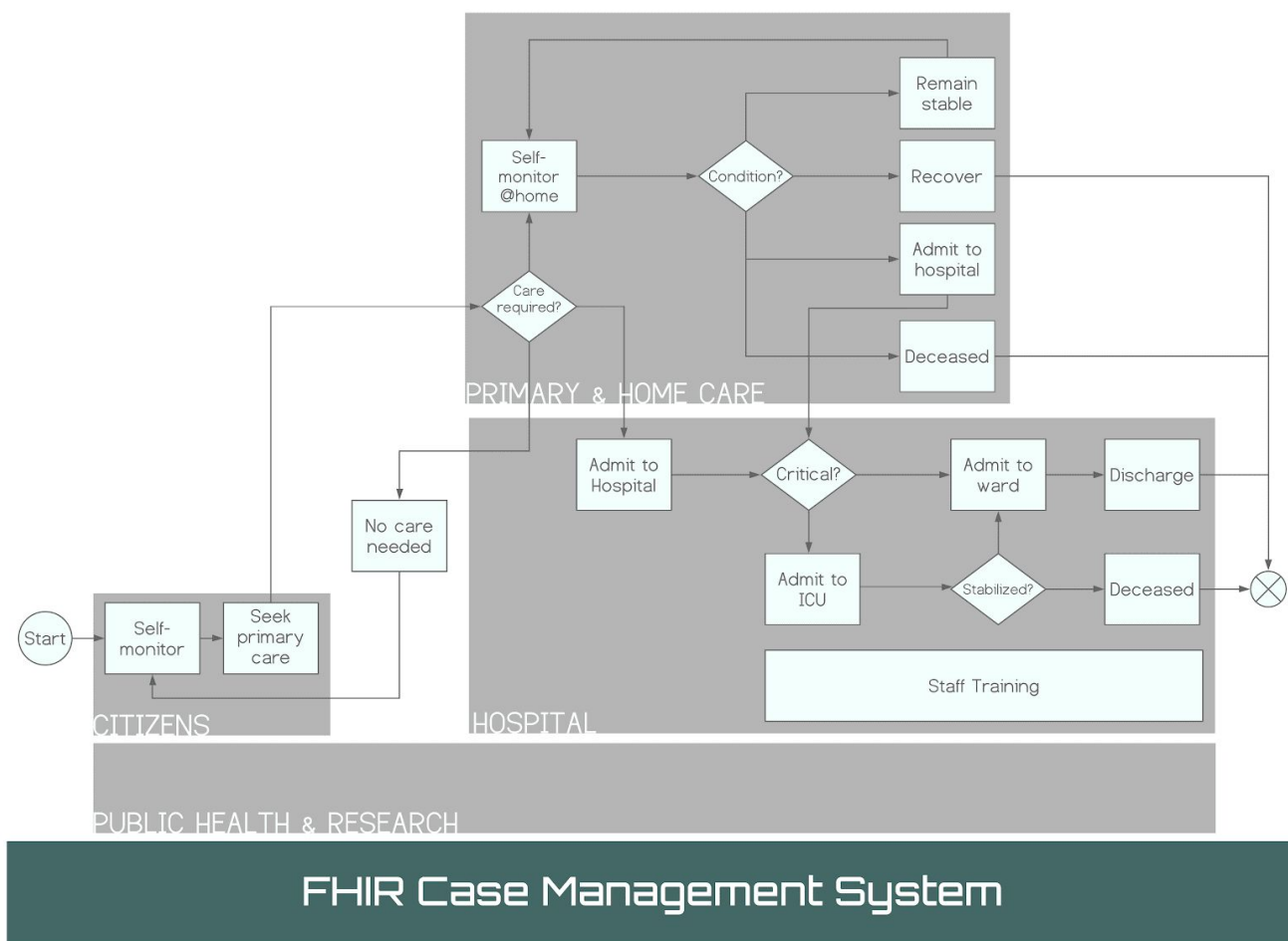


Scaling the Pandemic Response with FHIR

Governments and health sectors all over the world need flexible, scalable solutions for dealing with future pandemics. In response to this, Smile CDR is donating an open-source case management system (CMS) as a flexible, scalable platform based on HAPI FHIR. We are seeking a clinical community to guide us by providing real-world problems and subject-matter expertise to our volunteer developers.



The HL7 FHIR open standard is the universal language for healthcare data. It allows different IT systems to communicate, and accelerates the advancement of real-world endeavours like health research, patient portals, and clinical care. Smile CDR maintains the world's leading open-source implementation of the standard, called HAPI FHIR.

Applications built upon FHIR can inter-operate, sourcing data from a wide variety of contexts: private citizens, primary care, home and hospital. A common CMS platform can help track longitudinal patient data, enabling more powerful investigations and predictions for decision making.

About FHIR

[FHIR – Fast Healthcare Interoperability Resources](#) is the next-generation health informatics framework created by HL7.

With the FHIR standard, development of interoperable apps is made faster through the use of a common data model. It is suitable for use in a wide variety of contexts – mobile phone apps, cloud communications, EHR-based data sharing, server communication in large institutional healthcare providers, and much more.

The HAPI FHIR library is an open source implementation of the HL7 FHIR specification for Java under the Apache Software License 2.0, created by Smile CDR co-founder James Agnew. It has a highly active community of developers around the world.

CMS Benefits

1. Free, open-source platform made for developers
2. Flexible, shared data model for interoperability across applications
3. Scalable from small to large implementations
4. Fast adoption of FHIR by design
5. Data for individual pandemic cases from start to finish

Smile CDR & Getting started

Our mission is to make it easy for health organizations of all sizes to deliver interoperable applications quickly. Our commercial product is Smile CDR, an added layer to HAPI FHIR that accelerates setting up FHIR for large organizations. We also continue to promote open-source initiatives in health informatics in pursuit of **#BetterGlobalHealth**.

For more information on our response to the pandemic, send an email to vanessa@smilecdr.com. We look forward to collaborating with you.