



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