

Improving Research Study Participation

Penn Dermatology partnered with Luma to assist in their ongoing pragmatic study, Light Treatment Effectiveness (LITE), which compares the effectiveness of at-home phototherapy versus in-office for the treatment of psoriasis. With Luma, study participants received regular communication for a higher survey completion rate and more comprehensive study data.

Research participants completed 22.8% more surveys within the first three days with Luma.

“It’s been so nice to have consistency and reliability in our patient responses, knowing every patient is getting the same reminders.”

Brooke E. Hefele,
Lead Coordinator,
University of Pennsylvania Health System:
Dermatology, LITE Study

How Penn Dermatology enhanced the LITE study with Luma:

Missing data can be a roadblock for patient-reported outcome studies like LITE. Penn Dermatology researchers partnered with Luma to ensure their survey results were consistent, as well as:



Automated and Easy

LITE study coordinators found it difficult to get patients to regularly open the study’s app and complete surveys. With Luma, patients received text reminders when a survey was due with a link to the app.



Timely

Each survey expired after seven days, and unfinished surveys impacted the efficacy of the study. Using Luma, participants completed 85.6% of surveys within three days.



Consistent

At each of the 40 research sites, each of the 600+ participants received consistent automated messaging, which reduced missing information.

Outcomes originally presented in Hefele, B., Shin D., Gelfand, J., Baez Vanderbeek, S. Effects of Text Message Reminders on Data Collection in a Pragmatic Study, Presented at Society for Investigative Dermatology Virtual Conference, May 13-16, 2020.

Interested in improving your patient-reported data? Schedule a Luma Health demo today.

