

ROTH CAPITAL PARTNERS, LLC
888 San Clemente Drive
Suite 400
Newport Beach, California 92660

August 5, 2016

VIA EDGAR

Securities and Exchange Commission
100 F Street, N.E.
Washington, D.C. 20549

Re: MRI Interventions, Inc.
Registration Statement on Form S-1
File No. 333-211647
REQUEST FOR ACCELERATION OF
EFFECTIVENESS

Ladies and Gentlemen:

Pursuant to Rule 461 of the General Rules and Regulations of the U.S. Securities and Exchange Commission under the Securities Act of 1933, as amended, ROTH Capital Partners, LLC, as representative of the underwriters, hereby requests acceleration of the effective date of the above-referenced Registration Statement so that it will become effective at 4:01 p.m., Eastern Time, on August 8, 2016, or as soon thereafter as practicable.

Pursuant to Rule 460 under the Securities Act, please be advised that there will be distributed to each underwriter or dealer, who is reasonably anticipated to be invited to participate in the distribution of the security, as many copies of the proposed form of preliminary prospectus as appears to be reasonable to secure adequate distribution of the preliminary prospectus.

The undersigned confirms that it has complied with and will continue to comply with, and it has been informed or will be informed by participating dealers that they have complied with or will comply with, Rule 15c2-8 promulgated under the Securities Exchange Act of 1934, as amended, in connection with the above-referenced issue.

Very truly yours,

ROTH CAPITAL PARTNERS, LLC

By: /s/ Aaron Gurewitz
Name: Aaron Gurewitz
Title: Head of Equity Capital Markets
