



ISER Global Education “How to...” Webinars

Webinar Status:

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- Coming soon**
- Planned**

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- Specific diagnostic and management techniques
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- Anatomy, physiology and endocrinology
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- Semen collection, evaluation and artificial insemination
- Sexual behavior
- Specific techniques used in reproductive examination of the stallion
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- Surgical procedures of the male reproductive tract
- Techniques in Reproductive Examination

Section: ASSISTED REPRODUCTIVE TECHNIQUES

Sub-section: Embryos	Title	Author(s)
How to...	transfer equine embryos non-surgically (Wilsher forceps)	Juan Cuervo-Arango
How to...	slow freeze <i>in vitro</i> equine embryos	Maria Barandalla & Silvia Colleoni
How to...	produce <i>in vitro</i> embryos without zona pellucida and why	Andres Gambini
How to...	evaluate <i>in vivo</i> produced equine embryos	Pat McCue & Angus McKinnon
How to...	select and manage embryo recipient mares to optimize success	Tom Stout
How to...	prepare equine embryos for room temperature transport	
How to...	prepare equine embryos for cooled transport	
How to...	transfer equine embryos non-surgically (manual)	
How to...	biopsy equine embryos	
How to...	perform nuclear transfer	
How to...	freeze equine embryos - vitrification and collapse	
How to...	recover equine embryos	
Sub-section: Oocytes		
How to...	perform intra-cytoplasmic sperm injection (ICSI) in horses	Silvia Colleoni & Maria Barandalla
How to...	perform ovum pick up (OPU) for collection of immature oocytes	Rob Foss
How to...	recover oocytes from euthanised mares	Jenn Hatzel
How to...	perform <i>in vitro</i> embryo production (IVEP) and assess embryo development and quality	Niamh Lewis
How to...	cryopreserve equine oocytes	Katrien Smits
How to...	ship immature equine oocytes for intracytoplasmic sperm injection (ICSI)	Rob Foss
How to...	set up an intracytoplasmic sperm injection (ICSI) laboratory	
How to...	perform oocyte transfer & gamete intra-Fallopian transfer (GIFT)	
How to...	collect in vivo matured oocytes	
How to...	prepare oocytes for transport / holding - and perform in vitro maturation (IVM)	

Sub-section: Semen

How to...	harvest and freeze epididymal spermatozoa	Thais Cavaleiro, Lucas Canuto, Marco Alvarenga & Frederico Papa
How to...	store, manage and distribute frozen semen	Paul R. Loomis
How to...	evaluate frozen semen	Paul R. Loomis
How to...	freeze equine semen	Anna Toenissen
How to...	sex select equine spermatozoa with flow cytometry	
How to...	harvest and freeze epididymal spermatozoa	
How to...	sex select equine spermatozoa with magnetic beads	
How to...	perform low dose hysteroscopic insemination	
How to...	breed with frozen semen and deep horn artificial insemination (AI)	
How to...	manage venereal diseases in frozen semen (equine infectious anemia EIA, equine viral arteritis EVA, contagious equine metritis CEM, Pseudomonas, Klebsiella)	

Section: FOAL

Sub-section: Cardiovascular system

Title

Author(s)

How to...	diagnose congenital and acquired cardiovascular disease of the foal using echocardiography	Celia M. Marr
How to...	perform and interpret perinatal echocardiograms (ECGs)	

Sub-section: Endocrine system

How to...	diagnose and treat endocrine disorders in foals	Ramiro Toribio
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Sub-section: Gastrointestinal system

How to...	diagnose and treat gastroduodenal ulcers (EGUS) in foals	Frank M. Andrews
How to...	diagnose and manage meconium impactions	Rana Bozorgmanesh
How to...	evaluate colic in the foal	Melissa Fenn
How to...	diagnose and treat hepatic disorders of the foal	Jamie Kopper
How to...	evaluate and treat shock in the foal	Peter Morresey
How to...	treat diarrhoea of the older foal	
How to...	diagnose and treat hepatic disorders of the foal	
How to...	evaluate and treat neonatal diarrhoea	
How to...	identify and manage less common gastrointestinal disorders including atresia, chyloperitoneum and Lethal White Syndrome	
How to...	manage surgical gastrointestinal conditions	
How to...	diagnose surgical gastrointestinal conditions	

Sub-section: Hemopoetic system

How to...	evaluate and treat neonatal anemia and coagulation disorders	Emily Floyd
How to...	evaluate and administer a blood transfusion in the foal	Emily Floyd

Sub-section: Immune system

How to...	understand the development of neonatal immunity and diagnosis of immune disorders	Kate McGovern
How to...	assess and modify passive transfer in foals	Emily Berryhill
How to...	identify and manage complications of neonatal infection	
How to...	assess colostrum quality and provide artificial supplementation	

Sub-section: Integument system

How to...	identify and treat skin disorders in the foal	Derek Knottenbelt
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Sub-section: Musculoskeletal system

How to...	ultrasound the musculoskeletal system of the foal	Katie Garrett
How to...	manage infectious arthritis and osteomyelitis in the foal	Russell B. Freeland
How to...	manage angular limb deformities	Russell B. Freeland

Sub-section: Nervous system

Sub-section: Ocular system

	Eye problems in foals	Dennis E. Brooks
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Sub-section: Problems of older foals

How to...	treat <i>Streptococcus equi equi</i> in foals	Jamie Kopper
How to...	manage weight loss in foals	Kate McGovern
How to...	understand epidemiology and pathogenesis of <i>Rhodococcus equi</i> pneumonia	Macarena Sanz
How to...	provide prophylaxis for <i>Rhodococcus equi</i> pneumonia	Macarena Sanz
How to...	diagnose and treat <i>Rhodococcus equi</i> pneumonia	Macarena Sanz

Sub-section: Respiratory system

How to...	perform diagnostics to evaluate respiratory disorders of the foal	Hayley Chidlow
How to...	treat some common bacterial and viral respiratory disorders of the neonate	Hayley Chidlow
How to...	evaluate congenital abnormalities of the respiratory system	Hayley Chidlow

Sub-section: Specific diagnostic and management techniques

How to...	resuscitate the neonatal foal at birth	Rana Bozorgmanesh
How to...	manage foal rejection and options for bad moms	Rana Bozorgmanesh
How to...	diagnose and manage rib fractures in the foal	Rana Bozorgmanesh
How to...	assess the neonatal foal	Charlotte Easton-Jones
How to...	treat the critical neonatal foal	Charlotte Easton-Jones
How to...	monitor the critical neonatal foal	Charlotte Easton-Jones
How to...	provide fluid therapy for the equine neonate	Krista Estell
How to...	provide enteral and parenteral nutrition to the foal	Krista Estell
How to...	safely sedate and anesthetize a foal	Alonso Guedes
How to...	perform transcutaneous abdominal and thoracic ultrasound of the foal	Jamie Kopper
How to...	perform the Madigan foal squeeze and new findings in equine neonatal maladjustment syndrome	John E. Madigan
	Developmental behavior of foals	Sue McDonnell
	Low stress weaning of foals	Sue McDonnell

Section: MARE

Sub-section: Anatomy

Title

Author(s)

How to... recognise and manage caudal reproduction tract abnormalities

How to... evaluate external and internal reproductive anatomy

Sub-section: Behavior

How to... [understand why ovarioectomy doesn't always work to modify behaviour](#) James Crabtree

How to... [understand the hormonal basis for reproductive behavior in non-pregnant mares](#) Dirk K. Vanderwall

How to... explain mare behavior Sue McDonnell

Stereotypic behaviour of mares

Sub-section: Diagnostic ultrasonography

How to... [monitor the placenta in mid to late gestation](#) Joan Carrick

How to... [determine fetal sex between 100 and 130 days of gestation](#) Marco Livini

How to... [determine fetal sex between 55 and 75 days of gestation](#) Marco Livini

How to... [determine fetal sex in later gestation using transabdominal ultrasonography](#) Marco Livini

How to... [monitor early pregnancy in the mare \(day 12-45\)](#) Marco Livini

How to... [monitor early-mid gestation pregnancy \(day 60-270\)](#) Marco Livini

How to... [monitor late gestation pregnancy \(day 270 to term\) in the mare](#) Marco Livini

How to... [identify granulosa cell tumors \(GCT\) in the mare](#) Patrick M. McCue

How to... [understand cystic structures within and adjacent to the ovary of the mare](#) Patrick M. McCue

How to... [manage large diestrus follicles in the mare](#) Patrick M. McCue & Angus McKinnon

How to... [manage pre-fixation twins \(day 11-16\)](#) Angus McKinnon

How to... [manage pre-fixation twins \(day 17-60\)](#) Angus McKinnon

How to... [assess fetal growth / age using ultrasonographic measurements of standard biometric parameters](#) Catherine Renaudin

How to...	assess fetal growth / age as well as bone development using ultrasonographic imaging of the first phalange	Catherine Renaudin
How to...	use endometrial edema as a breeding management tool	Juan Samper
How to...	use fetal eye measures to estimate gestational age	Regina M. Turner
How to...	evaluate the mammary gland by ultrasonography	Ahmed Tibary
How to...	manage twins using cranio-cervical dislocation	Karen Wolfsdorf
How to...	manage post-fixation twins by vaginal ultrasonographic guided aspiration	
How to...	understand ultrasonographic principles	
How to...	recognise, understand and manage early embryonic death	
How to...	recognise the ultrasonographic characteristic of ovulation	
How to...	understand luteal development and morphology	
How to...	use color flow for follicular evaluation	
How to...	use color flow for luteal evaluation	
How to...	use ultrasonography to monitor and understand folliculogenesis	
How to...	use ultrasonography to monitor and understand ovulation	
	Chest compression	
How to...	understand normal ultrasonographic anatomy	
How to...	evaluate ovarian abnormalities	
How to...	manage anovulatory follicles	
How to...	predict and manage ovulation	
How to...	evaluate uterine abnormalities	
How to...	use color flow in equine reproductive practice	
How to...	manage post fixation twins manually Day 35-60	
How to...	manage post fixation twins manually Day 17-35	
How to...	manage post-fixation twins by ultrasonographic guided trans-abdominal intra-fetal injection	
How to...	use color flow for pregnancy evaluation	
How to...	understand how your ultrasound works	
How to...	determine fetal age with ultrasonography of the eye	

How to... determine fetal age with ultrasonography (eye, phalanx, aorta etc)

Sub-section: Diseases of the ovary and oviduct

How to... [understand the cause and effects of blockage of the equine oviduct](#) Sandra Wilsher

How to... manage oviductal blockage with misoprostol

How to... evaluate ovarian neoplasia

How to... evaluate disorders of ovulation

How to... recognise non-neoplastic ovarian abnormalities

How to... evaluate disorders of the oviduct

How to... manage oviductal blockage with laparoscopic prostaglandin E (PGE)

How to... manage oviductal blockage with hydrotubation

Sub-section: Diseases of the uterus

How to... [understand reproductive immunology of the equine uterus](#) Carleigh E. Fedorka

How to... [understand biofilm and non-antibiotic therapy for endometritis](#) Ryan Ferris

How to... [manage pyometra in the mare](#) Kristina Lu

How to... [use chromogenic agar to identify pathogenic bacteria in equine uterine samples](#) Patrick M. McCue

How to... [identify and manage uterine cysts](#) Jerome Ponthier

How to... [prepare platelet rich plasma \(PRP\) for intrauterine use in mares](#) Lorenzo Segabinazzi

How to... [manage persistent breeding-induced endometritis \(PBIE\) in the mare](#) Matts Troedsson & Maria Schnobrich

How to... manage and breed the problem mare part 1 Chelsie Burden

How to... manage and breed the problem mare part 2 Chelsie Burden

How to... manage and breed the problem mare part 3 Chelsie Burden

How to... manage retained fetal membranes Chelsie Burden

How to... use platelet rich plasma (PRP)

How to... use a biofilm assay

How to... manage and breed the problem mare

How to...	diagnose and manage fungal endometritis
How to...	identify abnormalities of uterine development
	Laboratory methods for isolation and evaluation of bacteria, fungi and yeast
	Abnormalities of contractility
How to...	manage acute and chronic bacterial endometritis (traditional therapies)
How to...	treat fluid accumulation
How to...	understand the physiology of endometritis

Sub-section: Female urogenital surgery

How to...	manage pneumovagina in the mare	Etta Agan Bradecamp
How to...	perform ovariectomy by laparoscopy	Dean Hendrickson
	Epidural analgesia in equine practice part 1: drugs, doses, safety and indications	Casper Lindegaard
	Epidural analgesia in equine practice part 2: techniques	Casper Lindegaard
How to...	perform an ovariectomy by colpotomy	Angus McKinnon
How to...	repair a recto-vaginal fistula (RVF) in the mare	Angus McKinnon
How to...	treat mares for delayed uterine clearance by performing uteropexy	Jim Schumacher
How to...	evaluate and repair cervical tears of mares	Jim Schumacher
How to...	manage rectal tears	
How to...	manage a third degree perineal laceration	
How to...	manage pneumovagina	
How to...	perform a perineal body reconstruction	
How to...	perform an epidural	
How to...	stop the mare pooling urine	
How to...	perform a hysterectomy	
How to...	perform ovariectomy by standing laparotomy	
How to...	perform ovariectomy under general anaesthesia by laparotomy	
How to...	manage vaginal varicosities	

Sub-section: General interest

How to...	Diagnose and treat gastrointestinal ulcers (EGUS) in pregnant and non-pregnant broodmares	Frank M. Andrews
How to...	diagnose and manage mares with equine metabolic syndrome (EMS)	Teresa Burns
How to...	understand the relevance of genomics to equine reproduction	Terje Raudsepp
How to...	manage common non-reproductive problems in the older mare	Rachel Tan
How to...	understand and manage antibiotic resistance and stewardship in reproductive practice	Laura Hardefeldt
How to...	diagnose and manage the Cushinoid mare	
How to...	understand ovarian senescence	
How to...	understand breeding efficiency	
How to...	manage the geriatric mare	
How to...	epidemiology applied to horse reproduction	

Sub-section: Legal

How to...	understand legal aspects of reproductive practice	
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Sub-section: Nutrition

How to...	care for the older mare: diet and health	Peter Huntington
How to...	manage and implement good nutrition for the broodmare	Peter Huntington
	Practical nutrition: back to basics	Sarah Stoneham

Sub-section: Other equids

How to...	understand reproductive parameters of the female donkey	Melina Pietrani & Luis Losinno
How to...	Understand reproductive parameters of the Przewalski's horse	Buddha Pukazhenthi
How to...	understand reproductive parameters of miniature ponies	
How to...	understand reproductive parameters of the zebra	

Sub-section: Pharmacological manipulation of reproduction

How to...	synchronise ovulation in the mare	Etta Agan Bradecamp
How to...	understand and manage hypothyroidism in mares and foals	Claire Card
How to...	suppress oestrous	James Crabtree
How to...	use endocrine therapy in the sub-fertile mare	Kristina Lu
How to...	manage induction of ovulation in the mare	Patrick M. McCue & Angus McKinnon
How to...	use oxytocin, with historical perspectives and tips learnt along the way	Jonathan F. Pycock
How to...	understand techniques of immuno-contraception	Martin Schulman
How to...	superovulate mares	Edward L. Squires
How to...	suppress estrous using oxytocin to prolong luteal function in the mare	Dirk K. Vanderwall

	New techniques in hormonal delivery	
How to...	use inhibin immunotherapy	
How to...	use Gonadotropin Releasing Hormone	
How to...	use Human Chorionic Gonadotropin	
How to...	use progestagens	
How to...	use estrogens	
How to...	interpret endocrine diagnostics in the problem mare	

Sub-section: Physiology and endocrinology

How to...	understand the interactions among common hormones during the breeding season and interpret reproductive endocrinological analysis in a mare	Alan Conley
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How hormones work

Sub-section: Pregnancy, parturition and the puerperal period

How to...	understand the endocrinology of pregnancy in the mare	Alan Conley
	Dynamic physical interplay between the equine conceptus and uterus: The embryo	O.J. Ginther

	Dynamic physical interplay between the equine conceptus and uterus: The fetus	O.J. Ginther
How to...	use aborted recipient mares for embryo transfer	Augustina Grippo, Javier Aguilar & Luis Losinno
How to...	diagnose pregnancy in the mare	Patrick M. McCue
How to...	manage foal heat and breeding in the mare	Patrick M. McCue
How to...	understand sexual determination and differentiation	Brittany Middlebrooks
How to...	examine the placenta and identify abnormalities	Karen Von Dollen
How to...	understand maternal recognition of pregnancy in the mare	Aleona Swegen
How to...	understand placental formation and development in the horse	Sandra Wilsher
How to...	understand inter and extra-specific equine pregnancies	
How to...	understand embryo morphology, growth and development	
How to...	induce and understand lactation	
How to...	understand and manage uterine involution	
How to...	understand early fetal development	
How to...	understand return to cyclicity, eCG levels, ovarian structures and fertility in mares after induced abortion around day 65	
How to...	induce parturition	
How to...	understand the stages of parturition	
How to...	understand the relevance of endocrinology during pregnancy	
How to...	understand embryo morphology, growth and development	
How to...	understand maternal recognition of pregnancy	
Sub-section: Problems of pregnancy		
How to...	manage fetal maceration and mummification	Claire Card
How to...	do a fetal post-mortem in the field	Joan Carrick
How to...	electively terminate pregnancy in the mare	Jennifer Clulow
How to...	Identify and treat equine metritis	Jennifer Clulow
How to...	diagnose and manage dystocia	James Crabtree

How to...	manage a uterine prolapse	John Dascanio
How to...	perform a fetotomy	John Dascanio
How to...	understand biomarkers for placentitis	Carleigh E. Fedorka
How to...	manage rectal prolapses in the broodmare	Russell Freeland
How to...	understand the origin and outcome of equine twin embryos	O.J. Ginther
How to...	diagnose and manage prepubic tendon and abdominal wall rupture	Sarah Jalim
How to...	use umbilical water-infusion to treat retained fetal membranes (RFM) in mares	Mark Meijer
How to...	diagnose and treat uterine torsion in the mare	Ahmed Tibary
How to...	understand the causative agent, pathophysiology and management of Kentucky Mare Reproductive Loss Syndrome (MRLS) and related syndromes	Tom Tobin
How to...	diagnose and manage placentitis in the mare	Matts Troedsson & Maria Schnobrich
How to...	diagnose and manage peri-parturient hemorrhage in the mare	Karen Wolfsdorf
How to...	diagnose and manage early embryonic death	
How to...	manage abortion diagnostics	
How to...	maintain pregnancy	
How to...	manage retained fetal membranes	
How to...	diagnose and manage post-partum vaginal and cervical lacerations	
How to...	manage post-partum metritis	
How to...	diagnose and manage Equine Fescue Toxicosis	
How to...	diagnose and manage referral dystocias	
How to...	diagnose and manage metritis-endotoxemia and laminitis syndrome	
How to...	perform a Caesarean section	
How to...	recognise abnormalities of pregnancy	
How to...	manage an abortion outbreak	
How to...	recognize and manage non-infectious conditions in the high risk pregnant mare	
How to...	recognise and manage mare reproductive loss syndrome (MRLS)	
How to...	diagnose and manage hydrops	

How to...	diagnose and manage uterine torsion	
How to...	diagnose and manage contagious equine metritis (CEM)	
How to...	diagnose and manage equine herpesvirus (EHV-1)	
How to...	diagnose and manage equine viral arteritis (EVA)	
How to...	manage post-foaling rectal prolapse	
Sub-section: Problems of the cervix		
How to...	manage failure of the cervix to dilate	Ahmed Tibary
	Abnormalities of development	
Sub-section: Problems of the mammary glands		
How to...	diagnose and treat mastitis in the mare	Patrick M. McCue
How to...	understand and manage inappropriate lactation in the non-pregnant mare	
How to...	understand and manage inappropriate lactation in the pregnant mare	
How to...	manage mammary cancer	
How to...	evaluate pre-foaling mammary secretions	
Sub-section: Specific diagnostic and management techniques		
How to...	preventative medicine for broodmare farms	
Sub-section: Techniques in reproductive examination		
How to...	perform a rectal palpation in the mare	Etta Agan Bradecamp
How to...	perform a vaginal examination in the mare	Maria E. Cadario
How to...	perform an hystereoscopic examination of the mare's reproductive tract	Claire Card
How to...	perform laparoscopy in the mare	Dean Hendrickson
How to...	collect uterine samples for microbial culture	Matty May
How to...	acquire and utilise a reproductive history in a mare	Patrick M. McCue
How to...	use chromogenic agar to identify bacterial pathogens in equine uterine samples	Patrick M. McCue

How to...	use bActivate to identify latent beta-Streptococcal infections	Morten Petersen & Anders Bojesen
How to...	test for and interpret cytogenetic abnormalities in a mare	Terje Raudsepp
How to...	collect and evaluate uterine cytology samples	Karen Wolfsdorf
How to...	collect and interpret low volume uterine lavage	Karen Wolfsdorf
How to...	perform a transvaginal ovarian biopsy	
How to...	perform rapid bacterial identification with PCR	
How to...	perform and evaluate an endometrial biopsy	
How to...	perform ultrasonography of the reproductive tract	
How to...	test oviductal patency	
Sub-section: The estrous cycle		
How to...	manage vernal transition into the breeding season- progesterone/progestagens	James Crabtree
	How the mare selects the ovulatory follicle	O.J. Ginther
How to...	recognize estrus and diestrus in the mare	Patrick M. McCue
How to...	advance the vernal transition and improve breeding efficiency using blue light	Barb Murphy
How to...	manage vernal transition using gonadotropin releasing hormone (GnRH) agonists	Karen Wolfsdorf
How to...	manage vernal transition into the breeding season- dopamine antagonists	
How to...	understand and recognise the onset of puberty	
How to...	recognise and manage the autumnal transition out of the breeding season	
How to...	understand anestrus	
How to...	recognise the abnormal estrus cycle	
How to...	manage vernal transition into the breeding season- photoperiod and other techniques	
How to...	manage acute and chronic bacterial endometritis (non-traditional therapies)	

Section: STALLION

Sub-section: Anatomy, physiology and endocrinology

	Title	Author(s)
How to....	recognise the importance of oxidative stress during sperm storage	Zamira Gibb
How to....	understand spermatozoal function	James K. Graham
How to....	study sperm-oviduct interactions that enable fertilization	Bart Leemans
How to....	understand descent of the testis and its failure	Jim Schumacher
How to...	see a sperm's eye view	
How to...	diagnose and manage abnormal spermatogenesis	
How to...	understand the relevance of physiology and endocrinology of the stallion	
How to...	determine and monitor puberty and the onset of sexual maturity	
How to...	evaluate sperm-uterine interactions	

Sub-section: Abnormalities of the stallion's reproductive tract

How to....	diagnose and treat abnormalities of the accessory sex glands in stallions	Malgorzata Pozor
How to....	treat horses for disease of the spermatic cord	Jim Schumacher
How to....	evaluate testicular abnormalities	Ahmed Tibary
How to...	diagnose and manage epididymal abnormalities	
How to...	diagnose and manage abnormalities of the penis and prepuce	
How to...	evaluate developmental abnormalities of the male reproductive tract	
How to...	diagnose and manage abnormalities of the ejaculate hemospermia / urospermia	

Sub-section: General interest

	Parentage testing in the horse	Rebecca Bellone
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Sub-section: Management

How to...	manage exercise and nutrition for the breeding stallion	Steve Jackson
How to...	transport stallions	Des P. Leadon
How to...	manage stallions in an artificial insemination (AI) program	Charles F. Scoggin

How to...	perform, monitor and reverse immune-castration in stallions
How to...	manage exercise and nutrition for the breeding stallion
How to...	manage venereal disease
How to...	understand causes and management in decline in sperm output and quality

Sub-section: Semen collection, evaluation and artificial insemination

	History of equine artificial insemination - over 100 years of practice and research	Jorg Aurich
How to...	evaluate spermatozoal morphology: sample preparation and cell anatomy	Leonardo Brito
How to...	evaluate spermatozoal morphology: abnormal morphology	Leonardo Brito
How to...	evaluate acrosome integrity and function in stallion sperm	Camilo Hernandez-Aviles
How to...	understand principles of cooling semen	James K. Graham
How to...	centrifuge semen (cooled)	Martin Köhne
		Beatriz Macías García,
How to...	improve semen quality by density layer centrifugation	Jose M. Ortiz Rodríguez & Pablo Fernandez Hernandez
How to...	understand reproductive parameters for male donkeys	Melina Pietrani & Luis Losinno
How to...	understand reproductive parameters of light horse stallions	Ed Squires
How to...	concentrate sperm with filters	
How to...	use extenders for cooled storage of stallion semen	
	Alternative methods of semen management for transport at room temperature	
How to...	evaluate sperm motility and concentration using computer assisted sperm analysis (CASA) / nucleocounter	
How to...	routine evaluation of semen	
How to...	handle the breeding stallion in an artificial insemination (AI) programme	
How to...	transport semen in the USA	
How to...	understand reproductive parameters from miniature stallions	
How to...	problem solve with a large scale cooled transported semen program	
	Semen collection techniques	
How to...	manage breeding with cooled transported semen	
How to...	understand factors affecting sperm production and output	
How to...	semen parameters in Draught Horse, Friesian and Warmblood stallions	

How to...	prepare a phantom mare	
Sub-section: Sexual behavior		
How to...	understand stereotypic behavior of stallions	Katherine Houpt
How to...	train a stallion to the phantom	
How to...	handle and manage breeding with a natural breeding stallion	
How to...	train the novice breeding stallion	
How to...	understand normal sexual behaviour	
How to...	pharmacologically manipulate ejaculation	
How to...	pharmacologically manipulate stallion behavior	
How to...	identify and manage specific erection and ejaculatory dysfunctions	
How to...	understand and treat abnormal sexual behaviour	
Sub-section: Specific techniques used in reproductive examination of the stallion		
How to...	perform Doppler ultrasonography of the stallion's external genitalia	Cristina Ortega-Ferrusola
How to...	perform ultrasound evaluation of the stallion reproductive tract	Malgorzata Pozor
How to...	evaluate sub-fertile stallions for cytogenetic abnormalities	Terje Raudsepp
How to...	perform endoscopy of the internal reproductive tract of the stallion	Ahmed Tibary
How to...	understand endocrine diagnostics	
How to...	understand the importance of historical information	
How to...	examine the external genitalia	
Sub-section: Specific techniques used in semen evaluation of the stallion		
How to...	flow cytometrically evaluate stallion semen quality	Fernando Pena
How to...	ultrasound the suspected cryptorchid stallion for the presence of testicular tissue	Ahmed Tibary
How to...	evaluate and understand sperm antibodies	
How to...	evaluate sperm plasma membrane integrity/viability	
How to...	interpret a sperm chromatin assay and other DNA integrity tests	
How to...	understand and evaluate acrosomal function	

Sub-section: Surgical procedures of the male reproductive tract

How to...	treat horses for penile and preputial disease	Jim Schumacher
How to...	castrate stallions and avoid complications	Jim Schumacher
How to...	remove a cryptorchid testis	Jim Schumacher
How to...	perform and interpret a testicular biopsy	
How to...	perform a normal castration / complications	
How to...	perform various surgeries of the penis and prepuce	
How to...	manage an inguinal hernia in the stallion	

Sub-section: Techniques in Reproductive Examination

Applied microscopy for theriogenologists	Stuart Meyers
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