



CPET Advanced User Course

4-day Training

SENTRYSUITE™ SOFTWARE



CPET Advanced User Course

This is an advanced level course designed to teach experienced CPET operators how to create, configure, perform and review high quality CPET using Vyntus™ medical devices and SentrySuite™ software. Participants need to be familiar with basic SentrySuite™ operations and have attended the CPET Fundamentals Training previously available from Jaeger Medical. The participants will be trained to use the latest software version of SentrySuite™ with all measurement devices and its measurement applications. They will gain an in-depth understanding of various types of CPET including additional measurements capable with the Vyntus™ medical devices such as Resting Energy Expenditure (REE), Exercise Flow Volume Loops (EFVL), Eucapnic Voluntary Hyperventilation (EVH), Quality control (BioQC), and High/Low FiO₂ tests. Clinical best practices will be applied as a basis for the collection of high quality CPET. Emphasis will be placed on SentrySuite™ CPET specific settings configuration, administration of high quality CPET, post-test editing of the data including determination of ventilatory thresholds and physiological review. This training will focus heavily on exercise physiology understanding with the help of case studies, measurement applications, customization, and reporting of the data.

Important Note: *This is an advanced software applications course. To be successful in this course, participants are required to have completed a formal training (customer-hosted, live web-based or Jaeger-hosted) learning the SentrySuite™ software and be actively using the software.*

OBJECTIVES

Upon completion of this course, participants should be able to:

- Know advanced exercise physiology principles specific to CPET
- Perform high quality CPET
- Select appropriate CPET settings for optimal testing and reviewing
- Edit CPET data including ventilatory thresholds and slopes
- Review CPET with the help of the Wasserman 9-panels
- Perform additional measurements using Vyntus™ CPX (REE, EFVL, EVH, BioQC and High/low FiO₂)
- Create CPET protocols and templates for testing

COURSE STRUCTURE

The material will be presented to you in multiple ways to meet the diversity of learners participating in the program. There will be a combination of lecture and open discussion, hands-on demonstration, and periodic knowledge checks. Each learner will be required to participate to equipment calibration, test performance, and CPET review as part of the competency evaluation. The training experience typically lasts 8 hours per day and will include two, 15-minute breaks and a 1-hour lunch break.

Course Requirements and Information

PREREQUISITES

- Basic understanding of exercise physiology and CPET
- Basic understanding of the SentrySuite™ software
- Expect four full days of information-filled immersion into device operation
- Proficiency in basic computer skills and navigating within Windows Operating System (OS)

POST-TRAINING REQUIREMENTS

- Complete post-training exam
- Complete post-training electronic survey

AGENDA TOPICS¹

1. Introduction to the instructor, learners, and classroom
2. CPET advance theory
3. Case studies
4. CPET demonstrations
5. Enhanced CPET specific settings/configurations
6. Post-test editing of CPET data
7. Additional measurements performed with Vyntus™ CPX
8. Hands-on skills practice
9. Written Assessment

CONTINUING RESPIRATORY CARE EDUCATION (CRCE) CONTACT HOURS

This course has been approved for 28 contact hours by the American Association for Respiratory Care (AARC)

Complete participation, completion of a written assessment, and post-training survey must be completed to qualify for CRCE contact hours.

Partial contact hours are not available.

FOOTNOTES

1. Sequence of training events are subject to change pending participant experience/progress.


Contact your Sales Consultant for more information about our Service Solutions.

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