



## Advanced Oral and maxillofacial trauma in dogs and cats: imaging, surgical planning and repair

December 19 - December 21, 2019 | Oquendo Center

### Day 1: December 19, 2019

Subject to change.

Time	Topic: Diagnostic imaging and surgical planning	
8:00-8:10a	Course objectives	Verstraete
8:10-9:00a	Diagnostic imaging in OMF trauma management	Verstraete
9:00-9:50a	3D-printing and surgical planning	Arzi
9:50-10:10	Break	
10:10-10:40	CBCT and imaging software	Arzi
10:40-11:30	Overview of Day 1 Laboratory: imaging and software manipulation	Verstraete/De Paolo
11:30-12:30p	<b>Laboratory 1</b> Assessment and manipulation of real life cases CT and surgical planning	All
12:30-13:30p	Lunch	
1:30-2:40p	<b>Laboratory 1</b> Continued	
2:50-3:00p	Break	
3:00p-4:10p	<b>Laboratory 2</b> Group discussion based on the cases manipulated earlier	All
4:40-5:20p	<b>Wrap-up and discussion</b>	

### Day 2: December 20, 2019

Time	Topic: maxillofacial fracture repair	
8:00-8:30a	Fundamentals of oral and maxillofacial surgery	Arzi
8:30a-9:00a	Materials for internal fixation	Verstraete
9:00-9:40a	Maxillofacial fracture repair	Verstraete
9:40-10:00	Break	
10:00-10:30	Minimally invasive fracture repair	Arzi
10:30-10:50a	Trauma to the palate	Verstraete

10:50-11:10	Break	
11:10-12:30	<b>Laboratory 3</b> Surgical planning (pre-fractured specimens)	All
12:30-1:30p	Lunch	
1:30- 4:00	<b>Laboratory 4</b> Internal fixation for: zygomatic, frontal, palatal, maxillary fractures - cadaver based (pre-fractured)	All
4:00p-5:00p	<b>Case presentation, wrap-up and discussion</b>	

### Day 3: December 21, 2019

Time	Topic: mandibular fracture repair	
8:00-8:30a	Mandibular fracture management (internal fixation )	Verstraete
8:30a-9:00a	Mechanics and kinematics of the mandible and mandibular fractures	Arzi
9:00-9:30a	Management of TMJ fractures	Arzi
9:30a-10:00a	Considerations for defect non-union fractures	Verstraete
10:00a-10:20	Break	
10:20-12:30	<b>Laboratory 5</b> Surgical planning and internal fixation for management of mandibular fractures - (pre-fractured specimens) and Pharyngostomy intubation	All
12:30p-1:30p	Lunch	
1:30-2:45p	<b>Laboratory 6</b> Internal fixation for management of defect non-union fractures	
2:45--3:00p	Break	
3:00-4:15	<b>Laboratory 7</b> Internal fixation for management of mandibular fractures in cats	
4:15p-5:00p	<b>Case presentation and wrap-up and discussion</b>	

WVC uses canine and feline cadavers in continuing education laboratories. The animals used have been humanely euthanized at an animal shelter for reasons unrelated to the educational laboratory.