

The VTNE - So What's on it Anyway?

AVTE 2020 Virtual Conference
Saturday, October 17





Irene Moore, DVM, MSc, BSc(Agr) – AAVSB VTNE Committee Chair

Nancy Grittman, MBA, BA(Ed) – AAVSB Director of Program Services



Goals for Today



- Understand AAVSB programs and services
- Understand how questions for the VTNE exam are developed and assessed
- Understand VTNE pass rates relating to a high stakes credentialing examination

AAVSB Key Programs & Services



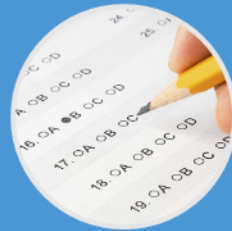
MEMBER BOARD SERVICES

Assisting the AAVSB Member Boards in efficient and effective operations



CONTINUING EDUCATION SERVICES

Ensuring quality CE and accurate reporting for licensure renewal



EXAM SERVICES

Providing exam services including a database of exam scores for current and prospective licensees



LICENSURE ASSISTANCE

Score Transfers, credential transfers, international pathways and jurisprudence assessments



STUDENT SERVICES

Educating students on the licensure process and providing assistance throughout their career

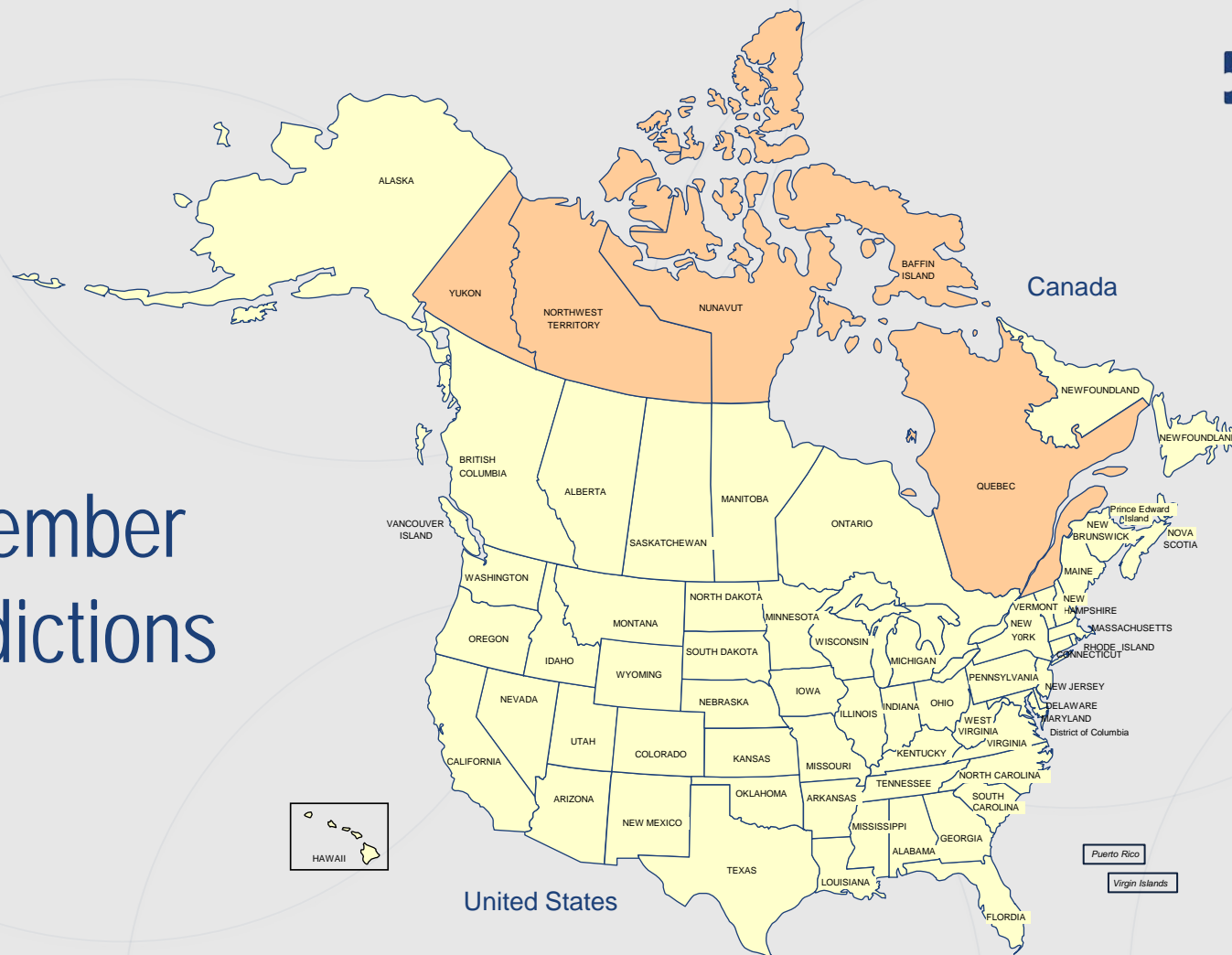


PUBLIC RESOURCES

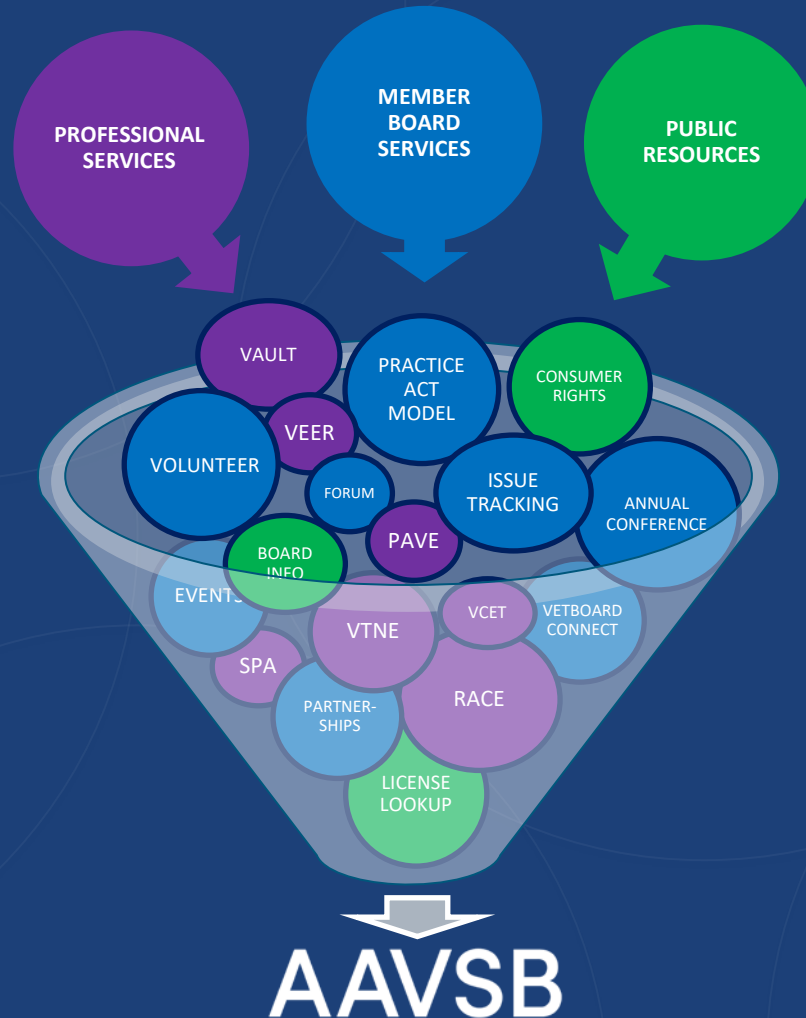
Looking up a license or Board information as well as understanding their rights as a consumer

For the Life of Your License

62 Member Jurisdictions



Supporting
and advancing
the regulatory
process for
veterinary
medicine.



AAVSB Board of Directors



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AAVSB Strategy Map

AAVSB Strategy Map

Created January 2020



Vision	Mission	Values	Goals	Objectives
The AAVSB is the primary source for comprehensive information that strategically strengthens the veterinary regulatory community.	To support and advance the regulatory process for veterinary medicine.	Protection of the public	Outreach The AAVSB is known by strategic audiences and consumers as the leader in the veterinary regulatory process.	<ul style="list-style-type: none"> • Increase the Member Boards' understanding of the Association • Expand relationships with allied groups • Educate and communicate with domestic and international veterinary and veterinary technology students • Educate the public about the role of regulation in protecting the consumer and their animals
		Reliability & accuracy	Member Board & Veterinary Community Support The AAVSB is the repository and resource for information, knowledge, and processes for veterinary regulatory issues for the benefit of the Member Boards and the veterinary community.	<ul style="list-style-type: none"> • Increase the efficiency of Member Boards processes • Increase the comprehensiveness of the VIVA database • Collect and share relevant information on laws affecting the veterinary community
		Ethics & integrity		
		Service excellence	Policy Leadership The AAVSB is the leader in providing direction and resources related to legislative and regulatory matters.	<ul style="list-style-type: none"> • Enhance Member Boards' understanding of emerging regulatory issues affecting veterinary medicine • Explore a plan for veterinarian delegation and remote supervision of practice to address areas in need of veterinary services • Create model language related to ownership of veterinary practices by various entities
		Active participation & collaboration		
		Stewardship of resources		

Centralized Licensure Database (VIVA)



- License updates
- Disciplinary actions
- Credential information
- Original source documents
- Exam reports: Everyone that has taken veterinary exams
- Profile information
- Education history and transcripts
- Employment history
- Documents & information provided by licensee



VAULT Veterinary Application for Uniform Licensure Transfer

**Fed by the centralized
database in support of
Member Board licensure
review**

What does VAULT include?

VAULT First-Time License Transfers

For veterinarians & veterinary technicians

Includes:
National exam score

VAULT Basic Transfers

For veterinarians & veterinary technicians

Includes:
National exam score
Online license check

VAULT Premium Transfers

For veterinarians

Includes:
National exam score
License verification
Education transcripts
PAVE/ECFVG Certificate

License and Discipline Upload

Submitted by Member Boards

Includes:
License info & status
Discipline info

ACTION TAKEN BY LICENSEE TO START PROCESS

RACEtrack

POWERED BY CE BROKER | A SERVICE OF THE AAVSB

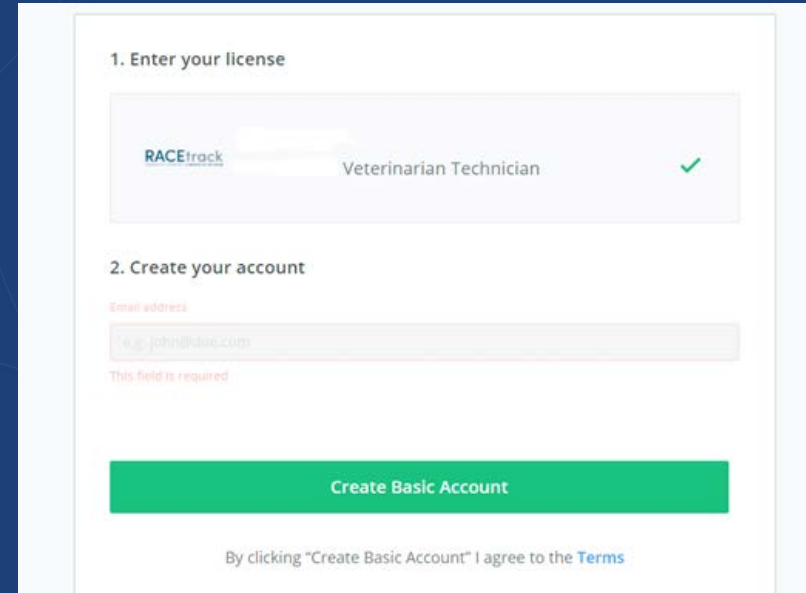
**Where licensees
find and track
their continuing
education**



Online tracking of CE

Say goodbye to searching shoeboxes and drawers for your continuing education certificates .

RACetrack allows licensees a secure platform, accessible by the AAVSB member boards



The screenshot shows a two-step registration process. Step 1, 'Enter your license', features a search bar with 'RACetrack' and 'Veterinarian Technician' entered, accompanied by a green checkmark. Step 2, 'Create your account', includes an 'Email address' field with the placeholder 'e.g. john@doe.com' and a red error message 'This field is required'. A green 'Create Basic Account' button is positioned below the email field. At the bottom, a line of text states: 'By clicking "Create Basic Account" I agree to the [Terms](#)'.

Licensure Assistance



- For international graduates of non-accredited programs
- 54 Member Boards recognize PAVE as well as Australia, New Zealand, Quebec, and several Canadian territories



- Administration of jurisprudence examinations
- Fees paid by candidate based on how exam is administered

Exam Services



- 8,120 exams taken in 2019
- 45 Member Boards regulate veterinary technicians



The VTNE Committee



Irene Moore, DVM, MSc, BSc(Agr) (AAVSB) – VTNE Committee Chair

Vito DelVento, DVM – AAVSB Board of Directors Liaison

Jennifer Asher, DVM, Dipl ALAM, MLAS (CVTEA)

Mary Berg, BS, RVT, RLATG, VTS (Dentistry) (NAVTA)

Ron Carsten, DVM, PhD (AAVSB)

Guyanne Harris, LVT (AAVSB)

Olivia Holt Williams, RVT, AS (NAVTA)

Sharon Johnston, RVT, VTS (Anesthesia) (CVTEA)

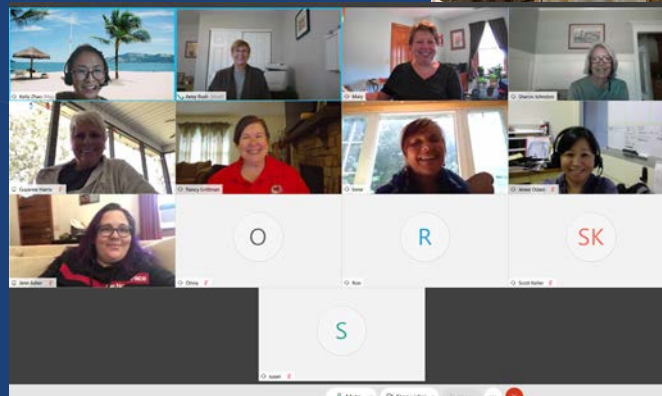
Scott Keller, DVM (AVTE)

Amanda Maknyik, BA, RVT, MEd, OCT (RVTTC)

Jenee Odani, DVM, Dipl ACVP (AAVSB)

Roxanne Olson, CVT (AVTE)

Susan Thiessen, RVT (RVTTC)





The Genesis of the VTNE

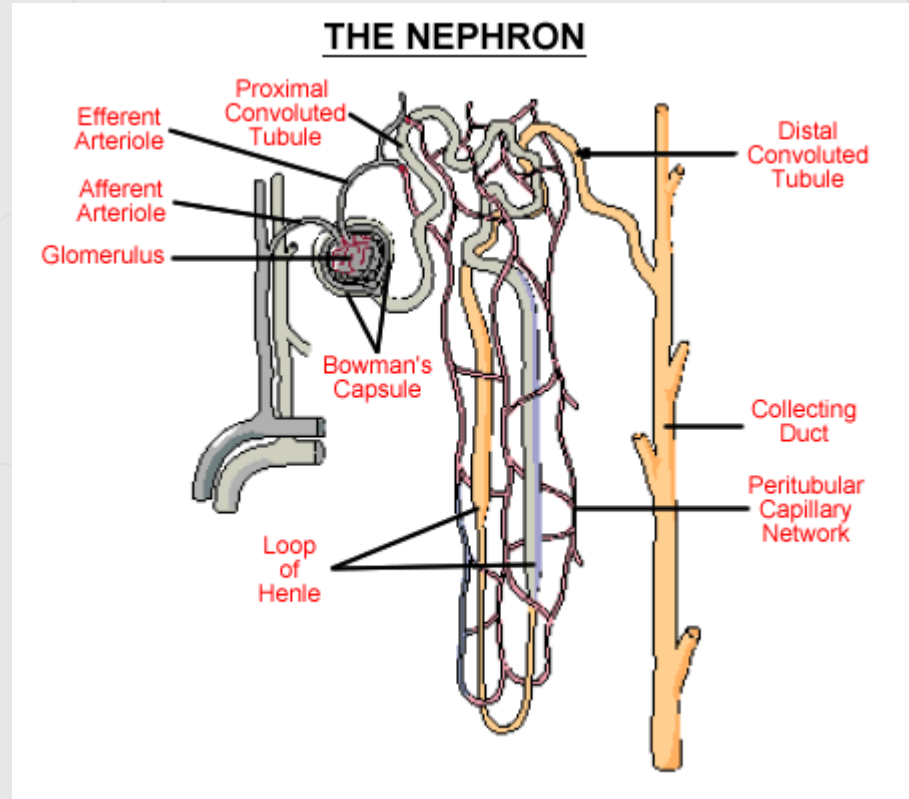
Item Writing and Review

- must be relevant
- must be “allowed” material
- must be at an appropriate cognitive level



Item Writing and Review

- Relevant not trivial...
- For instance, does the entry level technician need to know the difference in nephron numbers between cats and dogs?



Item Writing and Review

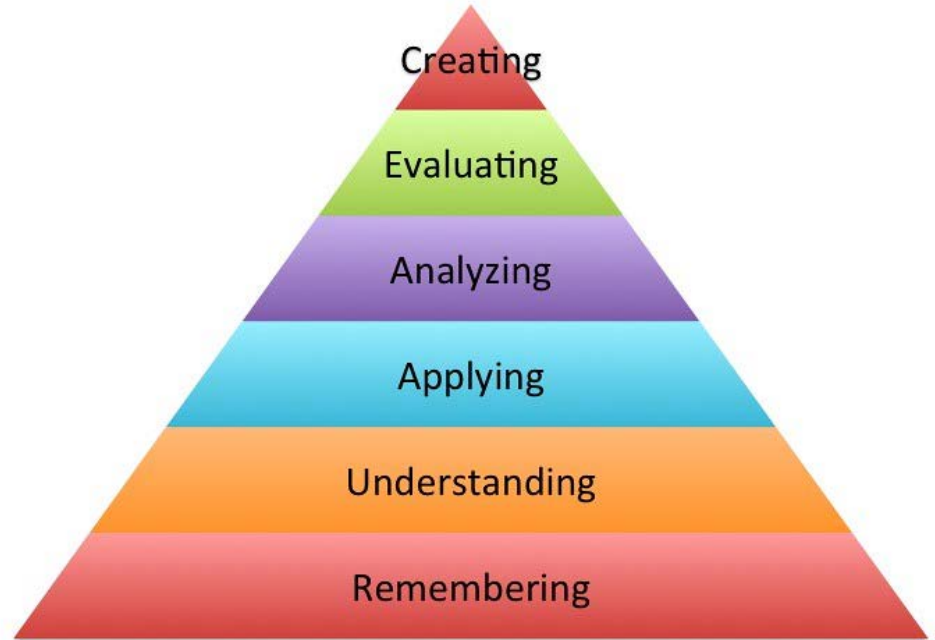
-must be “allowed” material



Item Writing and Review

- appropriate cognition level

The New Version of Bloom's Taxonomy



Item Writing and Review

Cognitive Levels

Level 1 – What is the anatomic name for the upper jaw?

Level 2 - The veterinarian prescribes Clindamycin at 5.5 mg/kg BID for five days prior to a patient's dental cleaning. The patient weighs 13.6 kgs. How many 25 mg tablets will need to be dispensed?

Level 3 - A vial containing 1 gram of medication has to be reconstituted to a 2.5% solution (w/v). What volume of diluents is needed and what concentration will result?

Item Writing and Review

- Stem – Clear and concise
- Distractors - correct answer and 3 PLAUSIBLE distractors

Multiple Choice Question

Stem

1. To ensure the quality of multiple-choice questions

Distractors

- a. make some of the options and distractors negative.
- b. include qualifiers and absolutes.
- c. make all options and distractors similar in length.**
- d. include several correct answer options.

Correct
Answer



Item Writing and Review

References, References, References



Item Writing and Review

Rubric

Domain

60 Diagnostic Imaging

Task

TASK 6A Utilize knowledge of anatomy, physiology and pathophysiology as it applies to diagnostic images.

Knowledge statement

41 Quality assurance and safety for diagnostic imaging

Species (secondary rubric for exam development)

02 Small Animal; 01 Dog



Exam Construction & Final Review

Rigorous review by VTNE Committee and Committee Chair

Item	Accession no.	choice	percent	r pb	mean
147	RXY1724	1	62.1	-0.062	189.42
		2	36.6	0.034	190.70
		3	0.7	0.097	206.00
		4*	0.7	0.072	202.00
		X	0.0	-0.000	0.00
		4*	0.7	rc= 0.071	202.00

Item	Accession no.	choice	percent	r pb	mean
109	RXY1725	1	12.9	-0.235 **	160.40
		2 *	69.1	0.367 **	174.53
		3	11.2	-0.223 **	160.11
		4	6.9	-0.081 *	165.54
		X	0.0	-0.000	0.00
		2 *	69.1	rc= 0.366 **	174.53



Now It's Your Turn...

Which of the following acts as a barrier to ultrasound waves?

- A. Bone
- B. Eye
- C. Heart
- D. Kidney

Now It's Your Turn...

- $p=0.99$
- $R_{pb}=0.13$
- 98.6% of the candidates picked the correct answer (A)
- The ones that didn't, did poorly on the exam overall

Now It's Your Turn...

The most *specific* treatment for ethylene glycol toxicity is:

- A. 4-Methylpyrazole.
- B. ethanol.
- C. N-acetylcysteine.
- D. atropine.

Now It's Your Turn...

- $p=0.29$
- $R_{pb}=-0.01$
- Only 28.5% of the candidates picked the correct answer (A)
- The ones that didn't, did better on the rest of the exam than those that got the correct answer!! !

Now It's Your Turn...

During canine surgery, patient expired capnograph readings should remain between:

- A. 15 – 25 mm Hg.
- B. 35 – 45 mm Hg.
- C. 50 – 70 mm Hg.
- D. 80 – 100 mm Hg.

Now It's Your Turn...

- $p=0.68$
- $Rpb=0.31$
- Each of the options had some candidates selecting them
- The strongest candidates got the correct answer (B)

We want the Goldilocks questions...

Just right!



Member Board Jurisdictions and Veterinary Technology Programs

[illegible]

Questions?

