

## Report of the Maintenance of Certification Committee

The MOC Committee submitted the following information for membership consideration and discussion at the General Business Meeting in July, 2020. This proposal passed by membership vote in August, 2020. The MOC language in the General Information Guide (GIG) was removed and this MOC program stands separate of the GIG. The MOC committee continues working on an MOC General Information Guideline that will be available at a future date. Thanks to the MOC Committee: Drs. Jessica Rush, chair; Hennis Maxwell; Lauren Pasch; Michela Ciccarelli; Chris Winslow; and Matt Dredge for their tremendous work in these efforts.

Diplomates of the American College of Theriogenologists awarded specialist status following examination in 2016 or later, are required to petition for Maintenance of Certification every 10 years. Maintenance of Certification (MOC) requirements and guidelines, and the procedure for petitioning for MOC, are described on the ACT website (Theriogenology.org). Each Diplomat is responsible for recording and documenting activities required for Maintenance of Certification.

Activities qualifying for fulfillment of the requirements of Maintenance of Certification are assigned a point value. Diplomates petitioning for recertification must document one hundred (100) points per 10-year period to maintain certification as specialist in the discipline. At least twenty (20) points of the 100 must come from participation in qualifying continuing education activities. Diplomates may obtain all one hundred (100) necessary credits from documented participation in qualifying continuing education activities.

A spreadsheet is provided in the appendix of the Maintenance of Certification Guidelines, posted on the ACT web site (Theriogenology.org). Applicable credits for recertification must be entered into this spread sheet and submitted as part of the packet requesting Maintenance of Certification. Entering qualifying items into the spread allows each diplomate track his or her progress towards recertification, and will provide a convenient check list for review by the committee assigned to evaluate applications for MOC.

If a Diplomat has more entries per category (e.g. attendance at several conferences, multiple publications, etc.) than provided for in the standard spreadsheet, supplemental spreadsheet pages will be provided. Individual entries in the category can be listed and tallied in the supplemental sheets and be tallied and entered as a summary on the main spreadsheet. For example: multiple journal publications can be listed as “*Therio* 2020, 2022; *Anim Reprod Sci* 2019,” etc. under the “journal/book/website” heading with the sum total of credits from all publications combined, with the full citations listed in the appendix.

Candidates are not required to submit proof of attendance at conferences or publications at the time of submission of the MOC application, but candidates are required maintain proof of completion of all qualifying activities listed in the spreadsheet on the template provided in the appendix to the MOC Guidelines. This template must be provided upon request of the Maintenance of Certification Committee or the Executive Board of the ACT.

All MOC applications submitted by the deadline posted on the ACT website (Theriogenology.org) will be reviewed for compliance with the requirements listed in the MOC Guidelines. Each year, at least one individual application will be selected for in depth audit as described in the Maintenance of Certification Guidelines. Proof of completion (attendance, publication, approved service, etc.) may be requested as part of the approval or auditing processes. Following review and auditing, the Maintenance of Certification Committee will submit recommendations to the ACT Executive Board for action.

Candidates for Maintenance of Certification must successfully accumulate 100 points within each ten-year cycle, and excess points will not “roll over” into subsequent cycles. Diplomates may choose to submit a packet as much as 2 years prior to the renewal date. Each Diplomat’s renewal deadline is fixed, and the anniversary date will not be affected by either early or delayed recertification.

Questions about the Maintenance of Certification process should be directed to the ACT office or to members of the executive board.

Please see attached appendix for the required spreadsheet, templates, and a brief outline of point allotment. For more in-depth information please see the MOC Guidelines provided on the ACT website (Theriogenology.org).

**A.1.a. Continued education (CE) credits in Theriogenology [minimum: 20 credits]**

A.1.a.1 Attendance at theriogenology focused lectures at NATIONAL or INTERNATIONAL continuing education conferences [**value: 1 credit per 2 instructional hours attended**]

A.1.a.2 Attendance at theriogenology focused lectures at STATE or REGIONAL continuing education meetings [**value: 1 credit per 3 instructional hours attended**]

A.1.a.3 Attendance at theriogenology focused lectures at LOCAL continuing education meetings [**value: 1 credit per 6 instructional hours attended**]

A.1.a.4 Eligible CE hours include didactic education via presentations at theriogenology meetings (e.g. SFT, ISER) and theriogenology-specific presentations at general veterinary or animal science meetings (e.g. AAEP), as well as laboratory based education which addresses theriogenology-specific topics.

**A.1.b Scholarly efforts: publications, manuscripts review and patents appearing in a peer-reviewed indexed journal (CAB, PUBMED, etc)**

A.1.b.1 Peer-reviewed Theriogenology publication (case report, or review article) in which the Diplomate is the first author or co-author. [**value: 20 credits per publication – based on percentage of work – example: if an author provides 50% of the work to the publication then 10 credits would be the allotment (20 x 50% = 10)**]

A.1.b.2 Peer-reviewed Theriogenology publication (original research) in which the Diplomate is the first author or co-author. [**value: 80 credits per publication – based on percentage of work – example: if an author provides 50% of the work to the publication then 40 credits would be the allotment (80 x 50% = 40)**]

A.1.b.3 Book authorship of a work regarded as the most recent literature on the topic in which the Diplomate is the author or one of the authors [**value: 80 credits**]

A.1.b.4 Book editorship of a work regarded as the most recent literature on the topic in which the Diplomate is the editor or one of the editors [**value: 80 credits**]

A.1.b.5 Book chapter authorship regarded as an in depth most recent literature or review on the topic [**value: 20 credits for referenced chapters; 10 credits for chapters without references (i.e. 5 minute consult, Merck Manual etc.)**]

A.1.b.6 Authorship of theriogenology related conference proceedings in which the Diplomate is the first author, mentoring author or in any other position than the first or mentoring author [**value: 10 credit**]

A.1.b.7 Abstracts in which the Diplomate is the first author, mentoring author or in any other position than the first or mentoring author [**value: 5 credits for first author and 3 credits for all other authors**]

A.1.b.8 Web and electronic resources, webinars in which the Diplomate is the leader [**value: 2 credits/hour presented**]

A.1.b.9 Web and electronic resources in which the Diplomate is a contributor [**value: 1 credits/hour presented**]

A.1.b.10 Manuscript review in which the Diplomate serves as peer reviewer for any peer-reviewed indexed journal [**value: 5 credits for each manuscript reviewed**]

A.1.b.11 Grant review for applications pertaining to theriogenology [**value: 20 credits for each grant reviewed**]

A.1.b.12 Section editors at CE conferences for lectures related to theriogenology [**value: 5 credits per meeting**]

A.1.b.13 Extramurally or internally funded grants related to theriogenology in which the Diplomate is the Primary Investigator (PI) or Co-PI [**value: 15 credits for each funded grant**]

A.1.b.14 Patents related to theriogenology in which the Diplomate is the inventor or co-inventor of a disclosed technology or issued patent [**value: 15 credits for each patent**]

A.1.b.15 Patents related to theriogenology in which the Diplomate is the inventor or co-inventor of a licensed patent [**value: 20 credits for each patent**]

#### **A.1.c. ACT Committee work and service to the college**

A.1.c.1 Examination Committee member service [**value: 15 credits for each year served/30 credits for year of chair**]

A.1.c.2 Scientific Information/Abstract Committee member service [**value: 10 credits for each year served/20 credits for year of chair**]

A.1.c.3 Membership of other **active** ACT committees (also to include to include the board) [**value: 1 credit for each year served, 2 credits for years serving as committee chair**] (note: committee must meet at least once during the calendar year for which service is claimed in order to be considered active)

A.1.c.4 Exam questions accepted by the exam committee [**value: 2 credits per multiple choice question, 2 credits per practical portion question, 5 points per essay question**]

#### **A.1.d Mentorship**

A.1.d.1 A maximum of 25 credits per year.

A.1.d.2 Resident mentors [**value: 2 credits for each high involvement month\* spent training residents registered in an ACT-approved residency program**]

A.1.d.3 Diplomates serving as mentors for candidates preparing through the Alternate Route to take the ACT board examination [**value: 2 credit for each high involvement month\* spent advising candidates registered in an ACT-approved study program**]

A.1.d.4 Diplomates providing direct supervision of Alternate Route candidates [**value: 3 credits for the 6-week period candidate spends in clinical training with a diplomate**]

A.1.d.5 Diplomates serving on graduate committees for students with a theriogenology-related non-thesis, thesis, or dissertation [**value: 4 credits for the final year of a student's defense if the Diplomate has demonstrated high involvement on the committee. If the graduate student is also a resident at the time they are working on their graduate work, the mentor may not receive points for both mentoring a resident and serving on the graduate committee for the candidate.**]

A.1.d.6 Clinical training of veterinary students in the field of theriogenology in university or private practice settings [**value: 1 credit per week**]

A.1.d.7 Training undergraduate students in reproductive physiology or reproductive related techniques in a university [**value: 1 per semester hour equivalent – based on percentage of course taught by diplomate**]

A.1.d.8 Training undergraduate students in reproductive physiology or reproductive related techniques in a private practice settings [**value: 0.5 credit per month**]

A.1.d.9 Mentorship for students who prepare and present a poster, abstract, or paper at national or international conferences [**value: 1 credit per presentation; 1 credit maximum per presentation regardless of the number of times it is presented**]

A.1.d.10 Mentorship for house officer presentation i.e. abstract presentations, continued education meetings, platform presentations, etc. [**value: 2 credit per presentation; 2 credit maximum per presentation regardless of the number of times it is presented**]

A.1.d.11 Presentations to student Society for Theriogenology chapters or similar student organizations (e.g. SCAVMA, Student AABP chapter, Student AAEP chapter, etc) [**value: 1 credit per presentation**]

\*high involvement month is defined as one in which the mentor spent the equivalent of two or more full work weeks working closely with and in direct supervision of a resident.

#### **A.1.e. Clinical Case Work [maximum: 25 credits]**

A.1.e.1. A case is defined as following an individual complaint or presentation in an individual animal or herd from initial presentation until resolution. One breeding examination, for example, does not constitute a case. Theriogenology cases recorded using the appropriate case submission form (discharge paperwork, breeding soundness form, case summary, medical log, etc.). Diplomate will not be asked to provide documentation for packet submission but may be required as part of the auditing process. [**value: 1 credit per case**]

#### **A.1.f Theriogenology Presentations**

A.1.f.1 Key presentation at a national/international meeting [**value: 8 credits per 30 minutes; only counted once regardless of the number of times it is presented**]

A.1.f.2 Short communication/poster presentation at a national/international meeting [**value: 2 credits; only counted once regardless of the number of times it is presented**]

A.1.f.3 Key presentation at a regional/state/local meeting [**value: 4 credits per 1 hour; only counted once regardless of the number of times it is presented**]

A.1.f.4 Short communication/poster presentation at a regional/state/local meeting [**value: 1 credits; only counted once regardless of the number of times it is presented**]

A.1.f.5 Course coordinator at a continued education conference [**value: 5 credits per day of the course**]

#### **A.1.g Examination**

A.1.g.1 Diplomates taking the examination and receive a passing grade will be recertified [**value: 100 credits**]

#### **A.1.h Other areas not covered**

A.1.h.1 Work in any area not covered in this document may be submitted to the MOC to review and appropriate credit allotment will be decided by the MOC

Category	total credit possible	Criteria	credits obtained by diplomate	Comments
<b>H.2. a. Continued education (CE) credits in Theriogenology</b>				
	20 required		Meeting attended	
Attendance at theriogenology focused lectures at NATIONAL or INTERNATIONAL continuing education	1 credit	per 2 instructional hours attended		
Attendance at theriogenology focused lectures at STATE or REGIONAL continuing education	1 credit	per 3 instructional hours attended		
Attendance at theriogenology focused lectures at LOCAL continuing education meetings	1 credit	per 6 instructional hours attended		
<b>H.2. b. Scholarly efforts: publications, manuscripts review and patents appearing in a peer-reviewed journal</b>				
Peer-reviewed Theriogenology publication (case report, or review article) in which the Diplomate is the first author or co-author	20 credits maximum	- based on percentage of work - example: if an author provides 30% of the work to the publication then 6 credits would be the allotment (20 x 30% = 6)		Journal/Book/Website
Peer-reviewed Theriogenology publication (original research) in which the Diplomate is the first author or co-author	80 credits maximum	- based on percentage of work - example: if an author provides 30% of the work to the publication then 24 credits would be the allotment (80 x 30% = 24)		
Book authorship of a work regarded as the most recent literature on the topic in which the Diplomate is the author or one of the authors	80 credits			
Book editorship of a work regarded as the most recent literature on the topic in which the Diplomate is the editor or one of the editors	80 credits			
Book chapter authorship regarded as an in depth most recent literature or review on the topic	20 credits	for referenced chapters;		
	10 credits	for chapters without references		
Authorship of theriogenology related conference proceedings in which the Diplomate is the first author, mentoring author or in any other position than the first or mentoring author	10 credits			
Abstracts in which the Diplomate is the first author, mentoring author or in any other position than the first or mentoring author	5 credits	for first author		
	3 credits	for all other authors		
Web and electronic resources, webinars in which the Diplomate is the leader	2 credits	/hour presented		
Web and electronic resources in which the Diplomate is a contributor	1 credit	/hour presented		
Manuscript review in which the Diplomate serves as peer reviewer for any peer-reviewed indexed journal	5 credits	for each manuscript reviewed		
Grant review for applications pertaining to theriogenology	20 credits	for each grant reviewed		
Section editors at CE conferences for lectures related to theriogenology	5 credits	per meeting		
Extramurally or internally funded grants related to theriogenology in which the Diplomate is the Primary Investigator (PI) or Co-PI	15 credits	for each funded grant		
Patents related to theriogenology in which the Diplomate is the inventor or co-inventor of a disclosed technology or issued patent	15 credits	for each patent		
Patents related to theriogenology in which the Diplomate is the inventor or co-inventor of a licensed patent	20 credits	for each patent		
<b>H.2.c. ACT Committee work and service to the college</b>				
Examination Committee member service	15 credits	for each year served		
Academic Information/Abstract Committee member service	30 credits	for year of chair		
	10 credits	for each year served		
	20 credits	for year of chair		
Membership of other active ACT committees	1 credit	for each year served		
	2 credits	for years serving as committee chair		
Exam questions accepted by the exam committee	2 credits	per multiple choice question		
	2 credits	per practical portion question		
	5 points	per essay question		
<b>H.2.d. Mentorship</b>				
	25 credits/year		Name of mentee	
Resident mentors	2 credit	for each high involvement month* spent advising candidates registered in an ACT-approved study program		
Diplomates serving as mentors for candidates preparing through the Alternate Route to take the ACT board examination	2 credit	for each high involvement month* spent advising candidates registered in an ACT-approved study program		
Diplomates providing direct supervision of Alternate Route candidates	3 credits	for the 6-week period candidate spends in clinical training with a diplomate		
Diplomates serving on graduate committees for students with a theriogenology-related non-thesis, thesis, or dissertation	4 credits	for the final year of a student's defense if the Diplomate has demonstrated high involvement on the committee		
Clinical training of veterinary student externs in the field of theriogenology in university or private	1 credit	per week		
Training undergraduate students in reproductive physiology or reproductive related techniques in a university	1 credit	per semester hour equivalent - based on percentage of course taught by diplomate		
Training undergraduate students in reproductive physiology or reproductive related techniques in a private practice settings	0.5 credit	per month		
Mentorship for students who prepare and present a poster, abstract, or paper at national or international conferences	1 credit	per presentation		
	1 credit maximum	maximum per presentation regardless of the number of times it is presented		
Mentorship for house officer presentation i.e. abstract presentations, continued education meetings, platform presentations, etc.	2 credit	per presentation;		
	2 credit maximum	per presentation regardless of the number of times it is presented		
Presentations to student Society for Theriogenology chapters or similar student organizations	1 credit	per presentation		
<b>Clinical Case Work</b>				
Cases	25 credits maximum			
<b>Theriogenology Presentations</b>				
			Meeting presented/ Presentation title	
Key presentation at a national/international meeting	8 credits	per 30 minutes; only counted once regardless of the number of times it is presented		
Short communication/poster presentation at a national/international meeting	2 credits	only counted once regardless of the number of times it is presented		
Key presentation at a regional/state/local meeting	4 credits	per 1 hour; only counted once regardless of the number of times it is presented		
Short communication/poster presentation at a regional/state/local meeting	1 credits	only counted once regardless of the number of times it is presented		
Course coordinator at a continued education conference	5 credits	per day of the course		
<b>Examination</b>				
Passing ACT examination	100 credits			
<b>Other theriogenology related areas</b>				