

Congress News

Wednesday 11th & Thursday 12th, May 2005

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Welcome to Mexico

Dear Colleagues,

We are pleased and honored to welcome you to the 30th WSAVA World Congress in Small Animal Veterinary Medicine. With at least four days to take part in WSAVA activities in our exceptional country filled with warm and caring people, we hope you will have a truly unique experience.

Enjoy the 30th WSAVA World Congress, the 2nd FIAVAC Ibero American Congress, the 26th AMMVEPE National Congress, and return home safely with the biggest treasure - the memories of exceptional days, shared with extraordinary people: veterinarians from around the World.

Raúl Carrancá
Chairman of the Organizing Committee

Bienvenidos a México

Estimados Colegas,

Tenemos el honor de darles la más cordial bienvenida al 30° Congreso Mundial de la WSAVA. Nos aguardan 4 días singulares, en el caso de aquellos delegados que están tomando actividades pre-congreso, o que forman parte de las actividades propias de la WSAVA podrán disfrutar aún más días de un extraordinario país, de la calidez y amabilidad de su gente pero, de verdad esperamos que su estancia sea una experiencia única.

Disfruten del 30° Congreso Mundial de la WSAVA, del 2° Congreso Iberoamericano de la FIAVAC y del 26° Congreso Nacional de la AMMVEPE, y regresen a casa con el mayor de los tesoros, el recuerdo de unos días excepcionales, compartidos con personas extraordinarias: veterinarios de todo el mundo.

Raúl Carrancá
Presidente del Comité Organizador



From left to right:
Joaquín V. Aragonés (Director de FIAVAC),
Larry G. Dee (Presidente de WSAVA),
Raúl Carrancá (Presidente del Comité Organizador)



Don't miss the opportunity to have a trip
to the famous Teotihuacan Pyramids



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ANESTESIOLOGY/ANESTESIOLOGIA

Fentanyl patches in small animals: in cats, effective serum levels are already achieved within 7 hours, the analgetic effect lasts up to 72 hours after the application.

Parches de fentanilo en pequeños animales: en gatos, niveles efectivos en suero son detectados a las 7 horas, el efecto analgésico alcanza las 72 horas tras la aplicación.

BEHAVIOUR/COMPORTAMIENTO

Confirmed by an US-study, dogs often reflect the personality of their owners: in tests the animals showed personality traits equal to those of humans.

Confirmado por un estudio en Estados Unidos los perros reflejan a menudo la personalidad de sus propietarios: en el test los animales mostraron rasgos personales igual que en los humanos.

EXOTICS/EXOTICOS

According to statements given by poison control centres the growing trend for exotic "pets" like snakes, scorpions and poisonous spiders as well as ignorance in the handling will cause an increase in bite and sting injury cases.



De acuerdo a los datos aportados por los centros de control de venenos, la creciente tendencia de mascotas "exóticas" como serpientes, escorpiones y arañas venenosas, así como la ignorancia en el manejo, causará un incremento en los casos de mordeduras y picaduras.

INTERNAL MEDICINE/MEDICINA INTERNA

The tricyclic antidepressant clomipramine may help correct unwanted urine marking in cats.

El antidepresivo tricíclico clomipramina podría ayudar para corregir el marcado urinario indeseado en gatos.

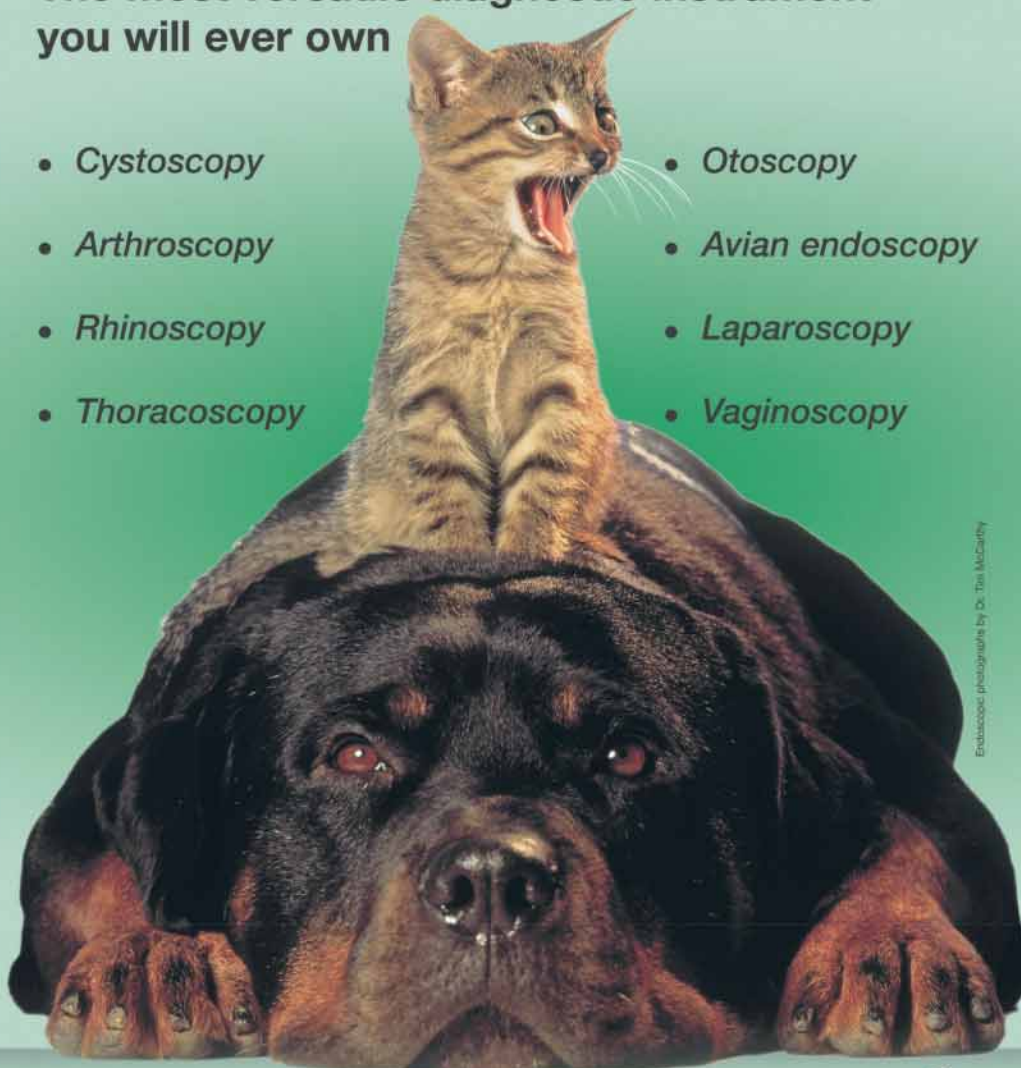
Three types of bacteria associated with canine periodontal disease are also responsible for damage of the internal organs: Porphyromonas gulae, Porphyromonas salivosa and Porphyromonas denticanii have been linked to diseases of the heart, kidney and lungs and are found in 74% of dogs.

Tres tipos de bacterias asociadas con la enfermedad periodontal canina son responsables también del daño en órganos internos: Porphyromonas gulae, Porphyromonas salivosa y Porphyromonas denticanii están unidas a enfermedades del corazón, riñones y pulmones y se encuentran en el 74% de los perros.

Feline uroliths: struvite uroliths are found to be the most common type in domestic shorthair and longhair cats but oxalate uroliths are overall slightly more

The most versatile diagnostic instrument you will ever own

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Endoscopic photography by Dr. Tim McCarthy

The KARL STORZ Multi-Purpose Rigid Endoscope

VET 13E/7033A



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common and the most common type in males, Himalayan, Persian and Siamese cats.

Urolitiasis felina: los urolitos de estruvita son el tipo más común en gatos de pelo corto y largo pero los urolitos de oxalato son en conjunto ligeramente más comunes y los más comunes en machos, himalayos, persas y siameses.

ONCOLOGY/ONCOLOGIA



Cancer is expected to become a significant problem in the field of animal health: oncologists in the US estimate that almost

50 percent of geriatric dogs and 33 percent of cats will die of cancer, making it the leading cause of death in pet animals.

El cáncer es esperado a ser un problema significativo en el campo de la salud



animal: los oncólogos en los Estados Unidos estiman que alrededor del 50% de los perros geriátricos y el 33% de los gatos morirán de cáncer, haciendo de él, la causa de muerte en animales domésticos.

SURGERY/CIRUGIA

Circular external fixator lengthens an Akita's leg: this uncommon surgery was performed as a cooperation of veterinary and human researchers at the University of Florida, Gainesville, who united to develop components for applying the human technology of circular external fixators to animals.

Fijador externo circular alarga la pata de un Akita: esta cirugía poco común fue realizada como una cooperación de investigadores veterinarios y humanos en la Universidad de Florida, Gainesville, los cuales se unieron para desarrollar componentes de la aplicación en la tecnología humana de fijadores circulares externos en la medicina veterinaria.

SCIENCE/CIENCIA



US-researchers identified an RNA-imitating molecule which forces bacteria to give up the DNA being responsible for the resistance to antibiotics.

Topic minoxidil may cause lung edemas, pleural effusion and cardiac disfunction in cats.

British researchers demonstrated the reduction of allergic reactions by inactivating the key molecule p110delta – further research may be important also for the treatment of cancer.

The Max-Planck-Institute, Germany, recently developed DNA-chips that can give insight in the data processing of cells. Normal or pathologic gene activity can thus be compared allowing – in theory – the discovery of illnesses already before the outbreak.

In a first collaboration of this kind, veterinarians from Texas A&M College and a pediatric cardiographic surgeon teamed up last September to perform a surgery on a 10-month-old Labrador with Fallot's tetralogy.

Phenorbital does not conformly show positive effects in all epilepsy patients. Researchers of the Ohio State University found out why: dogs that showed a lower gamma-aminobutyric acid concentration in the cerebrospinal fluid before the begin of therapy seemed to react worse to the medication than animals with higher GABA-values.

Further information at www.vetcontact.com

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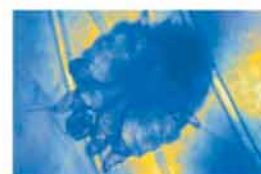
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Dermatology: tracking new types of therapies

Phototherapy is often used in human medicine for the treatment of chronic eczema. Dr. Ulli Wendlberger, Munich, reports about his experiences with this in animals.

Itching skin diseases like atopic dermatitis are - in human as well as in veterinary medicine - mostly chronic illnesses that are sometimes hard to diagnose and that put a lot of strain on humans and animals.



The causing agents often cannot be identified and treatment ends in the systemic or local application of immunosuppressive drugs like macrolactams (i.e. tacrolimus) or cortisone with their known side effects.

In the last years, phototherapies like PUVA (light sensitizer and UVA-light) or narrow band (NB)-UVB are increasingly used in human medicine for the treatment of chronic itching eczemas. In earlier years, superficial X-ray therapies (border ray

therapy) were used in this indication with much success.

Bactericidal effect

Phototherapy leads to a quick decrease in itching by a drastic reduction of Langerhans cells. Because all phototherapies have a bactericidal effect already after the first session, a drop in the often associated germ population is achieved besides reduction of itching.

These quite promising basic principles led us to use these therapies also in animals with diseases associated with itching. An especially therapy-resistant form in cats with bad ulcerative excoriations in the head-neck-area (head and neck pruritus) [see picture 1a and 1b] seemed to be a suitable indication to us.



Possible causes for this disease are ectoparasites, behavioural disorders and, in first place, allergic reactions to environmental or food allergens.

The cause for the itching that leads up to self mutilation can often not be clearly identified, resulting in a complete claw amputation in the affected animals.

Suitable participants in this study seemed to us to be animals that were differentially diagnosed and that - in spite of systemic and topic



therapies, elimination diets and immunotherapies - still did not stop itching themselves.

Firstly, the MED (minimal erythema dose) was determined to determine the dosage in J/cm² for the individual starting dose. Radiation was initially given with an UV-standard device from the German company Waldmann Medical Technologies.

The area to be radiated has to be shaved close, the user has to wear protection in form of suitable goggles and gloves. The treatment, which takes only a couple of minutes, was well tolerated by most cats. Radiation was given 3 to 5 times a week, in most cases 15 to 20 sessions were needed.

Encouraging results

Two of the animals stayed completely in remission after the end of therapy, the rest had to be re-treated after different time spans. The results so far are promising - 9 in 10 treated animals stopped itching, the partly deep wounds often healed after a short time. By this, the bactericidal effect of phototherapy is seen as a synergistic effect.

To make the administration of phototherapy easier, a handheld device from Fa. Waldmann Medical Technologies equipped with a Phillips TL01-tube is used at this time. It can be held directly to the affected area, which could make it possible for the pet owner to treat the animal at home, after he/she has been accurately instructed and the initial MED has been determined.

In the course of this, the radiation dose is increased according to a specified dosage plan.

Dr. Ulli Wendlberger



Opening Ceremony

Wednesday 11th May 2005 at 8.00 p.m. at the Ball Room

The Opening Ceremony is the most important official act of the WSAVA/FAVAC/AMMVEPE Congress. Dignitaries, the Honour Committee and the heads of the sponsoring institutions will be present and provide a warm welcome. During event, enlivened by a few surprises, the WSAVA awards will be given out.

A cocktail soirée will be held to welcome all the congress attendees in the Exhibit Hall.



TRIPLE PROTECTION

Highly effective against fleas,
ticks and mosquitoes



Advantix® for dogs not only displays the high level of flea control associated with Advantage, but also **repels and kills ticks**, and repels **mosquitoes and sand flies**.



Bayer HealthCare
Animal Health

Advantix® Spot-on for dogs.

Composition: 1 pipette for dogs up to 4 kg body weight contains 0.4 ml solution containing 40 mg imidacloprid, 200 mg permethrin and 0.4 mg butylhydroxytoluol. 1 pipette for dogs over 4 up to 10 kg body weight contains 1.0 ml solution containing 100 mg imidacloprid, 500 mg permethrin and 1.0 mg butylhydroxytoluol. 1 pipette for dogs over 10 up to 25 kg body weight contains 2.5 ml solution containing 250 mg imidacloprid, 1250 mg permethrin and 2.5 mg butylhydroxytoluol. 1 pipette for dogs over 25 kg weight contains 4.0 ml solution containing 400 mg imidacloprid, 2000 mg permethrin and 4.0 mg butylhydroxytoluol. **Indications for use:** For the treatment and prevention of flea (*Ctenocephalides felis*, *Ctenocephalides canis*) infestation. Fleas on dogs are killed within one day following treatment. One treatment prevents further flea infestation for four weeks. The product can be used as part of a treatment strategy for flea allergy dermatitis (FAD). The product has a persistent acaricidal and repellent efficacy for four weeks (*Rhipicephalus sanguineus*, *Ixodes ricinus*) or three weeks (*Dermacentor reticulatus*), respectively, against tick infestations. Ticks already on the dog may not be killed within two days after treatment and may remain attached and visible. Therefore the removal of ticks already on the dog at the time of treatment is recommended, in order to prevent them from attaching and having a blood meal. One treatment provides repellent (anti-feeding) activity against sand flies (*Phlebotomus papatasi*) and against mosquitoes for two (*Aedes aegypti*) or four (*Culex pipiens*) weeks respectively. **Contraindications:** In the absence of available data the product should not be used on puppies of less than 7 weeks of age and 1.5 kg of weight. Do not use on cats. People with known skin sensitivity may be particularly sensitive to this product. **Undesirable effects:** On rare occasions reaction in dogs may include transient skin sensitivity (including pruritus, alopecia and erythema at the application site) or lethargy. Poisoning following inadvertent oral uptake in dogs is unlikely but may occur in very rare cases. In this event, neurological signs such as tremor and lethargy can occur. Treatment should be symptomatic under veterinary medical attention. There is no known specific antidote. **Special warnings for target species:** There may be an attachment of single ticks or bites by single sand flies or mosquitoes. For this reason, a transmission of infectious diseases by these parasites cannot be completely excluded if conditions are unfavourable. **Withdrawal period:** Not applicable. Prescription only medicine.

Bayer HealthCare AG, Animal Health Division, D-51368 Leverkusen, Germany.

Advantage® for Dogs, Advantage® for Cats.

(UK only: Pet Rabbits) **Active Ingredient:** Imidacloprid. **Composition:** 1 ml solution containing 100 mg Imidacloprid and 1 mg Butylhydroxytoluol. Pipettes of 1.0 ml, 2.5 ml or 4.0 ml for dogs and 0.4 ml or 0.8 ml for cats. **Indications for use:** For treatment and prevention of flea infestations on cats and dogs. (UK only: for the treatment of flea infestations on pet rabbits). Fleas are killed within 24 hours following application. One application remains effective for up to 4 weeks against fleas. The product can be used as part of a treatment strategy for flea allergy dermatitis (FAD). **Contraindications, warnings:** In the absence of available data the product should not be used on puppies less than 8 weeks or kittens of less than 7 weeks of age (UK only: do not use on pet rabbits of less than 10 weeks of age). Care should be taken to avoid the contents of the tube coming into contact with the eye or mouth of the user or recipient animals. **Withdrawal period:** Not applicable. Bayer HealthCare AG, Animal Health Division, D-51368 Leverkusen, Germany.

www.animalhealth.bayerhealthcare.com



THE TRIPLE PROTECTION.

Eukanuba es el único alimento para mascotas que clínicamente ha demostrado mejorar la habilidad de los cachorros para aprender

El último estudio innovador de la Compañía Iams, avalado por más de 50 años de investigación y desarrollo en el campo de la nutrición para mascotas, demuestra que la alimentación puede repercutir positivamente en el aprendizaje y la capacidad de adiestramiento de los cachorros.

METODOLOGÍA

En un estudio sumamente controlado¹, 39 cachorros genéticamente similares fueron evaluados para determinar los efectos sobre el aprendizaje del ácido Docosahexaenoico (DHA, por sus siglas en inglés) incorporado en la dieta. El DHA es un ácido graso omega-3 y un nutriente clave para el desarrollo cerebral. Tanto los cachorros como sus madres, durante toda la gestación y la lactancia, fueron alimentados con una dieta balanceada y completa que sólo variaba en el contenido de DHA (reforzado o restringido). Además, para simular un entorno hogareño, se socializó a todos los cachorros mediante el mismo tipo de juego e interacción con personas

A las nueve semanas de edad, se asignó a cada cachorro dos figuras (un cuadrado y un círculo) que indicaban 'ir a la izquierda' o 'ir a la derecha'. Luego de cinco días de adiestramiento para asociar la figura dada con una dirección determinada, los cachorros entraron en la fase de prueba de 25 días.

Se les presentaba una figura y si elegían la dirección correcta, recibían una recompensa. Luego, esto se repetía con la otra figura (la secuencia se determinaba al azar).



A lo largo del experimento, los investigadores evaluaron la función cognoscitiva y la adiestrabilidad comparando los resultados del grupo alimentado con DHA mejorado de Eukanuba con los del grupo que recibió menos DHA.

La dieta restringida en DHA fue suministrada a 20 cachorros mientras que 19 fueron alimentados con contenidos mejorados de DHA de Eukanuba.

RESULTADOS

Para pasar la prueba, cada cachorro debía interpretar correctamente la combinación figura-dirección dada el 80% de las veces, durante dos sesiones consecutivas. Más del doble de los cachorros del grupo alimentado con DHA reforzado satisficieron los criterios para pasar la prueba en comparación con el grupo que recibió menos DHA. Los resultados fueron consistentes en múltiples repeticiones de la prueba.

CONCLUSIÓN

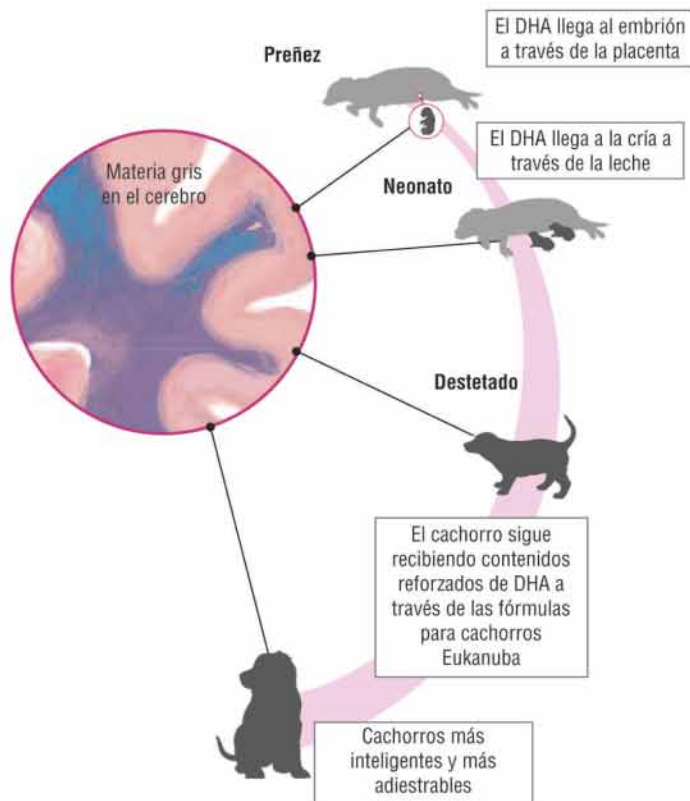
El desempeño del grupo alimentado con DHA mejorado de Eukanuba superó en más del doble el del grupo que recibió menos DHA, demostrando así una mejora significativa en la adiestrabilidad de los cachorros. ($P=0.05$).



¿CÓMO FUNCIONA EL DHA?

Durante el crecimiento y desarrollo cerebral una fuente reforzada de DHA es fundamental para:

- Los componentes estructurales de los fosfolípidos presentes en las neuronas.
- El alargamiento de las neuronas y la señalización de las células.
- Un adecuado desarrollo de la materia gris.



1. Kelley RL, Lepine AJ, et al. Efecto del Ácido Docosahexaenoico en la Capacidad de Entrenamiento del Cachorro En el Evento del 6to Congreso de la Sociedad Internacional para el estudio de los Ácidos Grasos y Lípidos (ISSFAL, por sus siglas en inglés) 2004, Brighton, Reino Unido (resumen). (Logo: Eukanuba: Para un cuerpo, una mente y un ánimo saludables.)



Para él, la palabra "siéntate" no tenía ningún significado.
Eukanuba hace que sea más inteligente y aprenda más fácilmente.



Eukanuba Puppy – alimento enriquecido que nutre al cerebro con DHA

DHA, es ácido graso natural Omega-3 y que ayuda a promover la capacidad y desarrollo cerebral. Un estudio novedoso muestra que los cachorros y sus madres, cuando son alimentados con Eukanuba rico en DHA, resultan en camadas que aprenden más rápido y por lo tanto más fácil de entrenar.



Eukanuba 
The Best You Can Do for Your Dog.

Social Events

Mexican Night

Thursday, 12th October 2005, at 9.00 p.m.

Enjoy the Mexican hospitality taking part in our fiesta.

Mexican food, drinks and folklore of Mexico will enable all delegates to have a unique evening.

The price of the entrance ticket is included in the enrolment fee for the congress attendees and companions. Anybody not included in these categories can purchase a ticket for 40 USD. We recommend casual dress.

A coach service will take delegates from Centro Banamex to the fiesta site.



Gala Dinner

Friday, 13th October 2005, at 9.00 p.m.

The dinner will present the finest examples of traditional cuisine of our country, accompanied by drinks and Mexican wines. This will be followed by a dance accompanied by a full orchestra.

The price is not included in the enrolment fee. Places are limited. Tickets for 70 USD each.

Dress is formal (lounge suit or black tie).

A coach service will take delegates from the Centro Banamex and hotels, to the site of the dinner.



Compartiendo con los veterinarios la misma pasión por los gatos y perros

Ofrecer "lo mejor de los dos mundos"



Salud/Nutrición, Conocimiento y Respeto por los animales, Innovación permanente.

1 Los veterinarios y el equipo Royal Canin coinciden

- Ambos sienten un verdadero respeto por los animales
- Ambos son expertos en perros y gatos
- Ambos son apasionados y racionales porque comparten un mismo objetivo:

"Mejorar la salud y longevidad de los perros y gatos"

2 Crear "Una gran alianza"

- Ser un fiel socio del mundo veterinario
- Crear nuevos territorios para el progreso de la Salud
 - Prevención
 - Riesgos asociados
 - Innovación
- Ofrecer gamas específicas, precisas y especializadas

Desarrollar junto al veterinario la Nutrición Salud

3 Desarrollar una nueva visión de la Salud y de la Nutrición

Colaborar con el veterinario para dar una respuesta mejor y más precisa a las necesidades de los animales que acuden a su clínica

- Animales enfermos > "Veterinary Diet"
- Animales en riesgo > "Vet Early Care"
- Animales sanos > "Vet Nutrition"

4 Ofrecer verdaderas diferencias

- Para responder mejor a las necesidades de los animales
- Para desarrollar la actividad y la fidelidad del cliente
- Para crear valor añadido para los Animales, Propietarios y Veterinarios

Desarrollar la actividad del veterinario antes que intentar conquistar la cuota de mercado de la competencia

5 Reforzar la función del veterinario

- Reforzar su imagen médica y científica
- Aportar servicios con un verdadero valor añadido
- Evitar su pérdida de influencia
- Evitar "trucos nuevos" (carencia de credibilidad científica)

Ofrecer al veterinario la función de prescribir la alimentación

6 Aplicar una regla formulada hace 2450 años

"Que tu alimentación sea tu primera medicina"

Hipócrates 460-377 ac.

El siglo XXI será:

El siglo de la Salud

El siglo de la Salud Nutrición

El siglo de los VETERINARIOS

WALTHAM®

