Reviewer's report

**Title:** Kinetic stability of all-in-one parenteral nutrition admixtures in the presence of high dose Ca2+ additive under clinical application circumstances

**Version:** 1  **Date:** 21 March 2012

**Reviewer:** Klara Hodi

**Reviewer's report:**

This is an interesting paper in which the authors evaluated the kinetic stability of all-in-one nutrition admixtures contained high dose Ca2+. Droplet size distribution and zeta-potential conductivity were measured. The stability and the kinetic of the stability is very important in the case of infusions. It was stated that zeta-potential of the droplets proved the stability of the colloid system, but size-distribution showed disparity within the test mixtures. The bimodality was independent of the Ca2+ content.

The manuscript is well-written and presents useful results on a practically important subject. I have not found anything which I could seriously criticize. I recommend the paper for publication without change.