General Presentation Syllabus

**Title:** *Treat the Monitor AND the Patient: Clinical Correlation of Monitor*

*Waveforms to Patient Care*

**Intended Audience:** ALS

**Length:** 60-90 minutes

**NCCP Category:** National: Cardiovascular (ACS)

**Brief Description:**

You’ve heard it a thousand times: *“Treat the patient, not the monitor.”* And while there is a nugget of wisdom in that advice, all too often it means, “I’m not really sure what to call that wave, but my patient hasn’t crashed yet.” The truth is, sometimes you *do* treat the monitor, and knowing the significance of subtle waveform morphologies can add a great deal of clarity to the clinical picture, and guide treatment of your patient. Join Kelly Grayson as he shows us how to get the most out of your cardiac monitor, and put those squiggly lines to good use.

**Objectives:**

1. Understand the basics of waveform capnography interpretation

, and how to use the capnograph as an indirect measure of perfusion.

1. Discuss how to use capnography to gauge fluid responsiveness.
2. Discuss the basics components of a plethysmograph waveform, and how to use it as an indirect measure of central hypovolemia.
3. Correlate ECG, plethysmograph, and capnograph findings to patient’s hemodynamic and respiratory status.

**Resources Required:**LCD projector, computer audio, lapel microphone, wireless mouse