

## Stellingen

behorende bij het proefschrift

### Measuring Cardiac Output in the Critically Ill

1. External calibrated arterial pressure waveform analysis-derived cardiac output is more accurate and less dependent on vascular tone compared to the uncalibrated cardiac output measurement in monitoring cardiac output in patients with severe sepsis and septic shock (This thesis)
2. Waveform analysis derived cardiac output underestimates reference cardiac output in patients suffering from septic shock during vasoplegic episodes. (This thesis)
3. In the name of Hypocrites, doctors have invented the most exquisite form of torture ever known to man: survival. Edward Everett Hale
4. The most recent software version of the FloTrac/Vigileo™ system allows sufficiently accurate and precise cardiac output measurements and trending for routine clinical use in normo- and hypodynamic conditions, in the absence of large changes in vascular tone. (This thesis)
5. All good intentions are fraught with disappointment. William Peterson
6. In preparing the differential diagnosis it is very important to remember that common things happen commonly.
7. The tracking capacity of the waveform analysis derived cardiac output of clinical significant cardiac output changes during sepsis does not meet the accuracy demands for clinical use. (This thesis)
8. Waveform analysis derived cardiac output performance has improved with consecutive software versions. (This thesis)
9. The quality of the validation studies investigating the performance of FloTrac/Vigileo™ monitor has increased over time. (This thesis)
10. The central position of the patient within the health care process does not automatically mean that the patient is the first priority.
11. Having long-term bi-lateral agreements (as a hospital) with a health care provider gives a win-win situation for patient, hospital and health care provider.