

EBONY DASHIELL-AJE, PHD



Executive Director and Head, Patient Centered Outcomes Science

- Expert in clinical outcome assessment, drug development and patient-centered R&D
- Former Division of Clinical Outcome Assessment at FDA; expert consultant to pharma industry
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“Healthcare decision-makers have acknowledged the need to improve healthcare delivery – and one path forward is through digitization.”

Ebony Dashiell-Aje is a leading expert in clinical outcome assessment design and implementation, digital health technology implementation and data interpretation, and study endpoint issues impacting medical product development and commercialization. She is currently the Executive Director and Head of Patient Centered Outcomes Science in Clinical Development at BioMarin Pharmaceutical Inc.

What inspired you to professionally focus on digital health?

I'm passionate about assessing meaningful aspects of health in a patient-centered way. Digital health technology (DHT) has demonstrated great promise for enhancing measurement precision and helping us understand the patient experience in real-world settings. DHTs help broaden patient access, reduce patient study burden, and increase data efficiency and accuracy. I'm seeing digital health transform discovery medicine, improve endpoint design, and impact adherence and patient care. Such a dynamic field to be in to benefit the lives of patients!

What do you find most interesting/promising about Smart Medicine tools and technologies?

Smart Medicine tools and technologies can transform the future of preventive and diagnostic care. If adopted more widely, they will help facilitate a more timely, holistic picture of patient health status; increasing diagnostic and treatment accuracy and enabling more efficient communication and information exchange (between healthcare providers and with their patients). These tools and technologies will also put information in the hands of patients sooner – allowing for self-monitoring, which can promote behavioral change and adherence.

Why will the healthcare ecosystem embrace Smart Medicines as a digital solution?

Healthcare decision-makers have acknowledged the need to improve healthcare delivery – and one path forward is through digitization. Regulators like FDA have created Centers of Excellence and committees to establish technology standards and oversight, giving companies the ability to confidently develop safe and efficient technology infrastructure and tools. With greater trust in the technology, we will see greater adoption over time and more data to engender confidence in the value of these solutions for patients.