



FREE

Container Closure Integrity Workshop

May 20, 2026

Hosted by Lighthouse Instruments
and Genesis Packaging Technologies

Join us at one of our one-day seminars designed for pharmaceutical industry professionals. The session will cover topics such as container closure integrity, RSF correlation with CCIT, RSF for packaging development, RSF as an IPC for QC, capping equipment technologies, oxygen monitoring for oxygen-sensitive pharmaceuticals, media fill inspection, deep cold storage container closure integrity (CCI), and moisture analysis. Enhance your expertise in headspace analysis with practical insights and hands-on demonstrations.

LOCATION



Raleigh, North Carolina

Research Triangle Park
Frontier RTP
800 Park Offices Dr
Durham, NC 27709

REGISTRATION INFORMATION

Cost: There is no fee for this workshop

Includes: Workshop materials, boxed lunch

Registration Deadline: One week before the workshop

To Register: Use the QR code above

Note: Limited seats are available, early registration is recommended.





Elevate your pharmaceutical analysis skills with expert guidance from Lighthouse Instruments and Genesis Packaging Technologies.

We look forward to seeing you there!

SAMPLE AGENDA*	
9:00–10:00	Coffee and donuts
10:00–11:00	(Lighthouse Presentation) <ul style="list-style-type: none"> • Container Closure Integrity • Introduction to CCI testing • Case studies and practical examples • Hands-on demonstration
11:00–11:15	Break
11:15–12:00	(Genesis Presentation) <ul style="list-style-type: none"> • Advanced Measurement of Residual Seal Force for Vial Integrity • Hands-on demonstration
12:00–1:00	Boxed lunches <ul style="list-style-type: none"> • Assorted sandwiches and beverages • Networking opportunity
1:00–1:45	(Lighthouse Presentation) <ul style="list-style-type: none"> • Regulatory Updates to CCI • Annex 1, USP 382, TR 27, and USP Chapter 1207
1:45–2:00	Break
2:00–3:00	(Genesis Presentation) <ul style="list-style-type: none"> • Ensuring Container Closure Integrity in Parenteral Vials
3:00–3:15	Break
3:15–4:00	Panel Discussion with both Lighthouse and Genesis

Speakers:

Dr. James Veale • President, Lighthouse Instruments

Tom Millner • Vice President of Sales for North America, Lighthouse Instruments

Jay Rowden • Technical Sales Representative, Lighthouse Instruments

Rick McDougal • Technical Account Manager, Lighthouse Instruments

Carolina González Gaitán • Parenteral Packaging Scientist, Genesis Packaging Technologies

Kevin Stofflet • Engineering Manager, Genesis Packaging Technologies



Speaker Biographies



Dr. James Veale

Jim Veale is President of Lighthouse Instruments. He received his Ph.D. in Physics from the University of Virginia in 1994 and founded Lighthouse in 1995. He developed the first laser headspace gas analyzer for use in the pharmaceutical industry. He has served on numerous industry committees related to container closure integrity testing. His research and business interests focus on developing pharmaceutical test and measurement applications using laser spectroscopy.



Tom Millner

Tom Millner is the VP of Sales for North America at Lighthouse Instruments. Tom has been at Lighthouse since 2011 and has worked in a variety of roles, including quality assurance, technical services, and in the application laboratory. Tom is responsible for the Lighthouse sales team in North America.



Jay Rowden

Jay Rowden, a seasoned professional with over 20 years of experience in analytical instrumentation, joined Lighthouse in 2018 as a technical account manager. With an MBA and an undergraduate degree in cellular and molecular biology, Jay excels in guiding customers across the US and Canada to optimal solutions for their headspace testing requirements.



Rick McDougal

Rick McDougal serves as the Regional Account Manager for Lighthouse Instruments, overseeing the Southeastern U.S. and Middle North America, from Mexico to Manitoba, Canada. With six years at Lighthouse Instruments and nearly 20 years of experience in scientific sales, Rick specialized in selling chromatography equipment and supplies.



Carolina González Gaitán

Carolina González Gaitán works as a Parenteral Packaging Scientist at Genesis Packaging Technologies. In her current role, she is responsible for the consulting department, where she designs package characterization studies and supports pharmaceutical companies in understanding sealing process principles and Residual Seal Force (RSF) fundamentals and in evaluating package selection. She has taught in courses offered by PDA on container closure integrity testing, specifically on RSF. She holds a Ph.D. in Materials Science from the University of Alicante, Spain.



Kevin Stofflet

Kevin Stofflet is the Engineering Manager for Genesis Packaging Technologies. Kevin started at the parent company of Genesis (R-V Industries) in 1992. He has held many positions with the company starting as a Mechanical Engineer then Engineering Manager and Sales Market Area Manager. He has a diverse mechanical, electrical and process background across many industries including the Pharmaceutical Capper offerings of Genesis Packaging Technologies.