

Project	What's the product?	What's the problem?	Comments / questions to the team
HEALD	A diagnostic and monitoring tool HE to be used at home.	HE is difficult to assess in liver disease patients.	<p>What exactly is the solution? How does it work? Is it just an app or is there a device associated with it?</p> <p>How big is the market?</p> <p>How will you sell your solution?</p>
HEALD	A device and app to measure the risk of developing hepatic encephalopathy, to allow proper outpatient management and avoid preventable HE cases.	HE is preventable, but still millions of people get hospitalized every year for it.	How will you know if it works on patients that have PD, or delayed dyskinesias? other types of encephalopathies?
HEALD		-Detection of	<p>-clinical problem is well stated</p> <p>-would like to see the product definition be explained earlier in the presentation</p> <p>-What is the outcome/target the ML algorithm is trying to detect?</p> <p>-would like to see further explanation how the solution can be integrated into the entire patient flow.</p> <p>-how it can potentially improve KPI's of the hospital</p> <p>-FDA approval?</p>
HEALD	An at-home diagnostic tool to detect cirrhosis-related HE at an early stage	<p>HE requires testing to detect</p> <p>Lack of adherence for medication for HE due to side effects</p> <p>Symptoms are hard to identify and when they are, it seems the disease is at a lat stage</p>	<p>How big is this market?</p> <p>Which one is this business model?</p> <p>How do you plan to set the protocol for clinicians to take actions based on the data?</p> <p>How do you differentiate cirrhosis-related HE from other diseases with similar symptoms?</p>

		delayed treatment can result in irreversible cognitive decline	
HEALD	App to track cirrhosis patient cognitive function to monitor decline and identify before significant treatment is needed because of progression	People with cirrhosis have cognitive issues based on toxins and they often have trouble identifying that they are getting increasing symptoms before they become severe and significant intervention is needed.	Who do you see paying for this down the road? Hospitals? Is it useful in clinical trials for liver disease treatments? Insurance? Benefit? Would these same tests also be helpful for other cognitive tracking and decline?
HEALD	Device to diagnostic and monitoring hepatic encephalopathy for an early detection of HEALD patients What is the added value of the APP?	Difficulty to know when you are confused. Compliance of usage by patient	Is the APP connected to a central support team
HEALD	App to combining multiple inputs to alert onset of HE	Detecting early stages of hepatic encephalopathy is difficult	Are there any other competitors in the space? What algorithms are you using to provide reliable score? What testing have you performed?
HEALD	HE diagnostic and monitoring tool of patient cognitive functionality at home	Detection of HE is very difficult to identify. Usually when you mention it, the patient is already far down the disease path.	Very good presentation, clear concise and understandable. How are you differentiating between other effects are related to HE If this is for early detection, how will a physician know when to offer this to a patient?
HEALD	Diagnostic and monitoring tool for HE patients	HE patients symptoms are not properly detected and when they are it is usual already at a very late stage that implies hospitalizations and intensive care	Team? Who will developed this? Partnerships? Patient adherence to this new technology
HEALD	Tool for tracking clinical changes for pts with HE to reduce readmissions and keeps pts in home	Increased 30 day readmissions	What is the prognosis/ expected life span for pts with ESRD. How does using the tool keeps pts out of the hospital? What tx would be done ...just medication? You

			are a 1st year resident that is wonderful that makes me even more interested in this project.
HEALD	An patient centered application for early detection of hepatic encephalopathy	Delayed recognition of HE leads to avoidable hospital admissions and morbidity.	Compliance with use of mobile apps is related to response burden and patient motivation. What strategies have you developed to promote patient use of the device? Have you considered passive monitoring that does not require patient response such as changes in activity measured by accelerometer and GPS data, passive monitoring of voice, etc.
HEALD	tool to monitor for HE (does it also do the intervention?)	reduce hospitalization rate for HE	Not sure why an app is the solution Not sure what the app actually does - what information is collected, what is reported, who and how is it acted on? What will your early markers of success be? (a prospective trial for things like reduced mortality is not the starting point.) Explaining a specific use case (and contrasting it with the current approach) would help.
HEALD	an app for diagnosis and monitoring of HE	HE causes high cost and high morbidity and mortality	
HEALD	Digital Diagnostic to diagnose, track and manage HE progression	HE	- Did you say this impact's 6k people? - Are you actually doing the diagnosis? - Adherence to digital intervention?
HEALD	tool to standardized outpatient measurements and outcomes for HE, thereby keeping people out of hospital and to have better outcomes	Currently the tools used now are not multifaceted. lack of early detection of HE	clear and concise
HEALD	App to monitor HE and detect early symptoms of HE	HE is a side-effect clinical condition of patients suffering from cirrhosis	- Need to explain better why the intervention is not used on everyone at risk as a prevention method

			- Do you envision this for patients on compensated or uncompensated cirrhosis? or Both?
HEALD	A diagnostic and monitoring tool for Hepatic Encephalopathy. It is designed for everyday, used at home, through multimodal inputs	Cirrhosis has several mental complications associated. The diagnosis of those is complicated and normally the disease is detected when it is too late to find a solution. The trick HEALD offers is to be able to track the disease at very early stages.	How the multimodal inputs that the system records do differentiate this disease from other mental disorders?
HEALD	At home App diagnostic for HE	Understanding when someone has HE early in the development.	I love the graph showing the stages of disease. Would be great to add in where the drug is most helpful. Why not just give the patients the drug if they are even at risk of HE? How else is this possible to achieve at home? Is there IP that would protect you from competition?
HEALD	An app that integrates multiple cognitive and locomotor inputs to monitor and predict risk for HE	Overt (early stages) of HE are often missed	How do you know that this will work? Have you tested the individual components? What training data will you use? What population gets HE and will this work for them (do they use smart phones)?
HEALD	Hepatic Encephalopathy App for Liver Disease	Hepatic Encephalopathy is problematic because liver disease affects cognitive function. Consequently, it is important to detect early in disease and monitor the condition	Could a similar app be useful for patients with dementia, perhaps early stages or other types of confusion.

HEALD	An app for patients to improve HE outcomes	HE is difficult to predict and symptoms are difficult to monitor via conventional methods, leading to many hospitalizations, decrease in quality of life, and mortality	Is this an active or passive monitoring device, and if the former, how do you ensure compliance? The presentation started very strong; details at the end were a bit weaker.
HEALD	App (as monitoring tool)	hard to recognize cognitive decline	clinical study: how would you approach the comparison study (your solution to standard of care), how long would the study be?
HEALD	sensor integrated app		how will you calibrate your sensors and app performance with respect to the performance
HEALD	an app to monitor hepatic encephalopathy at home	Difficulty in monitoring hepatic encephalopathy before requiring hospitalization	Such a great tool! Would family members be expected to help patients and make sure they do it. Perhaps if a patient forgets to do it then a family member can be texted. Forgetting to do it might be a symptom of hepatic encephalopathy that caregivers might need to know. Or the results can be sent to caregivers or family members.
HEALD	Signal Monitoring for people with cirrosis.	People that develop liver disease are undermonitored and when they come to a certain stage, their lives are at risk and its difficult for them to ask for help, because of the symptoms	
HEALD	app for tracking HE		How does the progression of HE map against hepatic decline? How many pts and at what stages of disease? Why aren't patients treated prophylactically? Can you partner with a company that makes the treatment to do your PoC?
HEALD	A diagnostic and monitoring tool that is app-based for patient/consumer use	Liver dysfunction (hepatic encephalopathy) causes Neuro cognitive problems and other physiologic issues; needs to be detected early in order to reverse	How would patients know when to start the program? Who is the target audience? How does one know he/she is susceptible? Are there any similar efforts that would be potentially competitive? How does the app work? What data are tracked? What does it look like? Do biomarkers

		symptoms; current diagnostic and monitoring tools inadequate	exist. What does a patient journey look like today and how would it change?
HEALD	app based tool for detecting HE at home	lack of tools for outpatient detection/monitoring of HE early	Who do you envision to be your key customer (i.e. who will be paying for the tool) --> is it a hospital system or patient insurance?
HEALD	Device who monitoring hepatic encephalopathy	Mortality, bad quality health and spend days in the hospital	
HEALD	Diagnostic and monitoring tool for hepatic encephalopathy	Cirrhosis (dependence) and hepatic encephalopathy	Nice presentation
HEALD	A device to detect hepatic encephalopathy at early stages	the difficulty to detect and monitor HE at early stages	How invasive is this tool?
HEALD	Diagnostic and monitoring tool for hepatic encephalopathy.	Limited diagnostic tech.	
HEALD	hepatic encephalopathy - a diagnostic	hard to monitor HE	I know goal - but do not know product
HEALD	An App. Liver disease. Monitoring the brain affectation	Cirrhosis that affects the brain	How you define the parameters? Will be available for free? Business model?