Sunshine

Decentralized Skin Cancer ML Analysis DApp

One liner - pager

Sunshine - self monitoring skin cancer Dapp that supports individuals, GPs and Outpatients clinics make evidence validated decisions.

Agenda

Problems to solve

How we going to solve

How get it used & Paid

Summary

Problem to solve

28% visits GP to do with skin

Huge demand (insert chart) low capacity

Most referrals not necessary (creates waiting lists those need most have to wait)

Incentive to self monitor (start those secondary risk & QS-ers)

Snap shot ML to real time monitoring

How going to solve

Self monitoring

Snap Shot summary for GP

New incentive and testing of accuracy of GP

Evidence Analytics supported decision making

Federated ML / AI providing holistic overview

Computation and data secure by blockchain

Case study example

Self monitoring worry

GP referral to outpatient clinic (using snap short analysis, permissioned data flow)

ML as a services combined with self monitoring

Decision surergy or drugs (wider quality of life/ mental health support, depth of education, simple language to scientific papers)

Continues outcome updates

Incentive to self monitor better

Workflow - tech - incentives

DEMO

How get used and paid

People at high risk, risk secondary, living well

GP, access to web browsers, then blockchain node (incentive money and independent reputation)

Outpatients - reduced patient flow, get to individuals needing quick treatment

Introduce crypto-economics

Dapp take fee on use of ML/analytics use

Summary

Refocus incentive mechanism of skin care

Reward accurate decision making

Guarantee security

Empower individuals to self monitor