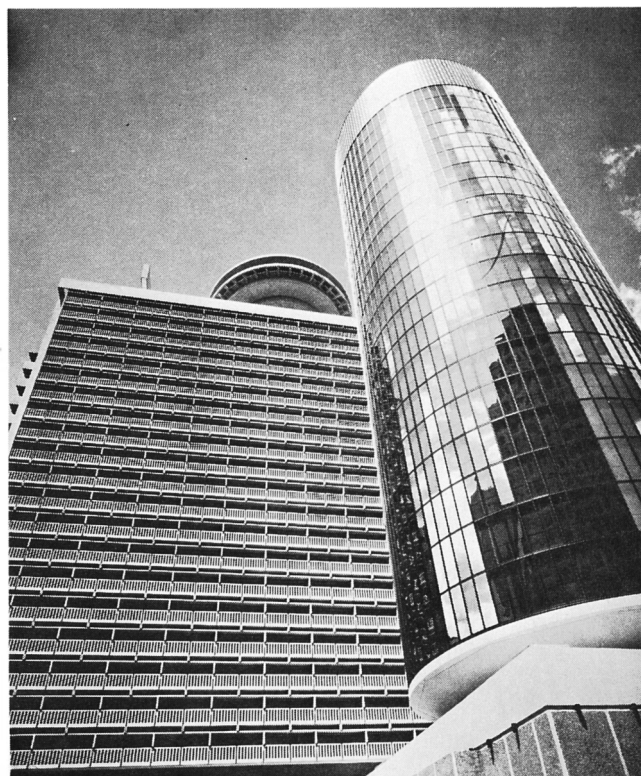
Dr. and Mrs. Dickson have twelve children.

David Thaxton Bechtol, D.V.M., Canyon, Texas; Texas A&M University, 1965; District 8, 1977.

Born in Amarillo, Texas. Engaged in equine practice from August 1965 to June 1966; general practice, feedlot and swine consultation, June 1966 to January 1974. At present, feedlot and swine consultation.

Dr. Bechtol is a member and district director of the Texas VMA; past president, 1973, of the American Association of Swine Practitioners; past president, 1972-73, Academy of Veterinary Consultants; member AVMA and Texas Cattle Feeders Association and American Society of Agricultural Consultants.

Dr. and Mrs. Bechtol have three children: Gayla 15; Carla 13; and Paula 11.



AABP Convention Headquarters—the beautiful Hyatt Regency Hotel in Atlanta, Georgia.

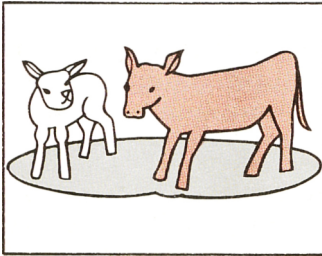
White Muscle Disease (Nutritional Muscular Dystrophy) Syndrome

99% efficacy with Burns-Biotec Selenium-Tocopherol

White Muscle Disease (Nutritional Muscular Dystrophy) Syndrome is a widespread condition in lambs and calves as well as in their dams. Although the disease is most commonly thought of as being found in Oregon, Nevada, Idaho, Ohio, Wisconsin, Minnesota, and Michigan, today it also is being diagnosed with increasing frequency in most other states.

Investigative veterinarians have found several explanations for the increasing incidence of WMD Syndrome. In feed grown in highly fertilized

fields, for example, the sulfur content in the feed may interfere with the animal's utilization of selenium and tocopherol. Alfalfa, some clovers, and other legumes fed to animals may be low in selenium, thereby triggering the onset of the disease. Another common cause of WMD Syndrome is drainage and irrigation which leaches out selenium salts from the soil. Even feed additives with selenium may not solve the problem in animals that are incapable of metabolizing this vital component of a healthy diet.



BO-SE®

for calves and sheep



Acts on cells:
the heart of the problem



DESCRIPTION: BO-SE is an emulsion of selenium-tocopherol. Each ml. contains: sodium selenite (equivalent to selenium 1 mg.) 2.19 mg., vitamin E (as *D*-alpha tocopheryl acetate) 50 mg. (68 I.U.), polysorbate 80 250 mg., thimerosal (preservative) 0.1 mg., water for injection q.s. Sodium hydroxide and/or hydrochloric acid may be present to adjust pH.

INDICATIONS: Prevention and treatment of White Muscle Disease (STD) syndrome in calves and sheep. Clinical signs are: stiffness and lameness, diarrhea and un-

thriftiness, pulmonary distress and/or cardiac arrest.

CAUTION: Selenium is toxic if administered in excess. A fixed dose schedule is therefore important (read package insert for each selenium-tocopherol product carefully before using).

PRECAUTIONS: Symptoms of Selenium-Tocopherol Deficiency (STD) may mask signs of other diseases with similar symptomatology. Careful consideration must be given to all such diseases prior to treatment of STD Syndrome. Elevated SGO-T

and creatine levels may serve as aids in diagnosing STD, when accompanied by other indices. Important: Use only the selenium-tocopherol product recommended for each species. Each formulation is designed for the species indicated to produce the maximum efficacy and safety.

HOW SUPPLIED: 30 ml. and 100 ml. sterile, multiple dose vials.

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

...and these other fine products for large animal practice:

L-SE®

exclusive parenteral selenium-tocopherol for lambs

MU-SE®

exclusive parenteral selenium-tocopherol for cattle

ADRENOMONE®

exclusive veterinary label repository natural ACTH

ARBO III®

bacterial antiserum, bovine formula

BO-VIBRIO®

vibrio fetus bacterin, bovine strains

FSH-P™

exclusive natural follicle stimulating hormone

DIAL®

exclusive concentrated hexachlorophene surgical scrub

PLH®

exclusive natural luteinizing hormone

POP®

exclusive highly purified parenteral oxytocin preparation

AVAILABLE THROUGH YOUR DISTRIBUTOR OR FROM BURNS-BIOTEC

The Company That Introduced
SELENIUM-TOCOPHEROL • IRON DEXTRAN • NATURAL HORMONES
For Better Animal Health



BURNS - BIOTEC
LABORATORIES DIVISION
CHROMALLOY PHARMACEUTICAL, INC.
OAKLAND, CALIFORNIA 94621 U.S.A.

INTERNATIONAL NEWS

Thessaloniki, Greece
July 6-12, 1975

20th World Veterinary Congress

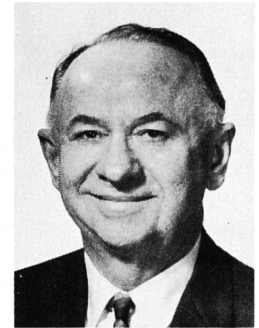
After a "Te Deum" at the St. Demetrius basilica the Congress was opened with a festive session in the athletic hall, in the presence of numerous guests of honour by the President of the World Veterinary Association, Prof. Dr. Beveridge, Cambridge, England. On behalf of the Greek government, the Minister of Agriculture and the Minister of Northern Greece, as well the Dean of the Veterinary Faculty of the Aristotle University, bid the assembly a friendly welcome.

Prof. Dr. Bratanov, Bulgaria, was elected President of the Congress. Three thousand two-hundred veterinarians from 68 countries attended. Nine hundred thirty-one scientific papers were presented in plenary and section meetings, as well as a number of films. The meetings took place in the halls of the fair area, where an industrial exhibition was presented, and in the auditoriums of the new university.

During this Congress, the associated members of the World Veterinary Association formed their own program for the section meetings. Therefore, the World Association for Buiatrics had seven one-hour meetings in Section X: Clinical Studies of Ruminants. The World Association named the topics, speakers, chairmen and vice-chairmen. Of course, the Association wanted a really interesting wide-spread program with speakers from as many countries as possible. From a total of 100 proposed papers only four for each session, altogether 28 papers, could be accepted. The others were free to be presented as short communications. The meetings of Section X took place in the biggest auditorium of the Athletic Hall and were really well attended except the last one on July 12. Since the experts on sheep diseases want to have their own association, the members of the World Association for Buiatrics will be alone the next time. The summaries of the papers and short communications are published in tome I and II of the Congress Proceedings which was given to the registrants at the beginning of the meeting. The com-



*Prof. Dr. Gustav
Rosenberger*



Sam Scheidy, D.V.M.

plete text of the papers (my discussion included) will be sent to the members later on by mail. The report can be ordered from the Organizing Committee, Aristoteles University, P.O. Box 112, Thessaloniki, Greece.

A culmination point of the Congress was the "First World Veterinary Day" on July 9, with presentations by Dr. Schwabe (U.S.A.); Dr. Varnagy (Hungary); Dr. Baharsefat (Iran); and Dr. Rowsell (Canada) on "The Role of the Veterinary Profession in Society." On this occasion, the Golden Gamgee Medal was awarded to the retiring President, Prof. Dr. Beveridge, in acknowledgement of his work as a scientist and chairman of the World Veterinary Association during the last 18 years. Honorary diplomas for exceptional merits in international veterinary medicine were awarded to Professor Vittoz (France); Dr. Steele (U.S.A.) and Professor Robertson (Great Britain).

The numerous social programs, such as receptions, folklore, hellenic evening on the university farm, and excursions to historical sites were characterized by the kind hospitality of the organizers. Many thanks are due to the Organizing Committee and the Greek Veterinary Society with its President, Professor Tsiroyannis, and secretary, Professor Parisi, whose zeal in preparing and organizing the congress is highly acknowledged.

The Permanent Committee of the World Veterinary Association decided to arrange the next congress in 1979 in Moscow, following an invitation of the Russian government.

Professor Dr. Vuillaume (France) was elected new president of the World Veterinary Association. Re-elected vice-presidents are Dr. Figueroa (Peru); Dr. Sam Scheidy, (U.S.A.) and Dr. Tretiyakov, (U.S.S.R.). Newly elected vice-presidents are Dr. Gee, (Australia); Dr. Jansen, (South Africa) and Dr. Tsiroyannis, (Greece).

This report was prepared by Professor Dr. Gustav Rosenberger, Hannover, Germany, Secretary, World Association for Buiatrics.

9th International Congress on Cattle Diseases

September 6-10, 1976
Paris, France



© Copyright American Association of Bovine Practitioners. open access distribution.

The 9th International Congress on Cattle Diseases will be held in the International Convention Center, Paris, France, on September 6-10, 1976. The Congress will be organized by the French Society for Buiatrics and by the National Section of Technical Veterinary Groups in collaboration with the World Association for Buiatrics.

The officers of the organization committee are: Presidents: Professor J. Espinasse, Dr. P. Delafolie; Secretaries: secretary general, Dr. J. Ferrand; scientific, Dr. E. Meissonnier; public relations, Mr. E. Breton; Treasurer: Dr. S. Bouisset.

Dr. Harold E. Amstutz, Executive Secretary-Treasurer, AABP, is the President of the World Association for Buiatrics. Dr. Gustav Rosenberger, Hannover, Germany, is the WAB secretary. The program will be presented in two parts: Scientific program: September 6-9, 1976; Technical and tours program: September 10-11, 1976.

The Scientific program has five topics: Surgical practices for bovine species; Pathology of young cattle: infectious, parasitic, nutritional and metabolic; Clinical and para-clinical semeiology (individual and collective): methods, interpretations, prospectives; Production management: zootechnical, sanitary, economical strategies; Free subjects: new events in bovine pathology.

The official languages for this Congress are: English, French, German, Spanish and Russian.

Papers (10 or 20 minutes) will give information on

trials, observations of practical interest or recent and original research studies.

A specialist of international reputation will give a 40-minute inaugural conference before each of the four main topics. The authors wishing to present a report at this Congress are kindly requested to send it before January 1, 1976, with the title of their paper and a short summary of 200 words, in one of the above languages.

The lay-out of the plenary papers will have to conform to the recommendations which will be available later, and must reach the Secretariat of the Congress

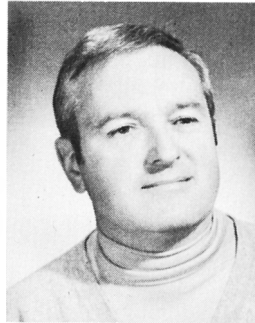




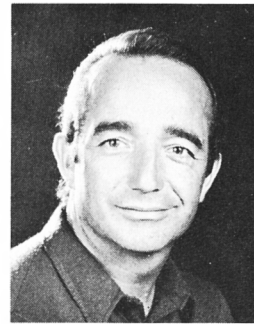
**Professor
J. Espinasse**
Chairman



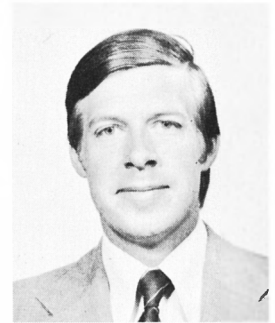
Professor R. Breton
Secretary, Public Relations



**Professor
J. Ferrand**
Executive Secretary



Dr. S. Bouisset
Treasurer



**Professor
E. Meissonnier**
*Secretary,
Scientific Program*

scientific board before March 15, 1976, (Doctor E. Meissonnier, address of Secretariat).

Presentation of films having a scientific or pedagogic character would be appreciated.

All participants will be invited to join a cocktail reception offered by the organization committee on September 6, 1976. On September 8, there will be an official banquet, for which a subscription will be necessary. From the 6th to the 9th of September, a programmed visiting tour of Paris will be organized for the ladies who may be interested.

The technical and touristic program will give a choice of three itineraries in which visits of breeding or veterinary centers of research on cattle, as well as places of historical and gastronomic interest, will appear. This program is optional.

Up to May 1, 1976, the subscription fee is 500 FF. After that date, it will be higher. For the program participants, members of the World Buiatric Association, it is reduced to 250 FF. The subscription fee covers the cocktail party on September 6, the plenary reports and summaries which will be given out at the opening of the Congress.

Hotel reservations may be arranged through the Secretariat.

Further details may be obtained from the Congress's General Secretariat: Dr. J. Ferrand, IX Congrès international sur les maladies du bétail, Maison des Veterinaires, 28 rue des Petits-Hotels, 75010 Paris, France.

(One French franc = 22 cents (U.S.) approx.)

Australian Association of Cattle Veterinarians

The Second Annual General Meeting of the AACV was held in Hobart, Tasmania, on May 30, 1975.

Dr. G. I. Alexander was re-elected president, and Dr. G. R. Murray was re-elected honorary secretary.

The secretary reported that membership of the AACV is now 253, i.e., 12% of Australian Veterinary Association membership.

The president reported that the Association had been quite active during the previous year. The AACV had been involved in two enquiries before the Industries Assistance Commission; had regularly attended as members of the Australian National Cattlemen's Council, and had been involved in several representations to the Australian Department of Agriculture.

The Association was elected to Associate Membership of the World Association for Buiatrics.

The sub-committee on bull evaluation presented a Bull Evaluation Form. The form was adopted as the AACV's official form, and it was decided to obtain endorsement from the Australian Veterinary Association.

September 1975

G. R. Murray, V.V.Sc.
Hon. Secretary

Editor's Note: Over 100 members of the AACV receive The Bovine Practitioner and Convention Proceedings.



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 _____

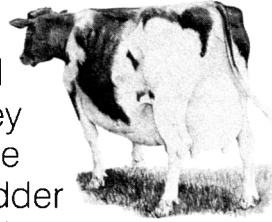
MAIL TO: Eric I. Williams, F.R.C.V.S., Editor
1226 N. Lincoln
Stillwater, Oklahoma 74074

NAQUASONE.^{®*}

Quickly gets caked udders back to normal production.

© Copyright American Association of Bovine Practitioners; open access distribution.

Untreated, caked udder (physiological parturient udder edema) can cost you money by keeping first calf heifers off the milking line for weeks. When not treated promptly, the udder swells, blood circulation is impaired, and milk production suffers.



Caked udder can also shorten a cow's productive life, lead to permanent udder damage and mastitis, and increase labor costs. So it's important to get caked udders back to normal fast. That's what NAQUASONE does.

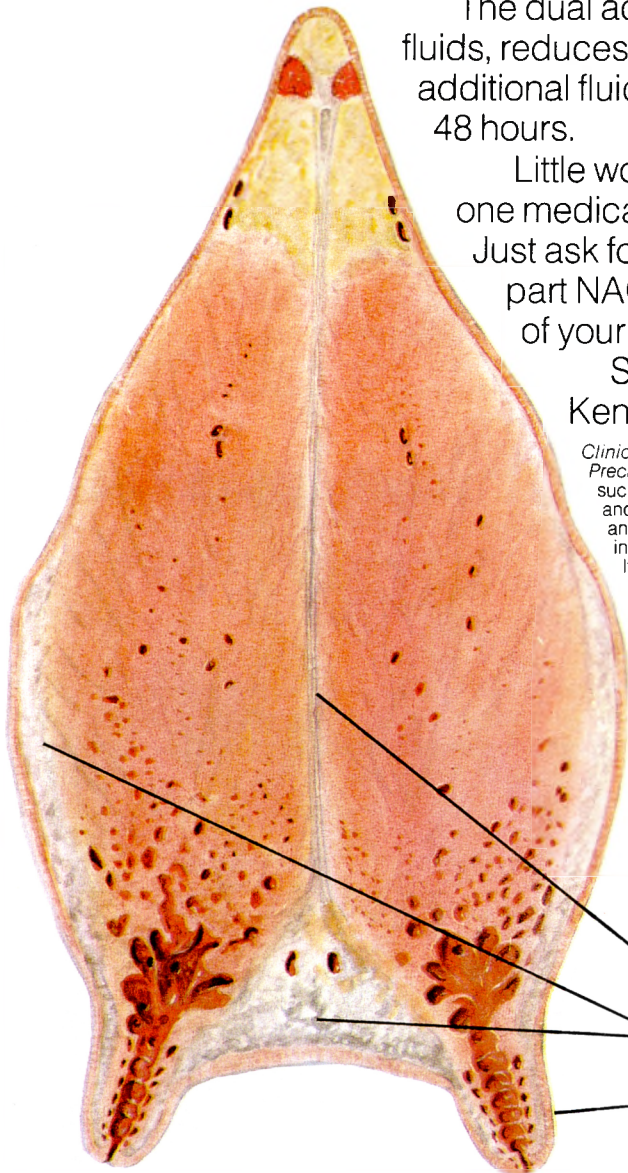
The dual action of NAQUASONE quickly drains trapped fluids, reduces swelling and inflammation, and prevents additional fluid formation. You'll see results within 24 to 48 hours.

Little wonder NAQUASONE has become the number one medication for caked udder. Your veterinarian has it. Just ask for the "big yellow pill." He'll explain the important part NAQUASONE plays in protecting the economic life of your herd.

Schering Corporation, Animal Health Division, Kenilworth, N.J. 07033.

Clinical synopsis: Response: visible in 24-48 hours; average recovery in 3-4 days.
Precautions: veterinarian should be aware of the possible side effects of dexamethasone such as suppression of inflammation, reduction of fever, increased protein degradation and its conversion to carbohydrate leading to a negative nitrogen balance, sodium retention and potassium diuresis, retardation of wound healing, lowering of resistance to many infectious agents such as bacteria and fungi, reduction in numbers of circulating lymphocytes. *Contraindications:* animals with severe renal functions, impairments and untreated infections. *Warnings:* Milk taken from dairy animals during treatment and for 72 hours after the latest treatment must not be used for food. Clinical and experimental data have demonstrated that corticosteroids administered orally or parenterally to animals may induce the first stage of parturition when administered during the last trimester of pregnancy and may precipitate premature parturition followed by dystocia, fetal death, retained placenta and metritis.

Schering



Strain on suspensory ligament
 Excess fluid accumulation
 Swollen teats

*Each bolus contains 200 mg. trichlormethiazide and 5 mg. dexamethasone.