



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

DIVISION OF
CORPORATION FINANCE

Mail Stop 3720

February 23, 2017

Joseph H. Capper
Chief Executive Officer
BioTelemetry, Inc.
1000 Cedar Hollow Road
Malvern, PA 19355

**Re: BioTelemetry, Inc.
Registration Statement on Form S-3
Filed February 23, 2017
File No. 333-216189**

Dear Mr. Capper:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact William Mastrianna, Attorney-Adviser, at (202) 551-3778 or me at (202) 551-3810 with any questions.

Sincerely,

/s/ Kathleen Krebs, for

Larry Spigel
Assistant Director
AD Office 11 – Telecommunications