



NEO HEALTH

A complete medical ecosystem
powered by NEO blockchain technology

Why NEO Health?

SUNDAY EXPRESS

How drug mix-up that killed 3 babies happened

Trail of human errors reveals fragile system that is 'depressingly normal'

Thalidomide 'caused up to 10,000 miscarriages and infant deaths in UK'

Former head of the Thalidomide Trust says many mothers would not have known drug was the cause of miscarriage or stillbirth



▲ A thalidomide survivor in therapy at Chailey Heritage in East Sussex. Photograph: Jane Bown

The **thalidomide** scandal may have led to 10,000 miscarriages, stillbirths and infant deaths in Britain, according to the former director of the trust that oversees payments to hundreds of people disabled by the drug taken by their

Information when you need it the most!

Statins may 'do more harm than good': Experts say **MILLIONS** should not be taking them

MILLIONS of healthy Britons are needlessly taking statins every day, a major review suggests. Experts last night raised concerns that those using the cholesterol-busting drugs see next to no benefit.

Over 1300 Deaths in Mediator Scandal



health experts now believe that the drug known as Mediator, developed for treating overweight diabetics, could have killed between 500 and 2,000 people before it was finally banned.



- According to a 2015 report from the World Health Organization, there are at least 400 million people around the world that do not have access to essential health services
- 9 of the 10 countries with the worst healthcare systems are located in Africa
- Nigeria is the most populous country in Africa (~200 million) and is ranked the 5th worst healthcare system in the world according to the World Health Organization

Limited access to healthcare



Poor quality of healthcare

- Many healthcare providers do not practice evidence-based medicine because they do not have access to current medical guidelines or do not subscribe to digital health libraries
- Many patients receive medications that are ineffective, outdated, contraindicated with existing chronic medical problems, or have interactions with other medications they are taking
- Many hospitals don't have electronic medical records, and health data stored on paper records is often lost resulting in inappropriate and more expensive medical care

- NEO Health is a joint venture between PeerAtlas and iScientia to build the world's most advanced electronic medical record with integrated clinical decision support
- iScientia (www.iscientia.com) was founded over 20 years ago and specializes in creating and maintaining evidence-based guidelines to assist healthcare providers in decision making at the point-of-care
- iScientia products are currently used in Belgium and France
- PeerAtlas was founded in 2011 with the goal of making high-quality medical information completely free





- NEO Health will improve quality and access to healthcare around the world, beginning with countries that we feel will benefit most from our product
- Our immediate goal is to introduce the NEO Health electronic medical record (EMR) to several hospitals in Nigeria and Cameroon by mid-2019, primarily where paper records are still used, and quickly expand into other developing countries
- Our long-term goal is to introduce the NEO Health EMR to Europe and North America because it will offer several advantages over current industry-leading EMRs such as Epic and Cerner

Our solution



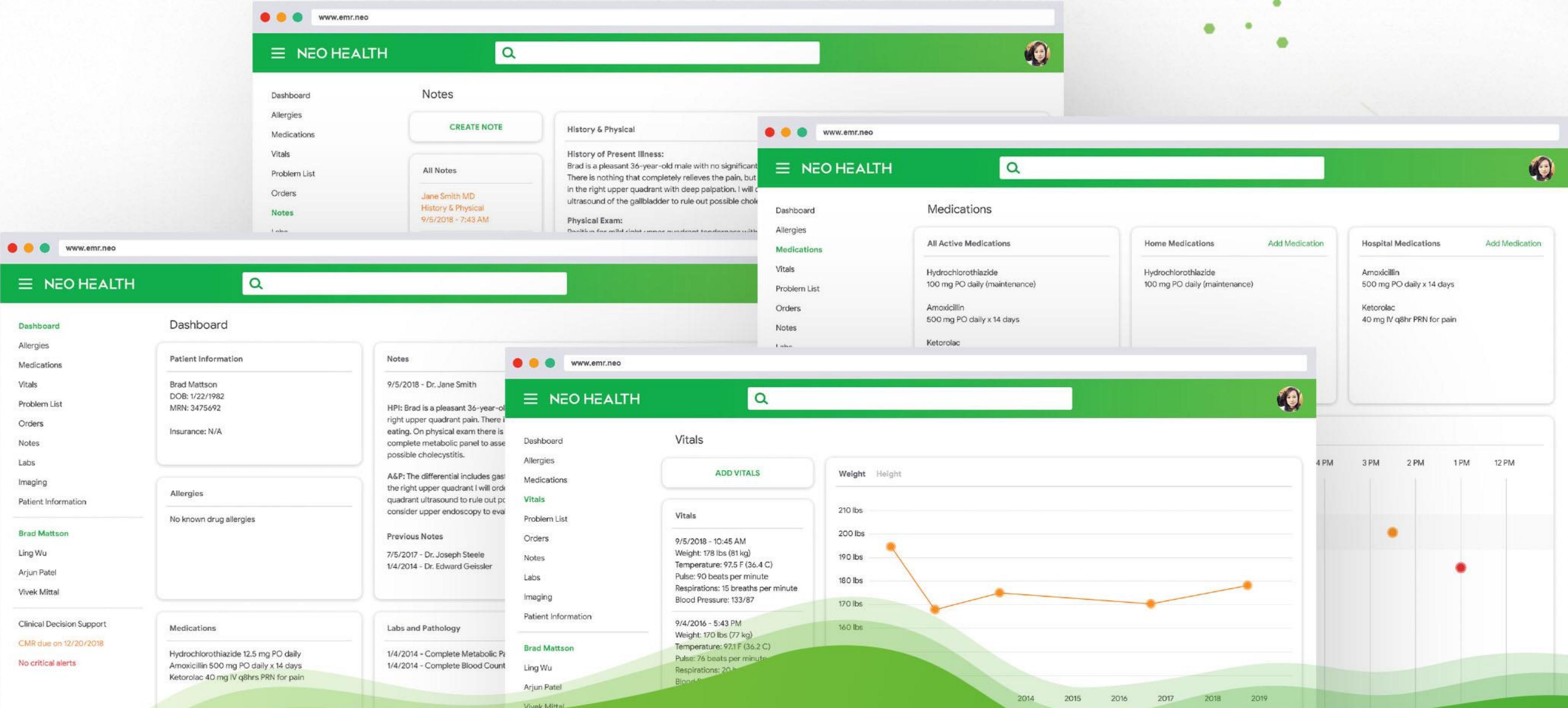
- Up-to-date, government-validated, evidence-based guidelines and digital health library available directly through the EMR
- Automated screening of a patient's medication list for drug interactions or contraindications
- Secure storage of digital health data which can be easily transferred between hospitals and physicians with the approval of the patient
- Improved classification of health data which is valuable for research – NEO Health patients may choose to sell their own anonymized data to researchers

Advantages of the neo health EMR



- Highly customizable user interface designed to improve efficiency of healthcare providers while decreasing medical errors
- No special onsite software requirements – only a modern web browser is needed
- API access for third party development of applications

Advantages of the neo health EMR



The image displays a composite screenshot of the NEO HEALTH EMR system, featuring multiple windows and a central timeline graph.

Top Left Window (Notes):

- Header: NEO HEALTH
- Left sidebar: Dashboard, Allergies, Medications, Vitals, Problem List, Orders, Notes (highlighted in green).
- Center: CREATE NOTE button.
- Right: History & Physical section showing notes from Jane Smith MD, History & Physical on 9/5/2018 at 7:43 AM.

Top Middle Window (History & Physical):

- Header: NEO HEALTH
- Content: History of Present Illness: Brad is a pleasant 36-year-old male with no significant past medical history. There is nothing that completely relieves the pain, but it is worse in the right upper quadrant with deep palpation. I will order an ultrasound of the gallbladder to rule out possible cholecystitis.
- Physical Exam: Brad is a pleasant 36-year-old male with no significant past medical history. There is nothing that completely relieves the pain, but it is worse in the right upper quadrant with deep palpation. I will order an ultrasound of the gallbladder to rule out possible cholecystitis.

Top Right Window (Medications):

- Header: NEO HEALTH
- Left sidebar: Dashboard, Allergies, Medications (highlighted in green), Vitals, Problem List, Orders, Notes.
- Center: All Active Medications section showing Hydrochlorothiazide 100 mg PO daily (maintenance), Amoxicillin 500 mg PO daily x 14 days, and Ketorolac.
- Right: Home Medications and Hospital Medications sections.

Bottom Left Window (Dashboard):

- Header: NEO HEALTH
- Left sidebar: Dashboard (highlighted in green), Allergies, Medications, Vitals, Problem List, Orders, Notes, Labs, Imaging, Patient Information.
- Center: Patient Information (Brad Mattson, DOB: 1/22/1982, MRN: 3475692), Notes (9/5/2018 - Dr. Jane Smith), Allergies (No known drug allergies), and Medications (Hydrochlorothiazide 12.5 mg PO daily, Amoxicillin 500 mg PO daily x 14 days, Ketorolac 40 mg IV q8hr PRN for pain).

Bottom Middle Window (Vitals):

- Header: NEO HEALTH
- Left sidebar: Dashboard, Allergies, Medications, Vitals (highlighted in green), Problem List, Orders, Notes, Labs, Imaging, Patient Information.
- Center: Vitals section showing a graph of weight and height from 2014 to 2019. The graph shows a general upward trend in weight, starting around 170 lbs in 2014 and reaching approximately 180 lbs in 2019.

Building World's greatest EMR with built-in clinical decision support.





Why Blockchain?

- Data on blockchain is immutable, therefore, blockchain can be used to store:
 - Government-validated, evidence-based guidelines
 - Patient-to-doctor transaction histories to ensure fair pricing for health services
 - Results of clinical trials to prevent manipulation of results
 - Patient identities to protect privacy and allow secure transfer of health data
 - RFID data to track pharmaceutical supply chains and prevent the use of fraudulent medications



- Patient-to-physician payments
- Reward system for token holders who volunteer to help patients pay medical bills if they cannot afford to pay – token easily crosses borders
- Payment for updating evidence-based guidelines
- Redeeming continuing medical education (CME) credits which are earned by using the digital health library
- Incentives for physicians who practice evidence-based medicine
- Incentives for improved patient outcomes
- Incentives for patients to record their own health data outside of the hospital setting

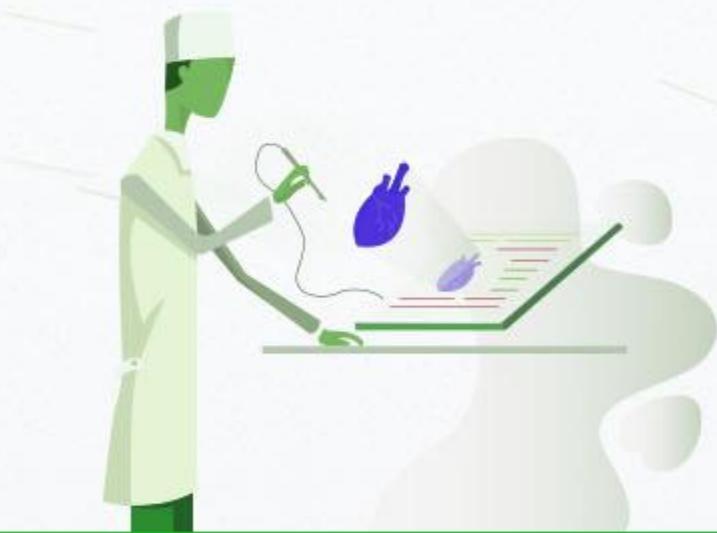
Why a Token?

- The NEO Health EMR will be completely free for hospitals and physicians to use
- NEO Health will receive a small transaction fee from every patient-to-doctor payment
- NEO Health will receive a percentage of researcher-to-patient payments for the use of their personal health data
- NEO Health may charge a very small yearly fee to patients, and in return these patients may request help from token holders if they cannot afford to pay their bill

Profitability



- NEO Health will improve quality of healthcare by combining the world's most advanced electronic medical record with proven clinical decision support software from iScientia and incentivizing physicians to practice evidence-based medicine
- NEO Health hopes to improve access to healthcare by offering rewards to token holders who volunteer to help patients pay bills
- Please visit our website at **www.neohealth.io** for more information



Conclusion