

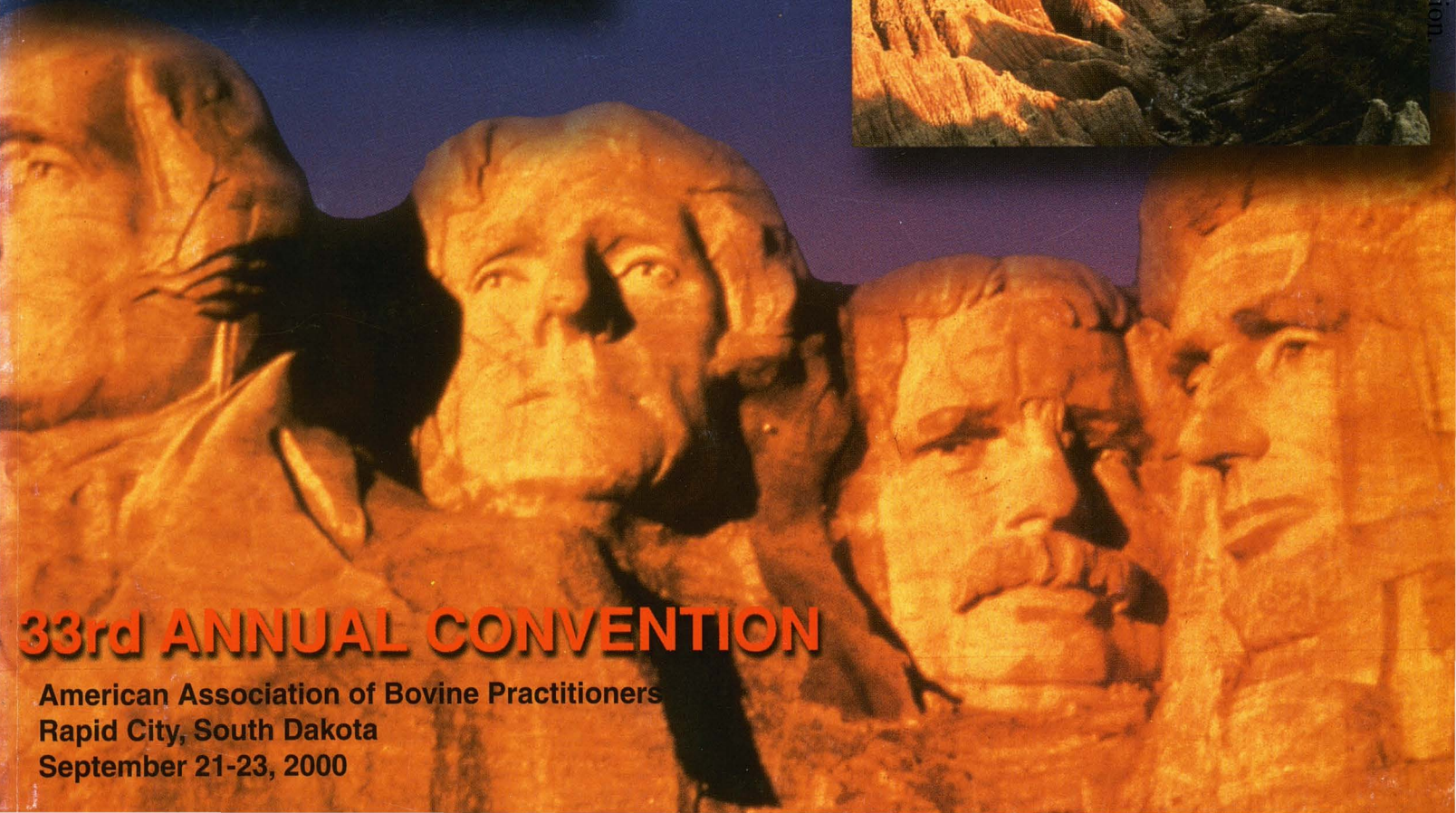
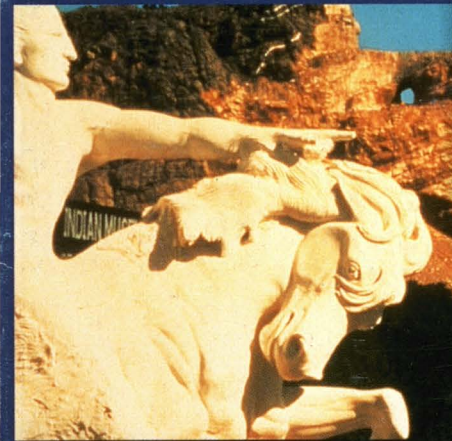


# The Bovine PRACTITIONER

THE OFFICIAL PUBLICATION OF THE  
AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

Vol. 34, No. 2  
MAY, 2000

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



## 33rd ANNUAL CONVENTION

American Association of Bovine Practitioners  
Rapid City, South Dakota  
September 21-23, 2000



# The Bovine PRACTITIONER

**EDITOR:**  
**ROBERT A. SMITH, DVM**  
3404 Live Oak Lane  
Stillwater, Oklahoma 74075  
Tel: (405) 372-8666  
FAX (405) 743-8422

**PRINTER:**  
**Frontier Printers, Inc.**  
205 W. 9th  
Stillwater, Oklahoma 74074

## OFFICERS

**President** ..... **Larry Hutchinson, DVM**  
University Park, Pennsylvania

**President-Elect** ..... **Rod Sydenham, DVM**  
Millet, Alberta, Canada

**Vice President** ..... **Kent Ames, DVM**  
East Lansing, Michigan

**Past President** ..... **Walter M. Guterbock, DVM**  
Scotts, Michigan

**Executive Vice President** ..... **James A. Jarrett, DVM**  
Rome, Georgia

**Treasurer** ..... **Roger Saltman, DVM**  
Cazenovia, New York

**Parliamentarian** ..... **M. Gatz Riddell, DVM**  
Auburn, Alabama

## BOARD OF DIRECTORS

<b>Jim Ehrlich, DVM</b> Argyle, New York 1st District, 2002	<b>Kenneth Nordlund, DVM</b> Madison, Wisconsin 5th District, 2000	<b>Alan Herring, DVM</b> Litchfield Park, Arizona 10th District, 2002
<b>Richard L. Wilkes, DVM</b> Rocky Mount, Virginia 2nd District, 2000	<b>Mark Kirkpatrick, DVM</b> Ames, Iowa 6th District, 2001	<b>Gregory A. Ledbetter, DVM</b> Jerome, Idaho 11th District, 2000
<b>Charlie Hatcher, DVM</b> College Grove, Tennessee 3rd District, 2001	<b>Wade Taylor, DVM</b> Oakley, Kansas 7th District, 2002	<b>Emile Bouchard, DVM</b> St. Hyacinthe, Quebec, Canada 12th District, 2001
<b>Rich Meiring, DVM</b> Fort Recovery, Ohio 4th District, 2002	<b>Steve Lewis, DVM</b> Hereford, Texas 8th District, 2000	<b>David Hamilton, DVM</b> Morden, Manitoba, Canada 13th District, 2002
	<b>Jim Wasson, DVM</b> Armour, South Dakota 9th District, 2001	

## REPRESENTATIVE TO THE AVMA HOUSE OF DELEGATES:

**Darrel E. Johnson, DVM**  
Weyauwega, Wisconsin

**James A. Jarrett, DVM**  
(alternate)

## EXHIBITS MANAGER:

**Samuel Hutchins, III, DVM**  
South Barre, Vermont

## ADVERTISING AGENCY:

**Veterinary Learning Systems**  
425 Phillips Boulevard #100  
Trenton, NJ 08618-1496  
913-451-3475 Fax: 913-451-3929

THE BOVINE PRACTITIONER is published by the American Association of Bovine Practitioners, Inc., at **Frontier Printers, 205 W. 9th, Stillwater, OK 74074 (Tel: 405-372-8500; FAX 405-372-8523)**. Over 6000 copies are mailed to veterinarians engaged in cattle practice and allied institutions. Send new address (please include old address) to:

**Dr. James A. Jarrett, Exec. Vice President, AABP, P.O. Box 1755, Rome, GA 30162-1755**

**Tel: 1-800-269-2227; FAX 706-232-2232**

**e-mail: aabphq@aabp.org**

**http://www.aabp.org**

THE BOVINE PRACTITIONER is the official publication of The American Association of Bovine Practitioners, published in January and May annually. It also serves as a communication medium between bovine practitioner organizations around the world. All manuscripts and communications must be presented in English.

Copies of THE BOVINE PRACTITIONER are available to non-members for \$25.00 per copy, surface mail, or \$30.00, airmail (overseas).

# Table of Contents

Association of Seroconversion with Isolation of Agents in Transtracheal Wash Fluids Collected From Pneumonic Calves Less than Three Months of Age — <i>A.-M.K. Virtala, Y.T. Gröhn, G.D. Mechor, H.N. Erb, E.J. Dubovi</i> .....	77
Choosing the Right Cutoff Level of Milk Progesterone to Determine Pregnancy Status of Dairy Cows on Day 21 Post-Breeding — <i>Paul D. Carrière, Luc DesCôteaux, Michel Bigras-Poulin</i> .....	81
Evaluation of the Early Conception Factor (ECF™) Dip Stick Test in Dairy Cows Between Days 11 and 15 Post-Breeding — <i>Luc DesCôteaux, Paul D. Carrière, Michel Bigras-Poulin</i> .....	87
Hematologic Abnormalities over 5 Days in Cows with Acute <i>Escherichia coli</i> Mastitis — <i>Christopher K. Cebra, Margaret L. Cebra, Franklyn B. Garry</i> .....	92
A Preliminary Evaluation of the Effect of Vaccination with Modified Live Bovine Viral Diarrhea Virus (BVDV) on Detection of BVDV Antigen in Skin Biopsies Using Immunohistochemical Methods — <i>William R. DuBois, V. L. Cooper, Jeanenne C. Duffy, Darrin D. Dean, Roy L. Ball, Billie D. Starr, Jr.</i> .....	98
Case Report - Nephrectomy for the Treatment of Ectopic Ureter in a Holstein Heifer Calf — <i>Elizabeth J. Hammer, Jan F. Hawkins, Thomas J. Divers, Lynn Sammons</i> .....	101
Pasture Deworming and (or) Subsequent Feedlot Deworming with Fenbendazole. I. Effects on Grazing Performance, Feedlot Performance and Carcass Traits of Yearling Steers — <i>Robert A. Smith, Karen C. Rogers, Scott Huse, Mary I. Wray, Robert T. Brandt, Jr., John P. Hutcheson, Wade T. Nichols, R. Flint Taylor, Jerry R. Rains, Charles T. McCauley</i> .....	104
Pasture Deworming and (or) Subsequent Feedlot Deworming With Fenbendazole. II. Effects on Abomasal Worm Counts and Abomasal Pathology of Yearling Steers — <i>R. Flint Taylor, Donald H. Bliss, Robert T. Brandt, Jr., Wade T. Nichols, Jerry R. Rains, John P. Hutcheson, Robert A. Smith</i> .....	115
Effect of Castration on Weight Gain of Beef Calves — <i>J.F. Baker, J.E. Strickland, R.C. Vann</i> .....	124
Case Report - Phosphine Gas Detected in the Rumen Content of Dead Calves — <i>Sandra Morgan, Gene A. Niles, W.C. Edwards</i> .....	127
Case Study - Use of Compounded Antibiotics for Treatment of Mastitis — <i>Ynte H. Schukken, Ruben N. Gonzalez, David J. Wilson, Linda Garrison, Frank Welcome, Gary Bennett, Hal Schulte, Fred Julius, Roger Saltman</i> .....	130

## Advertisers Index

Grand Laboratories .....	134
Pfizer Animal Health .....	inside front cover
Pharmacia & Upjohn Inc .....	126, outside back cover

*Cover photos courtesy of Rapid City Convention and Visitors Bureau*