

RE: Attend Board Meeting October 18/19

LARRY L. PINSON

Sent: Thursday, July 27, 2017 8:03 AM
To: Brian Williamson [brian@willrockgroup.com]
Cc: Pharmacy Board

Good morning Brian,

Likewise, enjoyed the conversation. I will put you on the agenda for October 19th for our Las Vegas meeting to be held at the Hilton Garden Inn, 7830 S. Las Vegas Blvd., Las Vegas, NV. Probably a 15' presentation would be appropriate, and I will schedule you for 1:30PM (just after lunch).

If you have handouts, please bring 10 copies (there are 7 Board members), and if you have anything you would like me to include in their Board books, please send that to me by September 1st.

Looking forward to meeting you,

Larry

Larry L. Pinson, Pharm.D.
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Nevada State Board of Pharmacy

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From: Brian Williamson [mailto:brian@willrockgroup.com]
Sent: Thursday, July 27, 2017 6:10 AM
To: LARRY L. PINSON
Cc: rduck@proteus.com; ykim@proteus.com
Subject: Attend Board Meeting October 18/19

Mr. Pinson,

Thank you very much for taking the time to visit with me yesterday regarding the Proteus digital sensor offering. This is an important product to help with medication compliance.

We would like to present the product at the October 2017 board meeting in Las Vegas. It sounds like October 19th will likely be the best day? Rob Duck and Yoon Kim with Proteus and I will be attending the meeting. Would you be willing to confirm this date works and the time allotted for the presentation?

Thanks again and please let me know if you need more information. I have copied Rob and Yoona on this email.

Kind Regards,

Brian Williamson, PharmD

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Request

We are requesting an opportunity to present Proteus Digital Health's new digital medicine offering to the board at the October 19th, 2017 meeting in Las Vegas. We believe this product is analogous to "medication adherence packaging" and we would like to determine if language clarification surrounding this activity is needed.

Proteus Overview

Proteus Digital Health is commercializing a new category of therapy: Digital Medicines. These offerings include widely used drugs, formulated, so they communicate when they are swallowed; a wearable patch that detects medicines and captures physiologic response; mobile applications to support patient self-care and physician decision-making; and data analytics to serve the needs of health system managers. Digital Medicines are in commercial use in the United States. Data from both randomized clinical trials and real-world use demonstrate that patients have significantly improved outcomes using Digital Medicines (for example control of blood pressure) and that these results can be sustained.

Proteus Discover pairs prescription medications with a FDA-cleared ingestible sensor made of minerals that exist naturally in the body. When the medication with sensor reaches the patient's stomach, a brief signal is sent to a small wearable sensor patch on the torso, which sends information about the medication and time it was taken to the Discover App on the patient's mobile device. With the patient's consent, it also provides data to their healthcare provider to help inform treatment decisions.

How it works:

- Patients receive a prescription for Proteus Discover.
- Proteus Discover includes medication with sensors, a small wearable sensor patch, a mobile app for the patient and an online portal for the physician.
- When a patient takes their medications that are co-encapsulated with a FDA-cleared tiny ingestible sensor, it sends a brief signal to the wearable sensor patch once it reaches the stomach.
- A comfortable, FDA-cleared patch with a sensor inside records the time a patient swallows each sensor-enabled medicine as well as their heart rate, rest, and activity patterns.
- This information is sent to the Discover App on the patient's mobile device, which displays patient data from the wearable sensor. The information is also automatically shared with the patient's healthcare team in a secure web-based portal to help inform treatment decisions.

Assessment

Medication noncompliance is a significant patient safety and cost issue. The Proteus ingestible sensor is the first digital product cleared by the FDA for directly measuring patient medication adherence. Prescribing physicians are asking pharmacies to combine the sensor with the medication in a capsule to measure the adherence to the medication of interest and make the process easier for patients. The process of combining the sensor with the drug is called co-encapsulation (COE). Since more products like this will follow, it is important to have clear language surrounding this practice so that providers, patients, and caregivers can have access to this technology.