



DIVISION OF  
CORPORATION FINANCE

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549-4631

Mail Stop 4631

August 5, 2010

Martin J. Landon  
Executive Vice President and Chief Financial Officer  
Kinetic Concepts, Inc.  
8023 Vantage Drive  
San Antonio, Texas 78230

**Re: Kinetic Concepts, Inc.**  
**Form 10-K for Fiscal Year Ended December 31, 2009**  
**File No. 1-9913**

Dear Mr. Landon:

We have completed our review of your Form 10-K and related filings and have no further comments at this time.

If you have any further questions regarding our review of your filings, please direct them to Bret Johnson, Staff Accountant, at (202) 551-3753 or, in his absence, to the undersigned at (202) 551-3768.

Sincerely,

John Cash  
Accounting Branch Chief