What Does HL7 FHIR Mean for Patient Care?

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It means ... more options

- More options = better ideas in the marketplace from more diverse minds
- Lower barrier of entry for developers
- Faster translation of clinical research to the bedside

https://gallery.smarthealthit.org
It means ... an integrated workflow

- Saves time
- Increases provider satisfaction
- Ensures the right patient context
- Better uptake of CDS tools
It means ... empowered patients

- **MU3 Final Rule**, Patient API requirement: “From the patient perspective, an API enabled by a provider will empower the patient to receive information from their provider in the manner that is most valuable to the patient.”

- “Providers may not prohibit patients from using any application, including third-party applications, which meet the technical specifications of the API, including the security requirements of the API.”
It means ... *empowered patients*

- Patient-centric apps only require the user’s patient portal credentials to access their data.
- Standalone apps (distributed through app stores) or web apps integrated into patient portal.
It means ... *contributions to science*

Helping patients share EHR data with research

**Sync for Science**™

**Who is S4S?**
S4S is a collaboration among researchers (Harvard Medical School Department of Biomedical Informatics), electronic health record vendors (Allscripts, athenahealth, Cerner, drchrono, eClinicalWorks, Epic, McKesson), and the United States federal government (Office of the National Coordinator for Health IT, Office of Science and Technology Policy, and National Institutes of Health).

**Who benefits from S4S?**

- **Research Participants**
  An easier way of contributing to scientific progress and sharing medical records with researchers that doesn’t require faxed forms, delays, or in-person visits.

- **Researchers**
  A simple path to receive research participants’ basic clinical data, including essential details like lab results, vital signs, problem lists, medications, and immunizations, potentially increasing participation in studies. Data delivered in a structured format with standard vocabularies may also need less “cleanup” than typical EHR data.

- **Providers**
  A way to give patients access to the potential benefit from participating in research studies and a reduction in staff time to support data requests, as they flow automatically through our vendor-supplied patient portal.

- **Sync for Science** intends to simplify a patient’s ability to donate data to worthy causes
- **May include Precision Medicine Initiative or other site-specific research studies**

http://syncfor.science