



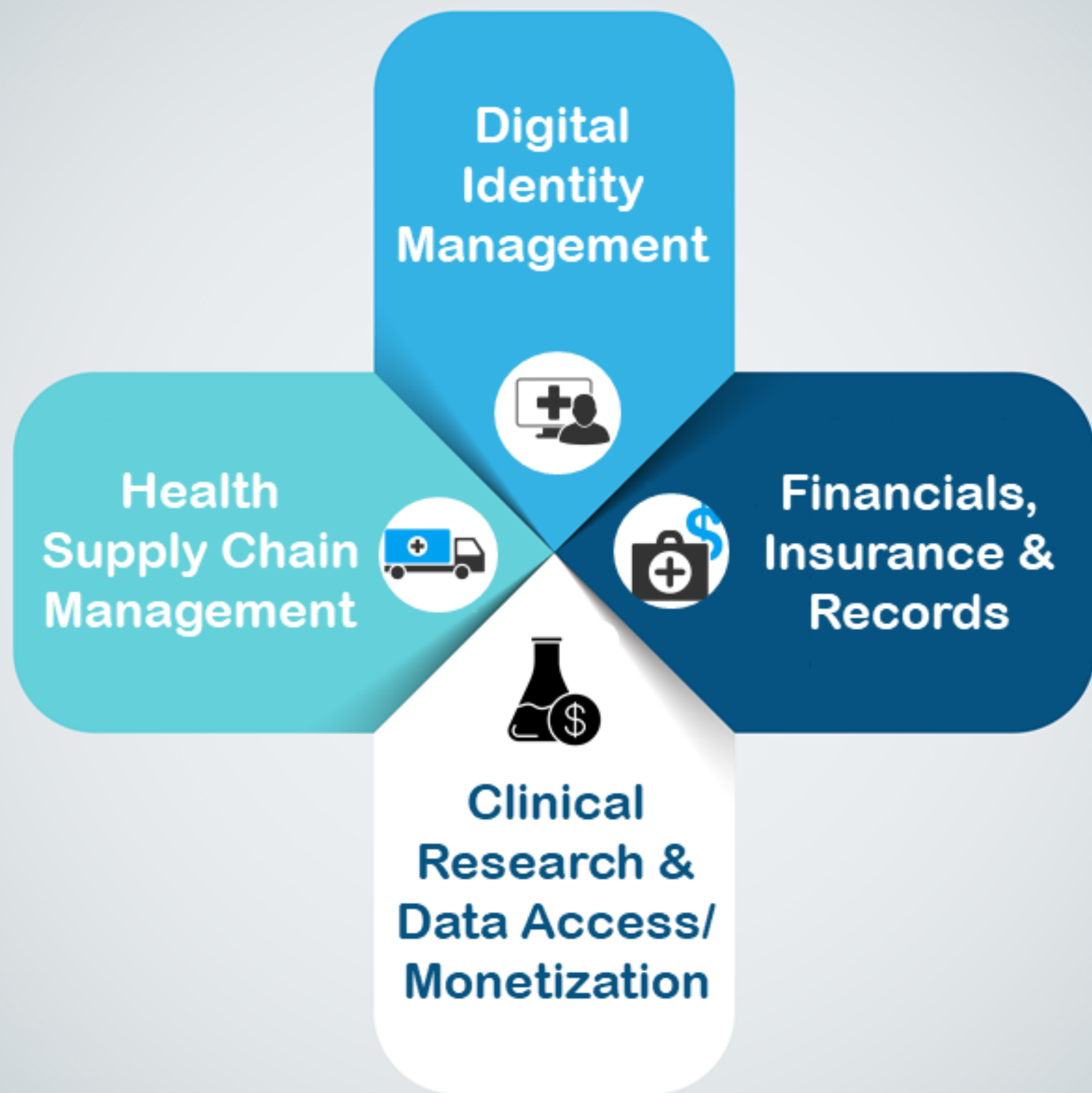
Blockchain Use Cases in Healthcare

HYPERLEDGER COLUMBIA MEETUP

JULY 16, 2019



Has anyone started or is planning to start an effort to pilot/POC using blockchain?

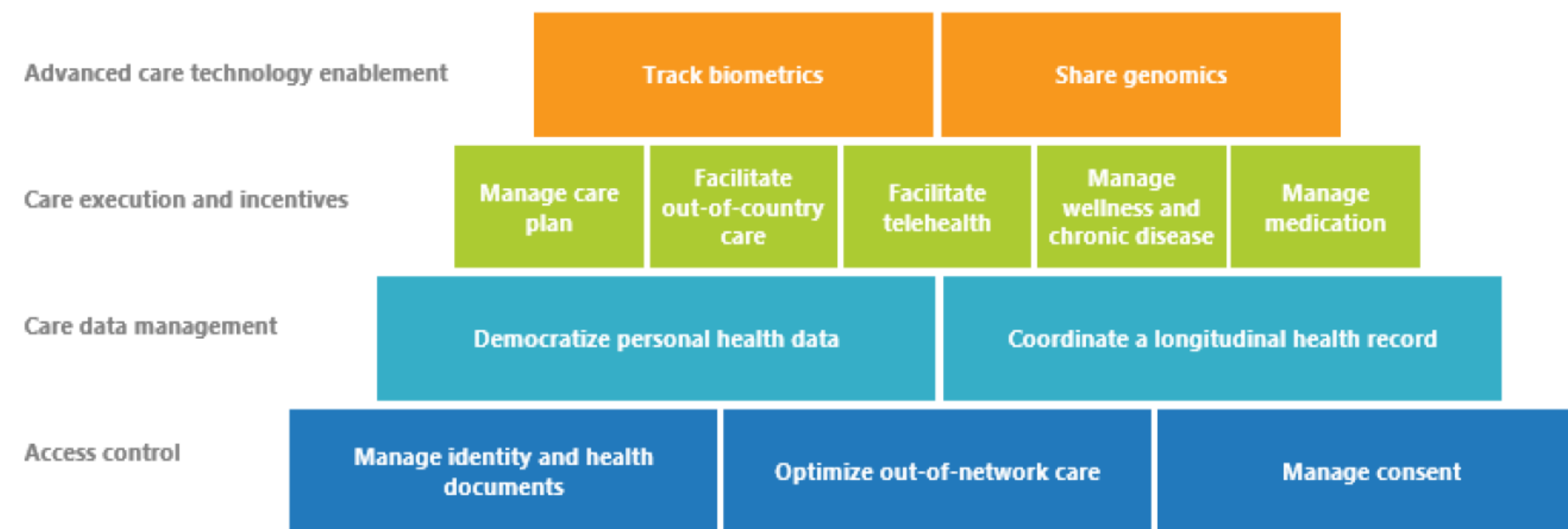


Blockchain Use Case Categories in Healthcare

Use Cases in HealthCare

Blockchain healthcare use cases are being discovered by the day, and with them the entire healthcare system can be completely overhauled.

12 Prospective Blockchain Use Cases for Payer Care Management



Source: IDC, 2018

Care Management Use Cases

There are use cases from Healthcare Payers and Provider that can benefit from blockchain technology

Provider Data Management

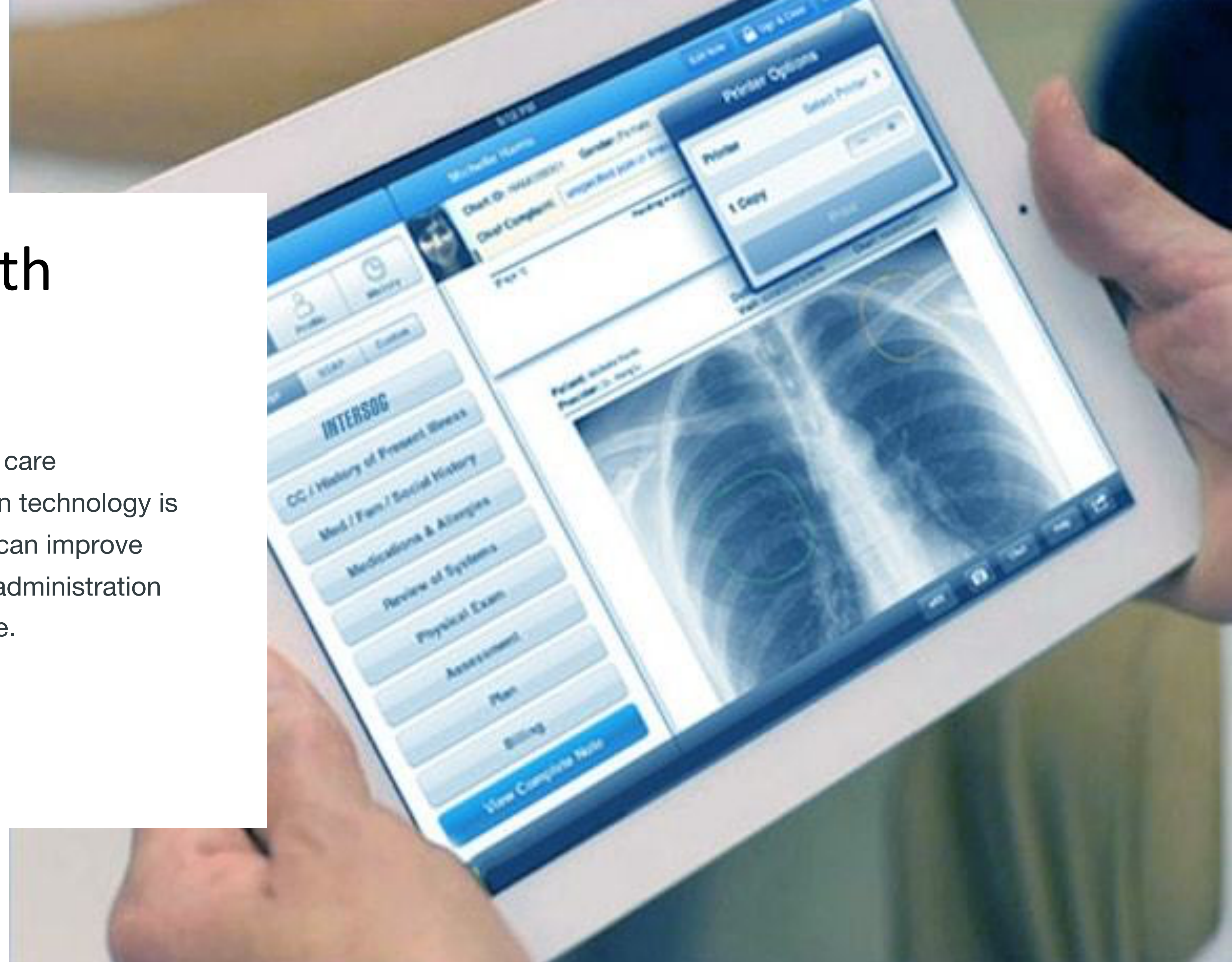
Optum and UnitedHealthcare

Pilot program applying blockchain technology to improve data quality and reduce administrative costs associated with changes to health care provider demographic data, a critical, complex and difficult issue facing organizations across the health care system.



Sharing health record

Sharing data across health care organizations on blockchain technology is a significant use case that can improve data accuracy, streamline administration and improve access to care.



Out of Network Claims

"Parametric insurance" coverage is typically used in property insurance for difficult-to-insure risks; this concept is beginning to leak into health insurance.

Vitana product pilot offers gestational diabetes insurance to expecting mothers in Singapore.



Drug Traceability

The main characteristic of blockchain technology that is useful in drug traceability is security. Each new transaction added to a block is immutable and timestamped, making it easy to track a product and make sure the information cannot be altered.

BLOCKCHAIN FOR DRUG TRACEABILITY



Manage Consent

Allow for more tailored consent provisions and ensure that requests for information withholding are properly recorded and available. In addition, patients can add consent statements at any point in their care journey.



Out of Country Care

CareX is a blockchain platform with a token currency (CARE) to be used on the Ethereum network for the purchase and sale of healthcare services.

CARE tokens help facilitate medical tourism by changing the paradigm of healthcare payment.



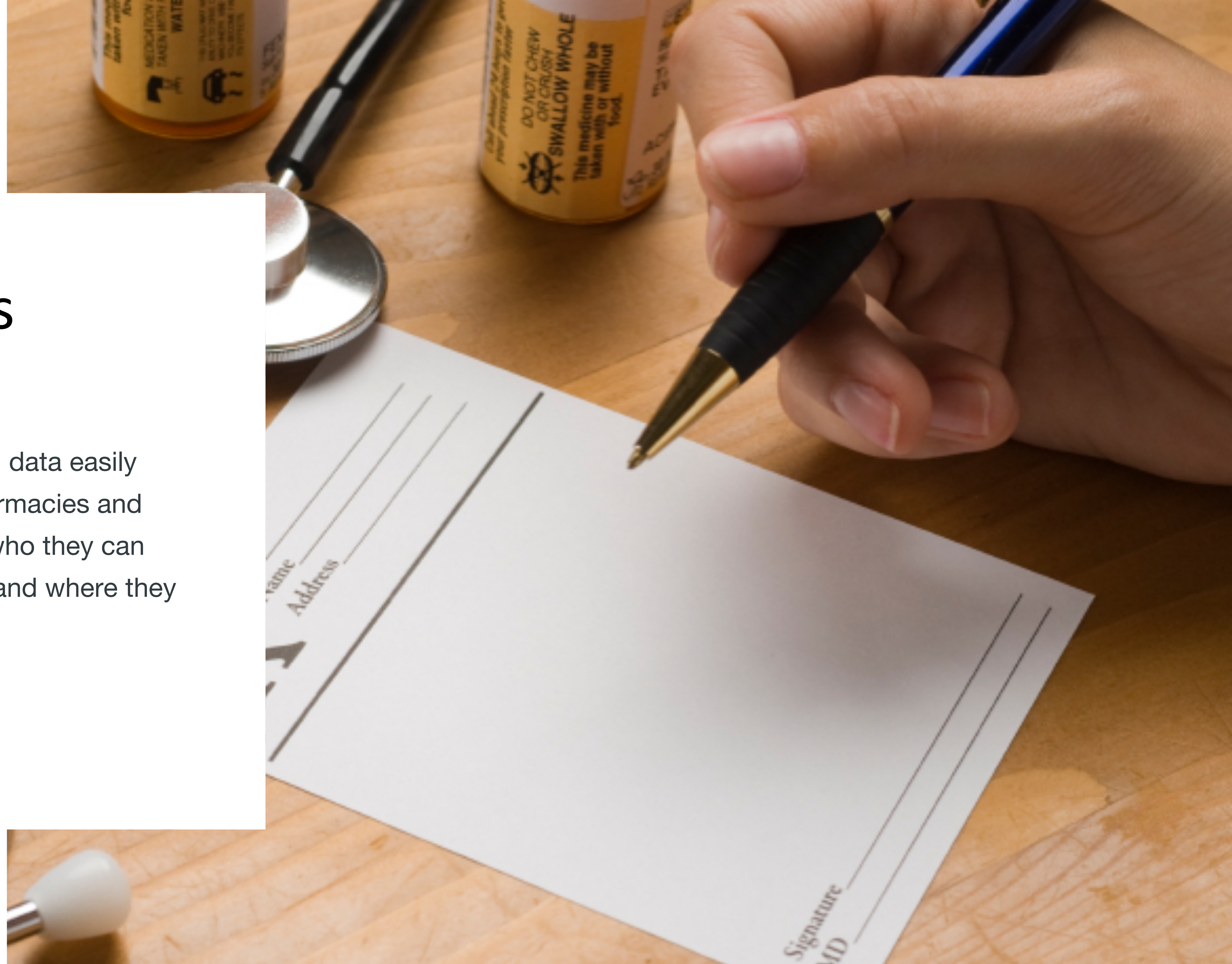


Tracking Clinical Trials

Good clinical practice requires as much transparency as possible regarding where and when data was entered, and by whom—as well as other information such as who has permission to access what data. Audit trails provide this insight, and blockchain can take it to the next level by improving privacy, security, and transparency.

Prescriptions

Ability to make prescription data easily accessible to patients, pharmacies and giving patients control on who they can share the information with and where they can get the service.



The image features a network diagram background with blue nodes and lines. In the top left, there is a logo consisting of red and teal rectangular blocks. In the center, the word "BLOCKCHAIN" is written in white inside a light blue rounded rectangle. Below it, the word "joget" is written in a dark green, lowercase, sans-serif font. The word "HYPERLEDGER" is in black, uppercase, sans-serif font, and "FABRIC" is in red, uppercase, sans-serif font, both positioned above the "joget" logo.

HYPERLEDGER FABRIC

BLOCKCHAIN

joget

<https://blog.joget.org/2019/01/blockchain-made-simple-no-code-apps.html>

Blockchain Made Simple No-Code Apps with Hyperledger Fabric and Joget **Its easier than you think**

A number of companies have already started exploring, piloting and experimenting blockchain use cases.

We as part of the Hyperledger HealthCare Payer SIG are inviting any organization that wants to start a pilot / POC. Payer SIG will help support the POC.



THANK YOU

Consider joining HealthCare Payer SIG

Meets every other Tuesdays from
3:00 PM to 4:00 PM