

# PEPPER CAPABILITIES TO ADDRESS CLINICAL TRIAL CHALLENGES

Kayentis' "Clinical Trials of the Future" program addresses global challenges on how to improve quality, safety, and efficiency for clinical trials in the future.

Here are some opportunities to use Pepper during on-site visits or at the patient's home.



## DURING ON-SITE VISITS, PEPPER WILL:

- accompany the subject during his/her visit
- scan the drug barcode
- allow data entry via its tablet interface and/or voice recording
- provide the patient's pre-entered data to the investigator
- display/explain the eICF to the patient in an interactive manner
- provide a gateway for medical devices and provide tutorials on their use
- provide encouragement to the patient
- stay with the patient during site visits and entertain him/her (e.g. gamification for pediatric studies)



## AT THE PATIENT'S HOME, PEPPER WILL:

- allow data entry via its tablet interface and/or voice recording
- provide empathy/read emotions, and adapt its behavior according to the patient's mood
- remind the patient to:
  - fill in his/her diary
  - take his/her treatment
  - attend upcoming visits
  - scan the drug barcode
- ask the patient about adverse events (e.g. stomach ache, migraine) and launch the relevant safety alerts
- provide a gateway for medical devices and provide tutorials on their use
- ensure that treatments are taken correctly
- connect to local hospital services and emergency assistance resources as necessary
- provide telemedicine or teleassistance
- provide encouragement and motivation to the patient
- entertain the patient and/or help him/her with homework



*Do you have any thoughts that you'd like to share regarding these functionalities or any others that Pepper could bring to clinical trials?*

*Feel free to interact with us via LinkedIn or our Website! *

NOTE: Pepper is a robot designed and manufactured by SoftBank Robotics to provide assistance in daily activities



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