2011 Spring
Continuing Education Conference

Wednesday, May 18, 2011
Official Publication

Massachusetts Veterinary Medical Association

163 Lakeside Avenue • Marlborough, MA 01752
508-460-9333 • 508-460-9969 (fax)
staff@massvet.org

Affiliate of the American Veterinary Medical Association

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Susan G. Curtis  Executive Director
Marilyn R. Macleod  Assistant Executive Director
Christina Porcelli  Association Administrator
### AGENDA

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m.</td>
<td>Registration Opens</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Early Session: Estate Planning with Pets (Regency Ballrooms 2 &amp; 3)</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>Small Animal Medicine - Morning Programs</td>
</tr>
<tr>
<td></td>
<td><strong>Track 1 (Regency Ballrooms 2 &amp; 3)</strong></td>
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<td><strong>Track 2 (Concord)</strong></td>
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<tr>
<td></td>
<td><strong>Emergency &amp; Critical Care</strong></td>
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<tr>
<td></td>
<td>Bernie Hansen, DVM, ACVIM, ACVECC</td>
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<tr>
<td></td>
<td><strong>Physical Rehabilitation</strong></td>
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<td>Marjorie McMillan, DVM, DACVR, CCRP</td>
</tr>
<tr>
<td>10:15 a.m.</td>
<td>Exhibitors’ Showcase &amp; Refreshment Break (Regency Ballroom &amp; Foyer)</td>
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<tr>
<td></td>
<td><em>Please refer to the list of exhibitors on page 17.</em></td>
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<tr>
<td>10:45 a.m.</td>
<td>Small Animal Medicine Programs Continue</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Luncheon for all attendees (Westford)</td>
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<tr>
<td>12:45 p.m.</td>
<td>MVMA 2011 Annual Meeting</td>
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<tr>
<td>1:15 p.m.</td>
<td>Small Animal Medicine - Afternoon Programs</td>
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<td><strong>Track 1</strong></td>
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<td><strong>Track 2</strong></td>
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<tr>
<td></td>
<td><strong>Emergency &amp; Critical Care</strong></td>
</tr>
<tr>
<td></td>
<td>Bernie Hansen, DVM, ACVIM, ACVECC</td>
</tr>
<tr>
<td></td>
<td><strong>Nutrition</strong></td>
</tr>
<tr>
<td></td>
<td>Cailin Heinze, VMD, DACVN</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Exhibitors’ Showcase &amp; Refreshment Break</td>
</tr>
<tr>
<td></td>
<td><em>Please refer to the list of exhibitors on page 17.</em></td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Small Animal Medicine Programs Continue</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Programs Conclude</td>
</tr>
</tbody>
</table>
Early Morning Session
8:00 am

Mary Kay Elloian, Esquire
Chief Counsel
Law Offices of Mary Kay Elloian

Estate Planning With Pets

Estate Planning with Pets - How the new pet trust law will affect veterinary care and allow medical providers to be named caregivers.

Veterinarians will learn how the new pet trust statute may affect their practice by enabling them to be named service providers to their clients’ pets once a pet owner is incapacitated, unavailable or passes away. Pet owners can be assured continuity of care for their pets, while veterinarians can also be named to regularly provide medical evaluation and receive payment for services by the named trustee.
9:00 am - 12:00 pm, 1:30—5:00 pm

Bernie Hansen, D.V.M., D.A.C.V.I.M., D.A.C.V.E.C.C., Ph.D.

Emergency and Critical Care

- Hour 1: Auscultation and Normal Breathing.
  In this lecture I will use audio files and graphical audio analysis software to demonstrate how your stethoscope works and the physiology that produces normal and abnormal lung sounds. I’ll then use computer-enhanced video to discuss the basis of how normal dogs breathe to serve as a basis for the following presentation.

- Hours 2-3: Respiratory Disease and Emergencies.
  This lecture will demonstrate the importance of physical diagnosis of the respiratory system and offers participants a basis for localization and diagnosis of the many causes of respiratory disease. Stabilization of patients with respiratory emergencies will be demonstrated with video.

- Hour 4: Fluid Therapy.
  This hour will demonstrate the physiological basis of intravenous fluid therapy, ways to optimize fluid therapy for the critically ill, and the most common fluid therapy mistakes made in primary care.

- Hour 5: Fluid Therapy continued: Diabetic ketoacidosis and renal failure.
  This lecture will apply the material covered in the previous hour to these two challenging medical conditions. Participants will learn why the goal of managing diabetic ketoacidosis is not resolution of hyperglycemia, and why high-sodium fluids like lactated Ringer’s cause unexpected problems in animals with renal failure.

- Hour 6: Septic Shock
  In this hour I will cover the basis of treatment of septic shock and we’ll go through the protocol used at NCSU for patient management.

Bernie Hansen

Dr. Hansen received his D.V.M. from Purdue in 1980, then did an internship at the University of Illinois before entering private practice in South Bend, IL until 1985. In 1985, he started a residency in internal medicine at The Ohio State University and then earned a Master’s degree in 1990. He is board-certified in Internal Medicine and Emergency and Critical Care. He is an Associate Professor in the Department of Clinical Sciences at the North Carolina State University, College of Veterinary Medicine, and serves as Director of the Companion Animal Intensive Care Unit. His primary clinical and research interests include critical care and recognition and treatment of pain. Dr. Hansen rides his bicycle 5,000-7,000 miles every year, and enjoys some racing and recreational road riding in the Blue Ridge Mountains. He also builds telescopes and monitors the climate changes on Mars. He is married and has a gymnast/equestrian daughter.
9:00 am - 12:00 pm


Aquatic Therapy: State of the Art Rehabilitation for Musculoskeletal & Neurological Disorders

The role of physical therapy and the use of aquatic rehabilitation for the management of pain and return to normal function after orthopedic surgery, neurosurgery and traumatic injury to bones, muscles and nerves is well-established in equine and human medicine. Only recently have the benefits of physical rehabilitation and hydro-therapy been explored in small animal veterinary medicine. Restricting activity and movement leads to atrophy, disuse osteoporosis and loss of range of motion. Physical therapy should begin as soon as possible after surgery or injury.

Marjorie McMillan

A 1974 graduate of The Ohio State University, Dr. McMillan is a board certified veterinary radiologist. Because of the animals that came to her for radiographic procedures ranging from hip dysplasia, disc disease to degenerative myelopathy, Dr. McMillan developed an interest in providing better ways of treating and improving the quality of life for these pets. Over the past decade she has been involved in rehabilitative medicine and the development of a state-of-the-art physical rehabilitative center, the first of its kind in this area. Dr. McMillan is a Certified Canine Rehabilitation Practitioner and provides care for dogs, cats, birds and rabbits with conditions such as OA, DM, cancer, post-trauma and post-op and for animals with chronic conditions deemed untreatable by convention methods.

Special interests include integrative medicine, geriatric care, interventional radiology and non-invasive diagnostic techniques. Dr. McMillan has developed avian radiographic techniques and interpretation and has spent twenty-five years as an avian veterinarian.
1:15 - 5:00 pm

Cailin Heinze, D.V.M., D.A.C.V.N.

Nutrition
Pet Food 101: Reading a Pet Food Label

Pet food labels and marketing can be confusing and do not always provide useful nutrition information. This lecture will familiarize attendees with how pet food is regulated, the legal requirements for pet food labels, AAFCO statements, interpretation of nutrition data on labels, and definitions of commonly used terms. Guidelines for differentiating between the huge numbers of available diets and advising clients on diet selection will also be covered.

Pet Food-Associated Illness

Many pet owners are very concerned about the safety of commercial pet foods. Pet food-associated illness will be discussed with an emphasis on three compounds responsible for most of the major recalls – aflatoxin, melamine, and vitamin D. Bacterial contamination of pet food will also be discussed. Attendees will become familiar with how to recognize and handle suspected cases as well as enhance their ability to discuss the safety of commercial pet food with clients.

Managing Obesity

Obesity is fast becoming the most prevalent health problem in our pets. Attempts at weight loss are often frustrating for clients and veterinarians alike. Strategies for prevention and management of obesity in dogs and cats will be discussed with emphasis on diet selection, estimating energy requirements and tips for increasing client compliance with weight loss plans.

Cailin Heinze

Dr. Cailin Heinze holds a Bachelor's degree in Biological Sciences from Goucher College, in Towson, MD. She is a 2004 graduate of the University of Pennsylvania School of Veterinary Medicine. After veterinary school, she worked in private practice for three years on the east coast before moving to California to pursue a residency in clinical nutrition at UC Davis in 2007. Dr. Heinze completed her residency in July 2009 and earned a master's degree in Nutrition at UC Davis in December 2010. She is currently an Assistant Professor of Nutrition at the Cummings School of Veterinary Medicine at Tufts University. Her professional interests include canine and feline obesity, nutritional management of renal disease, long chain fatty acids and psittacine nutrition. In her leisure time, Dr. Heinze enjoys camping, hiking and other outdoor pursuits. She shares her home with two cockatiels.
VCA/Antech is proud to be The Gold Sponsor of the MVMA Conference on May 18

As part of our service to the veterinary community, VCA/Antech supports specialty medicine at four locations in Massachusetts: VCA Boston Road Animal Hospital, VCA Northboro Animal Hospital, VCA Roberts Animal Hospital and VCA South Shore Animal Hospital. In addition, both VCA Boston Road and VCA South Shore provide 24-hour emergency services. Also providing support for the greater veterinary community is Antech Diagnostics, the largest veterinary diagnostic service in Massachusetts.

The referral services available at our hospitals are as follows:

VCA Boston Road Animal Hospital
1235 Boston Road
Springfield, MA
Amy Alwood, DVM, DACVECC: Critical Care
Maura Carney, DVM: Internal Medicine
Merilee Costello, DVM, DACVECC: Critical Care
Nathaniel Fenollosa, DVM, DACVIM (Cardiology): Cardiology
Gene Nesbitt, DVM, DACVD: Dermatology
John Stambaugh, VMD, DACVS: Surgery

VCA Northboro Animal Hospital
286 West Main Street
Northboro, MA
Melissa Dudley, DVM, DACVS: Surgery
William FitzPatrick, DVM: Oncology
Gene Nesbitt, DVM, DACVD: Dermatology
Laura Siebert, DVM: Internal Medicine

VCA Roberts Animal Hospital
516 Washington Street
Hanover, MA
Brad Moses, DVM, DACVIM (Cardiology): Cardiology

VCA South Shore Animal Hospital
595 Columbian Street
South Weymouth, MA
Nicole Amato, DVM, DACVS: Surgery
Michael Bernstein, DVM, DACVIM: Internal Medicine
Angelyn Cornetta, DVM, DACVIM: Internal Medicine
David Diamond, VMD, DACVS: Surgery
Amanda Duffy, DVM, DACVECC: Critical Care
Stephen Dyer, DVM, DABVP (Avian Practice): Avian and Exotic Animal Medicine
William FitzPatrick, DVM: Oncology
William Greentree, DVM, DACVO: Ophthalmology
Stephanie Kube, DVM, DACVIM: Neurology and Neurosurgery
Klaus Loft, DVM: Dermatology
Susan Morrison, DVM, DACVIM: Internal Medicine; Cardiology
Brad Moses, DVM, DACVIM (Cardiology): Cardiology
Diana Rosenstein, DVM, DACVR: Diagnostic Imaging
Call to Order
Mary Labato, President

Welcome & President’s Remarks

In Memoriam

2010 Annual Meeting Minutes

Proposed Amendments to Constitution

Annual Financial Report
Adam Arzt, Treasurer

AVMA Delegate Report
Kathleen M. Reilly, HOD Delegate

MVMA Charities, Inc. Report
Rich Rodger, President

2011 Election
David Schwarz, Past President
Nominating Committee, Chair

- Ilene Segal as President Elect (2 year term)
- Adam Arzt as Treasurer (1 year term)
- Cindy Fuhs as Secretary (1 year term)

Installation of Officers
John de Jong, AVMA, District I Representative

President’s Remarks
Kathleen Reilly, President

Adjourn
In Memoriam

Dr. M. Sidney Mael
Dr. George Walmsley

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Massachusetts Veterinary Medical Association
Annual Meeting - Minutes
May 12, 2010

1:04 pm Meeting called to order by Mary Labato, President. A quorum is present.

Dr. Labato thanked both the Executive Board and the MVMA staff for their efforts in coordinating and executing the Annual Meeting.

Dr. Labato asked that all present join in a moment of silence and remember those we lost in the last year: Dr. George W. Abbott, Dr. Mark H. Engelhardt, Dr. Elaine J. Hopkins, Dr. Margaret L. Petrak and Dr. Gus W. Thornton.

The Minutes from the 2009 Annual Meeting were presented for approval. A motion was made to approve the Minutes. The motion was seconded. The 2009 Minutes were approved unanimously. The Minutes from the 2009 Annual Meeting have been accepted.

Dr. Labato noted that all recipients of the 2009/2010 Achievement Award should have received their Certificate and they are all listed on the back page of the Annual Meeting Program.

Dr. Labato presented several proposed amendments to the Constitution and Bylaws.

The proposed changes are:

**Article VI – Membership**
Section 3, (b) – instructors have been removed
Section 3, (c) – “are engage in research” has been removed
Section 5 changed to Section 6
Student members in the corporation shall be those persons of good moral character who are enrolled in an accredited school of veterinary medicine.

**Article VII – Dues and Assessments**
Section 7 changed to read - The annual dues for students who are members of the corporation shall be determined by the Steering Committee and payable in advance on the first day of January of each year.

A motion was made to approve the proposed amendments. The motion was seconded. The amendments to the Constitution & Bylaws were approved unanimously. The motion carries.

Dr. Adam Arzt, Treasurer, gave a financial report.
The MVMA 2010 budget was passed by the Steering Committee at the December 2, 2009 meeting. This year’s budget projects income at $380,930 and expenses at $415,860, resulting in a deficit of $34,930. We have funded this deficit through a re-finance of the mortgage on our office property, tapping into a small portion of the equity we have in the building. While having a planned budget deficit is not ideal and cannot be sustained year after year, our foresight in previous years of aggressively paying down the mortgage makes this an available option for 2010.

Dr. Arzt stated that although the deficit is not an ideal situation, the MVMA staff is busy generating fresh ideas for non-dues revenue opportunities and cost saving measures.

He also stated that in conjunction with the Strategic Plan, high quality Continuing Education is a key to revenue generation. Also, the chapter relies heavily on membership dues so all members should reach out to their colleagues and stress the importance of membership.

John de Jong gave the following AVMA Delegate’s Report

Both he and Kathy Reilly (alternate delegate) have been busy over the past year.

Last year Dr. Larry Kornegay was elected as President-Elect and Dr. Gary Brown was re-elected to a second term as Vice President of the AVMA. Zoo veterinarians were added to the HOD advisory panel. Funding was restored to the HOD after a reduction the previous year.

In January at the Leadership Conference Dr. de Jong contributed to amending the AVMA Bylaws to restructure the HOD reference committees to better align with the strategic goals of the association. These proposed amendments were passed. Also, a second amendment proposed dealt with term limits of the HOD enabling them to serve a total of 12 years (6 as alternate and 6 as delegate). This proposed amendment was defeated.

The HOD passed a dues increase (from $250 to $300) which will take effect in 2011. It was noted that AVMA has the least expensive dues of any major professional association in the USA.

Dr. de Jong detailed many changes and additions to the AVMA website and urged all members to check them out.

Dr. Renee Carlson is a candidate for President Elect and Dr. Jan Strother is a candidate for Vice President. The election will take place at the summer 2011 meeting.

In closing, Dr. de Jong wished to thank the MVMA for the many great honors he has received and is excited at the prospects of his new position as AVMA District 1 Representative, which will begin in August of 2011.

Dr. Ilene Segal gave a presentation as Chair of the Emergency & Disaster Committee. Specifically she introduced a state-wide microchipping day planned for September 25, 2010. Dr. Segal requested our members to participate as volunteers or as venues for the day’s microchipping activities.

Dr. Rich Rodger gave a report as President-Elect of the MVMA Charities, Inc. He stated that the Charity is making a huge impact. Most recently, $4,000 was donated to Second Chance Ranch, a facility for abandoned horses. The Stray Animal Fund is still assisting Animal Control Officers and their work across the state. Dr. Rodger urged all members to make sure that their town’s ACO is registered with the MVMACI so that their town can receive all the benefits available from the MVMACI. It was
noted that the MVMACI has a new pamphlet detailing all the work the Charity does. Finally, Dr. Rodger urged all members to help the charity by participating and/or donating – all efforts make an impact. At least 90% of all donations make it to the designated programs and the Charity continues to make an impact on the welfare of animals.

Dr. David Schwarz as Chair of the Nominating Committee introduced the 2010/2011 slate of officers up for election.

Dr. Adam Arzt – re-election at Treasurer
Dr. Cindy Fuhs – election as Secretary

A motion was made to approve the slate. The motion was seconded. A vote was taken and the slate was approved unanimously.

Dr. Henry Childers took the stage and installed Dr. Adam Arzt as treasurer.

Dr. Mary Labato returned to the stage and asked the audience if there was any further business that needed to be addressed. With no reply a motion was made to adjourn the meeting. The motion was seconded.

The meeting was adjourned at 1:30 pm

2011—2012 Slate of Officers for Election

Treasurer: Adam Arzt
Secretary: Cindy Fuhs

2011—2013 Slate of Officers for Election

President Elect: Ilene Segal
Proposed Amendments to the MVMA Constitution

Article I
Section 5.
The corporation shall remain as a non-profit, tax-exempt organization.

Article IV
Section 1.
The officers of the corporation shall be a president, a president-elect, a secretary and a treasurer. The term of office for president and president-elect shall each be two years. The term of office for secretary and treasurer shall be two years and they shall serve no more than three consecutive terms. The election of the president and president-elect shall occur on alternate years of election of secretary and treasurer. If the secretary or treasurer cannot finish their terms an alternate will be elected to finish the vacated office. These officers and the immediate past president shall constitute the executive board.

Article VI
Section 6.
Student members in the corporation shall be those persons of good moral character who are currently enrolled in an accredited school of veterinary medicine and have been elected to membership by a vote of not less than two-thirds of members present at a Steering Committee meeting. Student members shall be subject to the same privileges as active members, except they cannot vote or hold office.

Section 7.
Disciplinary Action:
(A) Disciplinary action, including expulsion from membership, may occur due to:
(1) Action by the Massachusetts Board of Registration in Veterinary Medicine resulting in revocation or forfeiture of a member’s veterinary license.
(2) Conviction of a felony for a crime related to, or arising out of, the practice of veterinary medicine.

(B) Procedure:
(1) Disciplinary action may be taken provided that a statement of the charges shall have been sent to the last recorded address of the member at least fifteen (15) days before final action is to be taken. A notice of the time and place of the meeting at which the charges shall be considered shall accompany this statement, and the member shall have the opportunity to appear in person and/or to be represented by counsel and to present any defense to such charges before the Association takes action. Notwithstanding the foregoing, in the event a member has been convicted of a felony and the fact of such conviction is not contested, such member may be expelled from the Association without a hearing.
(2) A decision on disciplinary action shall be determined by a vote of not less than two-thirds of the members present at a Steering Committee meeting.

Article IX
STANDING COMMITTEES
The following committees shall be Standing Committees of the corporation:
Finance, Communicable Diseases and Public Health, Continuing Education and Program, Education, Large Animal, Ethics & Grievances, Legislative, Animal Welfare, Membership, Nominating, Veterinary Technician, Public Relations, Resolutions and Bylaws, Newsletter, Past President’s Advisory Council, International, State Board Relations, Emergency & Disaster Planning Committee, and Tufts Student Liaison Committee. The president in each year shall appoint all chairpersons, with the exception of the Finance Committee, as the Treasurer will hold the position of chairperson of the Finance Committee. The committees shall be subject to the direction of the Steering Committee. All committees may expend such sums as may from time to time be designated by the Steering Committee.
Section 1.
The Finance Committee – The Finance Committee shall be responsible for overseeing the investments of the corporation, planning the corporation’s expenditures for the coming year, all financing the corporation shall require and all capital campaigns/expenditures.

## Treasurer’s Report

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| Net Profit (Loss) | -39600 | -8091 | 0 |
## 2010 - 2011 Continuing Education Achievement Awards

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<tr>
<th>Dr. Adam Arzt</th>
<th>Dr. Mary Letwin</th>
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<tbody>
<tr>
<td>Dr. Seymour Bigman</td>
<td>Dr. Monica Mansfield</td>
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<tr>
<td>Dr. Henry Childers</td>
<td>Dr. Peg McIsaac</td>
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<tr>
<td>Dr. John Curtin</td>
<td>Dr. Gail McNeill</td>
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<tr>
<td>Dr. Jonathan Diehl</td>
<td>Dr. Kathleen Reilly</td>
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<tr>
<td>Dr. Vincent Durso</td>
<td>Dr. Wayne Renegar</td>
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<td>Dr. Mohamed Emara</td>
<td>Dr. Richard Rodger</td>
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<td>Dr. Elaine Gilleece</td>
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<td>Dr. Kenneth Goddard</td>
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<td>Dr. Ariane Goerlich</td>
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<td>Dr. Julie Haller</td>
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<td>Dr. Scott Handler</td>
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<td>Dr. Richard Heller</td>
<td>Dr. Beth Yagodzinski</td>
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<tr>
<td>Dr. Mary Labato</td>
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- Ophthalmology
- Physical Therapy & Rehabilitation
- Surgery
- Theriogenology

Bulger Veterinary Hospital
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