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

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): September 13, 2021

BioSig Technologies, Inc.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-38659
(Commission File Number)

26-4333375
(IRS Employer
Identification No.)

**54 Wilton Road, 2nd Floor
Westport, Connecticut**
(Address of principal executive offices)

06880
(Zip Code)

(203) 409-5444
(Registrant's telephone number, including area code)

N/A
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4 (c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of exchange on which registered</u>
Common Stock, par value \$0.001 per share	BSGM	The NASDAQ Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure.

On September 13, 2021, BioSig Technologies, Inc. (the “Company”) issued a press release, attached hereto as Exhibit 99.1, announcing that the Company intends to install a PURE EP™ System at St. Elizabeth’s Medical Center in Boston, MA. The Company undertakes no obligation to update, supplement or amend the materials attached hereto as Exhibit 99.1.

In accordance with General Instruction B.2 of Form 8-K, the information in this Item 7.01 of this Current Report on Form 8-K, including Exhibit 99.1, shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “*Exchange Act*”), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Exchange Act or the Securities Act of 1933, as amended, except as shall be expressly set forth by reference in such a filing. Furthermore, the furnishing of information under Item 7.01 of this Current Report on Form 8-K is not intended to constitute a determination by the Company that the information contained herein, including the exhibits hereto, is material or that the dissemination of such information is required by Regulation FD.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit Number</u>	<u>Description</u>
99.1	Press Release, dated September 13, 2021 (furnished herewith pursuant to Item 7.01)
104	Cover Page Interactive Data File (formatted as Inline XBRL)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BIOSIG TECHNOLOGIES, INC.

Date: September 13, 2021

By: /s/ Kenneth L. Londoner
Name: Kenneth L. Londoner
Title: Executive Chairman



BioSig Increases Installation Footprint Adding St. Elizabeth's Medical Center to Roster of Premium Medical Institutions Utilizing the PURE EP System

The Company expands into exploration of its novel signal processing technology in physiologic pacing procedures

Westport, CT, September 13, 2021 (GLOBE NEWSWIRE) -- BioSig Technologies, Inc. (Nasdaq: BSGM) ("BioSig" or the "Company"), a medical technology company commercializing an innovative signal processing platform designed to improve signal fidelity and uncover the full range of ECG and intra-cardiac signals, today announced the Company would be installing a PURE EP™ System for evaluation at St. Elizabeth's Medical Center in Boston, MA.

The Company initiated this new evaluation program under the leadership of Michael Orlov, M.D., aiming to assess the PURE EP™ System during a series of physiologic pacing procedures. Physiologic pacing is an emerging pacing technique designed to activate the normal cardiac conduction system and synchronize contraction of the ventricles. This approach to pacing the heart has demonstrated improved clinical and hemodynamic benefits beyond standard pacing techniques.

"We are pleased to grow our clinical presence in Boston and collaborate with Dr. Orlov on this expanded use of the PURE EP™ System. The physiologic pacing procedure could benefit from advanced signal information to optimize lead placement and improve procedural outcomes. We look forward to combining our cardiac signal acquisition technology with advanced pacing therapies to treat more cardiac rhythm disorders," commented Kenneth L. Londoner, Chairman, and CEO of BioSig Technologies, Inc. "This marks our 13th hospital partner, and we remain on track to achieve our 2021 goals of targeted market expansion."

The PURE EP™ is an FDA 510(k) cleared non-invasive class II device that aims to drive procedural efficiency and efficacy in cardiac electrophysiology. To date, over 60 physicians have completed over 1300 patient cases with the PURE EP™ System across twelve clinical sites.

The Company recently completed its first multi-centered, prospective clinical trial and presented preliminary clinical data during the annual Heart Rhythm 2021 convention in July in Boston, MA.

The Company is in a focused commercial launch of the PURE EP™ System in the Northeast, Texas, and Florida and is in regular use in some of the country's leading centers of excellence, including the Mayo Clinic in Rochester, MN, and St. David's Medical Center in Austin, TX.

One in 18 Americans suffers from a cardiac arrhythmia. Atrial fibrillation is the most common arrhythmia type, affecting over 33 million people worldwide, including over 6 million in the U.S. The number of people suffering from atrial fibrillation is expected to reach 8-12 million by 2050¹. According to the Centers for Disease Control and Prevention (CDC), atrial fibrillation causes more than 750,000 hospitalizations in the U.S. each year, resulting in approximately \$6 billion in healthcare spending annually².

About St. Elizabeth's Medical Center

St. Elizabeth's Medical Center, a Boston University Teaching Hospital, offers patients access to some of Boston's most respected physicians and advanced treatments for a full range of medical specialties, including family medicine, cardiovascular care, women and infants' health, cancer care, neurology care, and orthopedics. The 308-bed tertiary care facility is part of Steward Health Care.

About BioSig Technologies

BioSig Technologies is a medical technology company commercializing a proprietary biomedical signal processing platform designed to improve signal fidelity and uncover the full range of ECG and intra-cardiac signals (www.biosig.com).

The Company's first product, PURE EP™ System is a computerized system intended for acquiring, digitizing, amplifying, filtering, measuring and calculating, displaying, recording, and storing electrocardiographic and intracardiac signals for patients undergoing electrophysiology (EP) procedures in an EP laboratory.

¹Top 10 Things You should Know About Heart Rhythm; Scripps Health.

²Managing Atrial Fibrillation; Lisa Eramom MA, Medical Economics Journal, February 25, 2019, Volume 96, Issue 4

Forward-looking Statements

This press release contains “forward-looking statements.” Such statements may be preceded by the words “intends,” “may,” “will,” “plans,” “expects,” “anticipates,” “projects,” “predicts,” “estimates,” “aims,” “believes,” “hopes,” “potential” or similar words. Forward- looking statements are not guarantees of future performance, are based on certain assumptions and are subject to various known and unknown risks and uncertainties, many of which are beyond the Company’s control, and cannot be predicted or quantified and consequently, actual results may differ materially from those expressed or implied by such forward-looking statements. Such risks and uncertainties include, without limitation, risks and uncertainties associated with (i) the geographic, social and economic impact of COVID-19 on our ability to conduct our business and raise capital in the future when needed, (ii) our inability to manufacture our products and product candidates on a commercial scale on our own, or in collaboration with third parties; (iii) difficulties in obtaining financing on commercially reasonable terms; (iv) changes in the size and nature of our competition; (v) loss of one or more key executives or scientists; and (vi) difficulties in securing regulatory approval to market our products and product candidates. More detailed information about the Company and the risk factors that may affect the realization of forward-looking statements is set forth in the Company’s filings with the Securities and Exchange Commission (SEC), including the Company’s Annual Report on Form 10-K and its Quarterly Reports on Form 10-Q. Investors and security holders are urged to read these documents free of charge on the SEC’s website at <http://www.sec.gov>. The Company assumes no obligation to publicly update or revise its forward-looking statements as a result of new information, future events or otherwise.

Contact:

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