



3<sup>rd</sup> Bi-Annual Symposium  
Annapolis, Maryland ~ August 7<sup>th</sup> and 8<sup>th</sup> 2015

**PROGRAM**

**Friday, August 7<sup>th</sup>**

8:00-8:45		<b>VNS Business Meeting</b>	
8:45-9:30	T	Presentation: Non-surgical management of LS from a rehab perspective	Kieves
9:30-10:00	T	Presentation: Rehab differences between TL and LS	Kieves
10:00-10:20		<b>Break</b>	
10:20-10:40	A	Presentation: Rehab management of IVDD patients from surgery to 12 week recheck	Carr
10:40-11:00	A	Presentation: The use of computer aided gait analysis in the evaluation of neurologic patients	Levine
11:00-11:45	T	Presentation: Design and development of a new fixation device for atlanto-axial subluxation in small dogs	Shores
11:45-1:40		<b>Lunch on own</b>	
1:40-2:00	A	Presentation: Kinematics of a Novel Cervical Fusion System	Zindl
2:00-2:20	A	Presentation: Retrieval Analysis of Canine Cervical Total Disc Replacement Implants	Zindl
2:20-2:40	A	Presentation: Experiences with the Storz Vitom exoscope in dog spinal surgery	Winger
2:40-3:40	T	Presentation: Updates on Chiari malformation/syringomyelia	Cerda-Gonzalez
3:40-4:00		<b>Break</b>	
4:00-6:00		<b>Round table discussion:</b> Chiari; Case- based round table discussion lead by Dr. Cerda-Gonzalez and others	Cerda-Gonzalez and others
6:30		<b>Welcome reception</b>	

## Saturday, August 8<sup>th</sup>

8:00-8:20	A	Presentation: The effect of anesthesia-induced hypotension on neurologic outcome in dogs with acute severe TL IVDD	Fauber
8:20-8:40	A	Presentation: Intradiscal injection of BMP-7 in a canine spontaneous disc degeneration model	Willems
8:40-9:00	A	Presentation: Intradiscal application of celecoxib loaded hydrogels in a canine spontaneous IVDD model	Willems
9:00-9:20	A	Presentation: Transthoracic ventral slot for upper thoracic chronic disc in a German Shepherd	Berg
9:20-9:40	A	Presentation: Complete corpectomy and stabilization for treatment of severe hemivertebrae in 2 dogs	Berg
9:40-10:00	<b>Break</b>		
10:00-10:20	A	Presentation: Results of treatment of severe lumbosacral disease by pedicle screw-rod fixation in 11 dogs	Willems
10:20-10:40	A	Presentation: Kinematic performance of a Novel Pedicle-Screw rod Fixation System for the Canine Lumbosacral Spine	Zindl
10:40-11:00	A	Presentation: Use of a customized 3D printed anatomical spine model to aid in surgical planning of a TL spinal deformity	Barker
11:00-11:45	T	Presentation: 3D MRI Techniques: some realities in the application & optimization of these new sequences	Holmes
11:40-1:40	<b>Lunch on own</b>		
2:00-2:20	A	Presentation: 3D solitary sequence MRI of the dog spine in Hansen type I IVDD	Carpentier
2:20-3:40	T	Presentation: MRI in Neurosurgery	Caceres
3:40-4:00	<b>Break</b>		
4:00-6:00		<b>Round table discussion:</b> Complications in neurosurgery; case-based discussion lead by Dr. Fauber	Fauber and others
7:00-10:00	<b>Conclusion of Symposium ~ Gala Dinner</b>		

This meeting is pending RACE approval for 14 hours of CE for veterinarians