



# RESPIRATORY ENDOSCOPY TRAINING COURSE

NOVEMBER 17 - 18, 2023 | IN - PERSON | UP TO 11.5 HOURS CEU



<b>Friday, November 17, 2023 4:30 PM – 8:00 PM (PDT)</b>	<b>Respiratory Endoscopy Training Course</b>
<b>4:30 PM – 5:15 PM</b>	<b>Registration Check-In and Exhibit Hall</b>  <b>Dinner Social and Open Bar</b> <b>Location: Gourley Clinical Teaching Center</b>
<b>5:15 PM – 5:25 PM</b>	<b>WELCOME ADDRESS</b>
<b>5:25 PM – 6:55 PM</b>	<b>Respiratory Examination</b> <i>Lynelle Johnson DVM, MS, PhD, DACVIM</i>  1.5 CEU PENDING
<b>6:55 PM – 7:10 PM</b>	<b>DESSERT BREAK</b>
<b>7:10PM – 8:00 PM</b>	<b>Overview of Respiratory Scope Anatomy, Handling and Cleaning</b> <i>Melissa Bartholomew MS, RVT</i> <i>Valerie Walker RVT</i>  1 CEU PENDING





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<b>Saturday, November 18, 2023 7:30AM - 5:50PM (PDT)</b>	<b>Respiratory Endoscopy Training Course</b>
<b>7:30 AM - 7:45 AM</b>	<b>Breakfast and Registration Check-In Location: Gourley Clinical Teaching Center</b>
<b>7:45 AM - 8:00 AM</b>	<b>WELCOME + ANNOUNCEMENTS</b>
<b>8:00 AM - 8:50 AM</b>	<b>Introduction to Rhinoscopy and Case Selection</b> <i>Lynelle Johnson DVM, MS, PhD, DACVIM</i>  1 CEU PENDING
<b>9:00 AM - 9:50 AM</b>	<b>Comprehensive Review on How to Care for Your Scopes Lecture and Troubleshooting Demo</b> <i>Melissa Bartholomew MS, RVT</i> <i>Valerie Walker RVT</i>  1 CEU PENDING
<b>10:00 AM - 10:10 AM</b>	<b>BREAK</b>
<b>10:10 AM - 12:10 PM</b>	<b>Laboratory Part 1: Rhinoscopy</b> <i>Lynelle Johnson DVM, MS, PhD, DACVIM</i> <i>Sean Hulsebosch DVM, DACVIM</i> <i>Dennis Woerde DVM, DACVIM</i> <i>Melissa Bartholomew MS, RVT</i> <i>Valerie Walker RVT</i>  2 CEU PENDING
<b>12:10 PM - 1:00 PM</b>	<b>LUNCH and EXHIBIT HALL</b>





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Saturday, November 18, 2023 (Continued)		Respiratory Endoscopy Training Course	
	Veterinarians	Registered Veterinary Technicians	
<b>1:00 PM – 1:50 PM</b>	<b>Introduction to Bronchoscopy</b> <i>Lynelle Johnson DVM, MS, PhD, DACVIM</i>  1 CEU PENDING	<b>Scope Demos (In Lab)</b> <i>Melissa Bartholomew MS, RVT</i> <i>Valerie Walker RVT</i>  1 CEU PENDING	
<b>2:00 PM – 2:50 PM</b>	<b>Complication of Bronchoscopy</b> <i>Lynelle Johnson DVM, MS, PhD, DACVIM</i>  1 CEU PENDING	<b>Scope Demos (In Lab)</b> <i>Melissa Bartholomew MS, RVT</i> <i>Valerie Walker RVT</i>  1 CEU PENDING	
<b>2:50 PM – 3:00 PM</b>	<b>BREAK</b>		
<b>3:00 PM – 5:50 PM</b>	<b>Laboratory Part 2: Canine Flexible Bronchoscopy on Cadavers, Q &amp; A, Wrap Up (Final Hour)</b> <i>Lynelle Johnson DVM, MS, PhD, DACVIM</i> <i>Sean Hulsebosch DVM, DACVIM</i> <i>Dennis Woerde DVM, DACVIM</i> <i>Melissa Bartholomew MS, RVT</i> <i>Valerie Walker RVT</i>  3 CEU PENDING		





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**DAY 1: NOVEMBER 17, 2023**

## LEARNING OBJECTIVES

### Respiratory Examination

*Lynelle Johnson DVM, MS, PhD, DACVIM*

- To discover physical examination findings that help prioritize differential diagnosis for patients with nasal disease
- To gain expertise in performing rhinoscopy with rigid and flexible endoscopes
- Appraise the indications for respiratory tract endoscopy

### Overview of Respiratory Scope Anatomy, Handling, and Cleaning

*Melissa Bartholomew MS, RVT*

*Valerie Walker RVT*

- To learn basic rigid and flexible endoscope anatomy and accompanying instrumentation
- To understand the fundamentals of respiratory procedure set up
- To understand safe respiratory handling techniques
- To become familiar with basic cleaning and disinfection of endoscopes used for respiratory procedures





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**DAY 2: NOVEMBER 18, 2023**

## LEARNING OBJECTIVES

### Introduction to Rhinoscopy and Case Selection

*Lynelle Johnson DVM, MS, PhD, DACVIM*

- To gain expertise in performing rhinoscopy with rigid and flexible endoscopes
- Appraise the indications for respiratory tract endoscopy
- Critique the value of performing laryngoscopy in respiratory tract patients

### Comprehensive Review on How to Care for Your Scopes Lecture and Troubleshooting Demo

*Melissa Bartholomew MS, RVT*

*Valerie Walker RVT*

- Understand the fundamentals of basic endoscopy equipment troubleshooting
- Develop an understanding of how to clean and maintain an endoscope
- Understand the steps to obtain respiratory endoscopic biopsies

### Laboratory Part 1: Rhinoscopy

*Lynelle Johnson DVM, MS, PhD, DACVIM*

*Sean Hulsebosch DVM, DACVIM*

*Dennis Woerde DVM, DACVIM*

*Melissa Bartholomew MS, RVT*

*Valerie Walker RVT*

- Illustrate appropriate scope handling
- Demonstrate knowledge of respiratory anatomy
- Apply knowledge of flexible endoscope characteristics to performance of respiratory techniques

### Introduction to Bronchoscopy

*Lynelle Johnson DVM, MS, PhD, DACVIM*

- To gain expertise in performing bronchoscopy with rigid and flexible endoscopes
- Appraise the indications for respiratory tract endoscopy
- Critique the value of performing bronchoscopy in respiratory tract patients





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## Complication of Bronchoscopy

*Lynelle Johnson DVM, MS, PhD, DACVIM*

- Prioritize the possible complications of respiratory tract endoscopy and methods to avoid these in dogs and cats
- Understand patient preparation and general endoscopic technique for examination of upper and lower respiratory tracts
- Verify the normal endoscopic appearance of nasal cavity, larynx, trachea and bronchi of dogs and cats
- Predict appropriate sample collection techniques for animals with various respiratory diseases

## Scope Demos (In Lab)

*Melissa Bartholomew MS, RVT*

*Valerie Walker RVT*

- How to set up for a respiratory endoscopy procedure efficiently
- Hands-on cleaning demonstration of rigid and flexible endoscopes

## Laboratory Part 2: Canine Flexible Bronchoscopy on Cadavers, Q & A, Wrap Up (Final Hour)

*Lynelle Johnson DVM, MS, PhD, DACVIM*

*Sean Hulsebosch DVM, DACVIM*

*Dennis Woerde DVM, DACVIM*

*Melissa Bartholomew MS, RVT*

*Valerie Walker RVT*

- Illustrate appropriate scope handling
- Demonstrate knowledge of respiratory anatomy
- Apply knowledge of flexible endoscope characteristics to performance of respiratory techniques

