



DIVISION OF  
CORPORATION FINANCE

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

September 23, 2010

Roger J. Medel, M.D.  
Chief Executive Officer  
MEDNAX, Inc.  
1301 Concord Terrace  
Sunrise, FL 33323

**Re: MEDNAX, Inc.**  
**Form 10-K for the year ended December 31, 2009**  
**Form 10-Q for the quarterly period ended June 30, 2010**  
**Filed February 25, 2010**  
**File No. 001-12111**

Dear Mr. Medel

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

Sincerely,

Gus Rodriguez  
Accounting Branch Chief