

Equine Embryo Transfer

Advances in Diagnostic and Therapeutic Techniques in Equine Reproduction, An Issue of Veterinary Clinics of North America: Equine Practice, Proceedings of the Fourth International Symposium on Equine Embryo Transfer
 Equine Embryo Transfer
 Equine Breeding Management and Artificial Insemination
 Equine Embryo Transfer
 Interpretation of Equine Laboratory Diagnostics
 Fertility and Obstetrics in the Horse
 Breeding Horses
 Equine Reproductive Physiology, Breeding and Stud Management, 5th Edition
 Equine Embryo Transfer III
 The Era of Assisted Reproductive Technologies Tailored to the Specific Necessities of Species, Industry and Case Reports
 Cryopreservation and Freeze-Drying Protocols
 Embryo Transfer in Animals
 Collection and Transfer of Equine Embryos
 MAMMALIAN EGG TRANSFER
 Embryo Transfer, 1979-85
 Proceedings of the Third International Symposium on Equine Embryo Transfer
 Manual of Equine Reproduction - E-Book
 Proceedings of the 6th International Symposium on Equine Embryo Transfer
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 Equine Embryo Transfer
 The Clinical Companion of the Donkey
 Horse Researchers Make Gains in Embryo Transfer Technology
 Collection and Transfer of Equine Embryos
 Equine Reproductive Procedures
 Genetics and the Behavior of Domestic Animals

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Advances in Diagnostic and Therapeutic Techniques in Equine Reproduction, An Issue of Veterinary Clinics of North America: Equine Practice, BRILL

International animal welfare charity The Donkey Sanctuary is launching The Clinical Companion of the Donkey, the revised version of The Professional Handbook of the Donkey, which has been the definitive text for clinicians and professionals working in donkey medicine or surgery for over twenty years. Now in an easy-to-read and easy-to-navigate format over its 360 pages, this updated paperback includes current and extra information in a bid to improve the health and welfare of donkeys worldwide by sharing knowledge and providing further education. Without covering the same ground as other excellent textbooks, The Clinical Companion of the Donkey concentrates on those differences in the equine species that are specific to the donkey. A new chapter on donkey behaviour has been included, as this is fundamental to understanding this unique animal and the presentation of clinical signs and requirements for handling, nursing and treatment. Technical colour illustrations have been included using images from the extensive libraries at The Donkey Sanctuary, as well as those private collections that belong to contributors. This book will also be available as translated versions over the following months. Created with heart and keen intelligence, The Clinical Companion of the Donkey has all the attributes of the animal it aims to aid, and will surely be the textbook of professionals involved with donkeys for years to come.

Proceedings of the Fourth International Symposium on Equine Embryo Transfer MDPI

In addition to outlining the fundamental principles associated with the conservation of biological resources, freeze-drying and cryopreservation, this text is a compilation of cryopreservation and freeze-drying methodologies applicable to different biological materials, developed by expert laboratories.

Equine Embryo Transfer Springer Science & Business Media
 This two-volume textbook provides a comprehensive overview on the broad field of Animal Biotechnology with a special focus on livestock reproduction and breeding. The reader will be introduced to a variety of state-of-the-art technologies and emerging genetic tools and their applications in animal production. Also, ethics and legal aspects of animal biotechnology will be discussed and new trends and developments in the field will be critically assessed. The two-volume work is a must-have for graduate students, advanced undergraduates and researchers in the field of veterinary medicine, genetics and animal biotechnology. This first volume mainly focuses on artificial

insemination, embryo transfer technologies in diverse animal species and cryopreservation of oocytes and embryos.
Equine Breeding Management and Artificial Insemination Springer
 Written for students and all with a general interest in breeding horses, this book sets out to provide a basic understanding with sufficient practical information for beginners to get started. Enough reproductive physiology of the mare and stallion is included to clarify the management techniques which are explained later in the book, but unnecessary details are avoided. Artificial insemination and embryo transfer are also explained, as are selecting the broodmare and stallion, management at covering and during pregnancy, and post-partum care of the mare and foal.

Equine Embryo Transfer Academic Press
 Interpretation of Equine Laboratory Diagnostics offers a comprehensive approach to equine laboratory diagnostics, including hematology, clinical chemistry, serology, body fluid analysis, microbiology, clinical parasitology, endocrinology, immunology, and molecular diagnostics. Offers a practical resource for the accurate interpretation of laboratory results, with examples showing real-world applications Covers hematology, clinical chemistry, serology, body fluid analysis, microbiology, clinical parasitology, endocrinology, immunology, and molecular diagnostics Introduces the underlying principles of laboratory diagnostics Provides clinically oriented guidance on performing and interpreting laboratory tests Presents a complete reference to establish and new diagnostic procedures Offers a practical resource for the accurate interpretation of laboratory results, with examples showing real-world applications Covers hematology, clinical chemistry, serology, body fluid analysis, microbiology, clinical parasitology, endocrinology, immunology, and molecular diagnostics Introduces the underlying principles of laboratory diagnostics Provides clinically oriented guidance on performing and interpreting laboratory tests Presents a complete reference to established and new diagnostic procedures

Interpretation of Equine Laboratory Diagnostics CABI
 Nowadays, assisted reproductive technologies (ARTs) have a pivotal role not only in achieving fertilization in subfertile animals, but they are also involved in the management of the herd, decreasing disease spread and even allowing offspring sex selection. Nonetheless, there are differences between species or even within species that have led researchers worldwide to focus on those differences in order to bypass these specific difficulties. This Special Issue, titled "The Era of Assisted Reproductive Technologies Tailored to the Specific Necessities of Species, Industry and Case Reports" and published in *Animals*, is composed of 12 original manuscripts and three reviews that offer an overview of current and future ARTs used to improve reproductive outcomes, mainly focused on farm animals, such as

horse, pig, bovine, rabbit and ovine species. Thus, the Special Issue covers information from the classical point of view, including comparative studies of different semen extenders, to the most advanced technologies of sperm selection by thermotaxis or chemoattractants, as well as the improvement of sperm features by red light irradiation. The female and embryo contributions to ART outcomes are also covered, for instance, with a study that improves our knowledge by the metabolomic description of follicular fluid composition or the description of better culture conditions of oocytes. In brief, this Special Issue provides a balanced overview of emerging techniques and technologies used to preserve, improve, rescue or even create fertility for domestic farm animals with high economic impact.

Fertility and Obstetrics in the Horse CRC Press
 This issue of *Veterinary Clinics of North America: Equine Practice* focuses on *Advances in Diagnostic and Therapeutic Techniques in Equine Reproduction*. Article topics include: Embryo Transfer; Breakthroughs in Embryo Cryopreservation; Collection, Maturation and Shipment of Oocytes for ART; ICSI, Embryo Culture and Transfer; Effects of Insulin Resistance/Cushing's on Reproduction; Use of AMH as Diagnostic Tool in Males and Females; Endometritis: Managing Persistent Post-Breeding Endometritis; Endometritis: Diagnostic Tools for Infectious Endometritis; Endometritis: Non-Traditional Therapies; and more!
Breeding Horses Elsevier Health Sciences

"This publication deals with the broodmare, which is the key animal in the Equine chain. In the new competitive context of Equine Industry, the mare should foal a healthy offspring yearly at an optimum cost. The foal should be born and weaned at the accurate months of the year to fit the particular goals of production, i.e. races, sports or leisure horses. The improvement of knowledge of the biology of pregnancy and lactation on the one hand and of the nutrition and the interaction between nutrition and physiology of reproduction on the other hand is of major concern to the equine industry. The book is divided in six parts: - Pregnancy - Lactation - The foal - Feeding practices and pasture management - Nutrition and reproductive performances - Advances in reproductive biotechnologies Each part contains peer-reviewed contributions by well known experts. These materials are the second step of further discussion on the evaluation and prediction of the requirements of the different types of horses covered in the scope of the working group of the Horse commission of the European Association for Animal Production. All those concerned with husbandry and feeding systems in the equine industry will find this book a valuable resource. It serves as a reference point for scientists, veterinarians, adviser officers, and practitioners in the equine industry, as well as for teachers and students in equine science."
Equine Reproductive Physiology, Breeding and Stud Management,

5th Edition Springer

Dieses vollständig aktualisierte Referenzwerk erläutert die Techniken der Theriogenologie bei Pferden. Die 2. Auflage von Equine Reproductive Procedures ist ein vollständig aktualisiertes Praktikerbuch für Pferdeterärzte, Studenten der Veterinärmedizin und Fachtierärzte für Theriogenologie. Es beschreibt Schritt für Schritt die Verfahren der Theriogenologie bei Pferden und vermittelt die notwendigen klinischen Kenntnisse. Die Themen behandeln das Reproduktionsmanagement bei Pferden, u. a. Diagnoseverfahren und therapeutische Prozeduren bei Stuten, Hengsten und Fohlen. Die verschiedenen Verfahren werden klar beschrieben und anhand von Fotos verdeutlicht. Eine Liste der für das jeweilige Verfahren notwendigen Instrumente und Hilfsmittel und ein Referenzverzeichnis runden die Publikation ab. - Enthält Schritt-für-Schritt-Beschreibungen der verschiedenen Verfahren der Theriogenologie bei Pferden. - Präsentiert als wertvolles Praktikerbuch 39 neue Verfahren, die in der 1. Auflage nicht enthalten sind. - Verfahren, die in der Erstauflage erläutert wurden, wurden aktualisiert. Studenten der Veterinärmedizin, die sich mit der Reproduktion bei Pferden beschäftigen, und Fachtierärzte für Theriogenologie erhalten mit diesem Praxisratgeber alles Wissenswerte in einer Publikation.

Equine Embryo Transfer III Elsevier Health Sciences
Now in full color, Manual of Equine Reproduction, 3rd Edition provides a comprehensive look at the reproductive management of horses, including management of stallions, pregnant mares, and neonatal foals. Expert authors use a concise, practical approach in discussing improved therapies and treatments in equine breeding. You'll enhance your skills and knowledge with this book's detailed coverage of techniques used in reproductive examination, breeding procedures, pregnancy diagnosis, foaling, and reproductive tract surgery. A clinical emphasis includes a step-by-step format of possible scenarios from conception to breeding management. Practical information includes topics such as breeding with transported cooled or frozen semen, and caring for the broodmare and newborn foal. The organization of material corresponds to the course of study in veterinary school, so you can find topics easily. Chapter objectives and study questions at the beginning of each chapter guide you through the material and provide clear learning goals. Evaluation of Breeding Records chapter covers the importance of breeding records, and how to use them to evaluate stallion performance and optimize fertility. References are listed at the end of each chapter for further research and study. Full-color photographs and illustrations clearly depict procedures, and all drawings have been redrawn and improved. NEW Assisted Reproductive Technology chapter goes beyond embryo transfer. Updated content includes the latest advances in therapies and treatments. New content is added to two chapters, Reproductive Physiology of the Nonpregnant Mare and Manipulation of Estrus in the Mare. Thorough coverage of every aspect of equine reproduction provides a strong foundation for success in veterinary practice, including a discussion of the use of GnRH-analog deslorelin (Ovuplant) to hasten ovulation; aseptic technique for endometrial biopsy; use of transabdominal ultrasonography, especially in early pregnancy; determination of fetal gender by transrectal ultrasonography; aspiration testicular biopsy using a spring-loaded biopsy instrument; and procedure for surgical embryo transfer.

The Era of Assisted Reproductive Technologies Tailored to the Specific Needs of Species, Industry and Case Reports

John Wiley & Sons

Equine Reproductive Physiology Breeding and Stud Management, 5th Edition provides a thorough grounding in equine reproductive anatomy and physiology and applies it to all aspects of breeding and stud management. This includes detailed coverage of the management of mares, stallions and foals, as well as stud management practicalities such as infertility, artificial insemination and advanced reproductive techniques. This textbook, which has been updated throughout with additional material and references, continues to provide an authoritative treatise on equine reproduction for students, practising veterinary surgeons and stud managers.

Cryopreservation and Freeze-Drying Protocols

Elsevier Health Sciences

Now in a much-anticipated two-volume new edition, this gold-standard reference stands as the most comprehensive and

authoritative text on equine reproduction. Serving theriogenologists, practitioners and breeders worldwide as a one-stop resource for the reproductive assessment and management of equine patients, Equine Reproduction, Second Edition provides detailed information on examination techniques, breeding procedures, pregnancy diagnosis and management, reproductive tract diseases and surgery, and foaling. A companion website offers hundreds of images from the book in color. For the Second Edition, the stallion, mare and foal sections have been thoroughly updated and revised to include the latest information on every subject. New topics include discussion of nutritional and behavioral factors in the broodmare and stallion, parentage testing, fetal sexing and the health and management of older foals, weanlings and yearlings. Additionally, this outstanding Second Edition features a new section on assisted reproductive techniques, including detailed information on artificial insemination, in-vitro fertilization, embryo transfer and technology.

Embryo Transfer in Animals

John Wiley & Sons

This book briefly reviews the history of equine embryo transfer, covering in clinically practical terms the techniques, equipment, and management protocols currently in use. Embryo transfer has become a big business, especially for breeding racing stock (horses and camels), and is therefore a very important aspect of equine practice. Ed Squires and Pat McCue have been involved with the development of embryo collection and transfer procedures since the early 60s and have both contributed important techniques and innovations to the process through their research and clinical experience. This book captures the clinical experience, so far, and applies it directly to equine practice. The book is of great value to general equine practitioners for reference, equine reproduction specialists, animal science at the graduate level (equine track), and breeders.

Collection and Transfer of Equine Embryos Equine Embryo Transfer

Behavior is shaped by both genetics and experience—nature and nurture. This book synthesizes research from behavioral genetics and animal and veterinary science, bridging the gap between these fields. The objective is to show that principles of behavioral genetics have practical applications to agricultural and companion animals. The continuing domestication of animals is a complex process whose myriad impacts on animal behavior are commonly under-appreciated. Genetic factors play a significant role in both species-specific behaviors and behavioral differences exhibited by individuals in the same species. Leading authorities explore the impact of increased intensities of selection on domestic animal behavior. Rodents, cattle, pigs, sheep, horses, herding and guard dogs, and poultry are all included in these discussions of genetics and behavior, making this book useful to veterinarians, livestock producers, laboratory animal researchers and technicians, animal trainers and breeders, and any researcher interested in animal behavior. Includes four new chapters on dog and fox behavior, pig behavior, the effects of domestication and horse behavior Synthesizes research from behavioral genetics, animal science, and veterinary literature Broaches fields of behavior genetics and behavioral research Includes practical applications of principles discovered by behavioral genetics researchers Covers many species ranging from pigs, dogs, foxes, rodents, cattle, horses, and cats

MAMMALIAN EGG TRANSFER Elsevier Health Sciences

Following on from the successful format of the previous editions, Fertility and Obstetrics in the Horse 3e is a practical and user-friendly guide to equine reproduction. From explaining the anatomy of the mare's reproductive tract to detailing problems encountered during pregnancy, it covers all the major areas of concern as well as including the latest developments in diagnostic procedures and treatment techniques. Fully updated to take into account new developments and research; An ideal rapid reference for veterinary practitioners and veterinary students, as well as a crucial source of information and advice for those in the breeding business; New material includes expanded sections on the stallion endometritis and embryo transfer technologies, alternative methods of fertilization and insemination techniques.

Embryo Transfer, 1979-85

Troubador Publishing Ltd

Equine Embryo Transfer

CRC Press

Proceedings of the Third International Symposium on Equine

Embryo Transfer

CRC Press

Put the principles of good breeding management into practice with Equine Breeding Management and Artificial Insemination, 2nd Edition for reproductive success! Practical information on the reproductive management of both thoroughbred and warmblood breeding operations prepares you to effectively breed even problem mares and stallions. Plus, detailed content on techniques, procedures, reproductive physiology, and more help you increase reproductive efficiency as well as track and improve your results throughout each breeding season. A section on reproduction efficiency evaluation includes a worksheet to evaluate the performance of both mares and stallions during each breeding season, and helps you compare reproductive performance with previous breeding seasons. Detailed descriptions of procedures and techniques including embryo transfer, artificial insemination, and more enable you to implement the methods for better breeding results. Practical information on reproductive management of both thoroughbred and warmblood breeding operations enhance the fertility of problem mares and stallions. World-renowned authors and contributors with years of practical knowledge and experience provide cutting-edge information. Vibrant full-color design and photographs show accurate representations of clinical appearance. Chapters covering the latest reproductive techniques improve chances of successful breeding, and improve survival rates after the birth of the foal. Vital chapters with information on recognizing potential problems help you quickly identify warning signs before fertility is negatively affected.

Manual of Equine Reproduction - E-Book

John Wiley & Sons

This book briefly reviews the history of equine embryo transfer, covering in clinically practical terms the techniques, equipment, and management protocols currently in use. Embryo transfer has become a big business, especially for breeding racing stock (horses and camels), and is therefore a very important aspect of equine practice. Ed Squires and Pat McCue have been involved with the development of embryo collection and transfer procedures since the early 60s and have both contributed important techniques and innovations to the process through their research and clinical experience. This book captures the clinical experience, so far, and applies it directly to equine practice. The book is of great value to general equine practitioners for reference, equine reproduction specialists, animal science at the graduate level (equine track), and breeders.

Proceedings of the 6th International Symposium on Equine Embryo Transfer CRC Press

Offering the most current insights on horse breeding, this book covers the entire reproductive system, normal and abnormal mare physiology, and a wide range of reproductive problems commonly seen in both the mare and stallion. Coverage includes advanced reproductive techniques, with numerous breeding strategies to help you achieve optimal fertility rates. Features the most current information available on equine reproduction, including the latest therapies and treatments for breeding dysfunction, as well as advances in reproductive techniques Focuses on therapy and treatment to provide practitioners with quick access to key information Features the shared experience and valuable advice of world-renowned experts who have first-hand knowledge of which treatments and therapies are most effective

Proceedings of the 5th International Symposium on Equine

Embryo Transfer

Teton NewMedia

Egg transfer was first performed in 1890, but for half a century it received scant attention. However, since 1950 the technique has become increasingly widely used - in the laboratory for fundamental studies and more recently in practice, both veterinary and medical, to boost reproductive potential of genetically superior cattle and to overcome sterility due to impaired rubal function in women. As a result, a considerable body of literature has accumulated, totaling well in excess of a thousand references. But till now there has not been a single comprehensive text devoted solely to this subject. The present work was designed to meet that need at a time when the field is fast expanding with new techniques and approaches constantly being evolved. One need only cite the tremendous rate of progress in human egg transfer in the last three years. The work embraces laboratory and farm animals and primates, including man, altogether representing a total of 16 species.

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