



- The patient gets the latest status of the drug trial.
- They can query any information about the drug trial, these will be FAQs but in a chat format.
- They get reminders for taking medications, filling out patient questionnaires or for scheduled visits to the trial site.
- They can report adverse events, medications and hospitalizations right from the app. These will be recorded with minimal information, during their next trial site visit they can elaborate on this information to their trial physician.
- They can have a asynchronous chat with the trial staff. If there is some emergency, such as a hospitalization or a serious adverse event, the study staff can assist the patient on their study medications and procedures.
- The study staff can send periodic messages to keep the patient motivated and engaged, they can be keep the patient informed of the trial progress and remind them of their contribution to the drug trial.
- Study updates and protocol changes can be directly communicated to the patients.
- Gamification function can be built into the app, including providing points for protocol and medication adherence.

With engaged patients, they are less likely to drop out from the study. With frequent interactions with the study staff, medication and protocol adherence increases. They are more likely to have a positive impression of Pharma company running the drug trial. They are also more likely to recommend the study to other patients who suffer from the disease.