



DIGITAL QUALITY SUMMIT

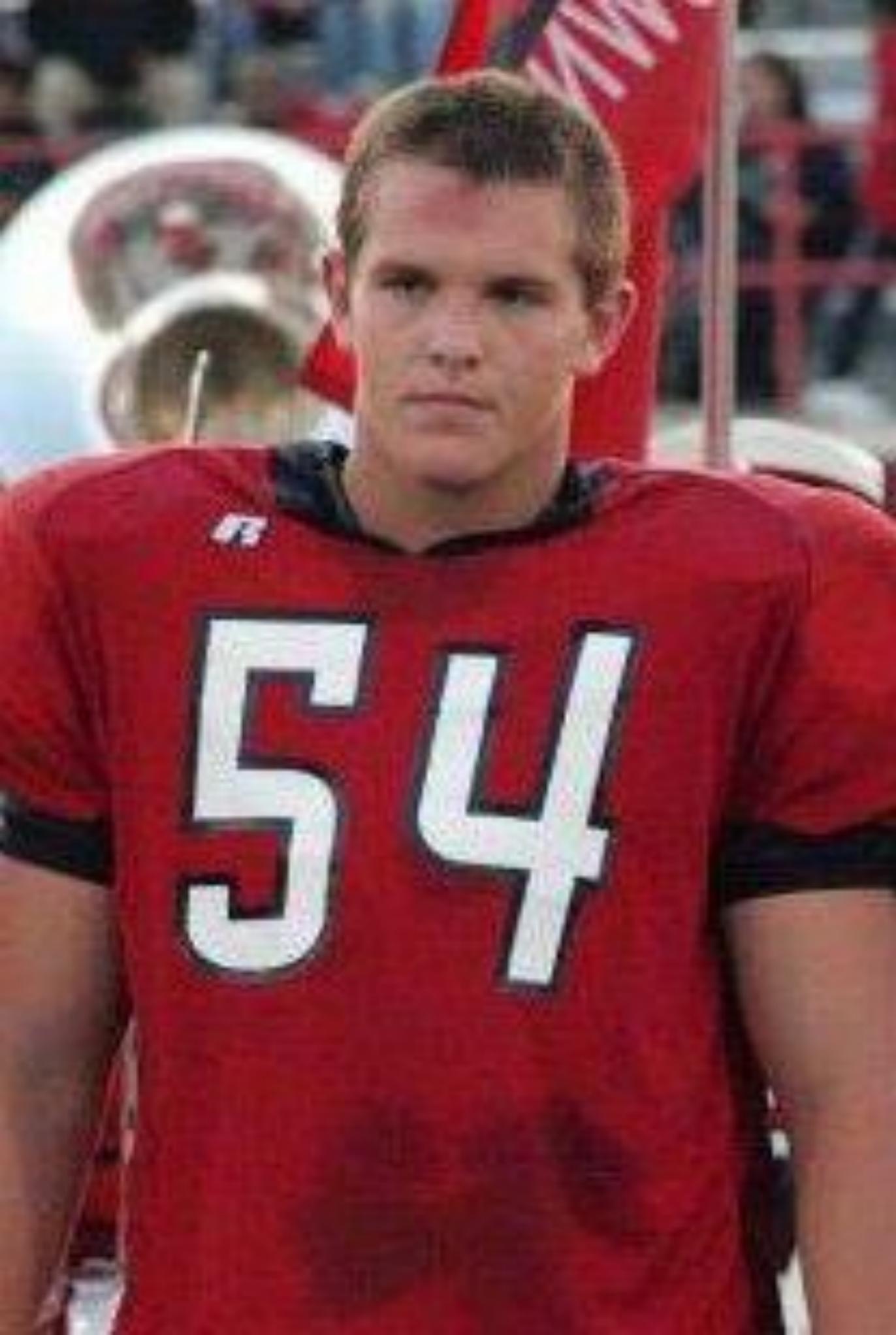
NOVEMBER 1-2, 2017 | WASHINGTON, DC

Charles Jaffe, MD, PhD
CEO
Health Level 7

Many Thanks to our Sponsors



This is Jack's story



This is Jack

Honor student
Football hero
University-bound

Jack complained
to his Family Doctor
about knee pain.

This is what Jack's
knee looked like,
but his doctor
never saw the
report.





This is Jack's chest x-ray
after I first saw him.

The Pathology Report said
metastatic osteosarcoma

Medical Errors
are third leading
cause of death in the
United States

There should be
no more stories
like Jack's

HL7 FHIR

was created to solve
many of the problems
that drive care quality.



Fresh Look asked,
“What would interoperability look like
if only we could start over?”

And not throw out the good stuff
we learned along the way.



The principles underlying
FHIR development
are meant to address the challenges
learned in
30 years of
standards development.



FHIR focuses on
implementation*

* and implementers



FHIR enables an
evolutionary development path
with other HL7 standards
and with those of other SDOs



FHIR development is global*

FHIR development workshops in UK, Canada,
Australia, Netherlands, Argentina, Greece,
and Japan...as of Monday.



What makes FHIR fast?

Faster to learn

Faster to develop

Faster to implement



The FHIR Development Process
has created a
Maturity Model
that describes global implementation
and validates reliability



Collaboration
is not what we do when we
run out of ideas or money.

Collaboration
is where we begin.



HL7 FHIR Foundation
is the home for implementers,
supporting an Implementation Registry,
reference implementations & tools,
and a Community Forum.

www.FHIR.org



The Argonaut Project
is not just an example
of a successful
private-sector
initiative.



It's a model for how to
get things done.

SMART on FHIR

SMART is a 6-year project at
Boston Children's Hospital,
funded by the Department of Health & Human Services
to enhance health data interoperability



CDS Hooks

has established a FHIR-based process for integrating multiple clinical decision support databases into point of care solutions.



Partners in Interoperability

Is a diverse coalition of stakeholders
collaborating on a single platform
reusing the data for many purposes

Oct.18-19 Johns Hopkins
Mar. 21-22 Georgia Tech



Partners in
Interoperability™

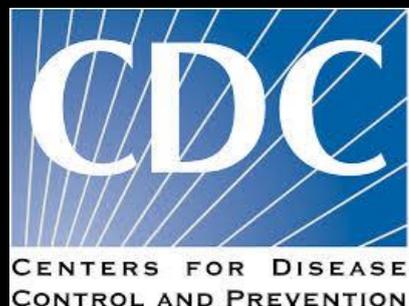
Perfection is achieved,
not when there is nothing
more to add,
but when there is nothing left
to take away.

Antoine de Saint-Exupery

The tech community,
from Google to IBM Watson to Apple,
is working to integrate
the FHIR platform
into their products and roadmap.



US Federal agencies,
including FDA, CDC, NIH,
DoD, VAH, and others
have active FHIR
integration programs



International BioPharma
is leveraging HL7 FHIR
for real-world clinical trials,
post-marketing bio-surveillance,
and genomics integration.





*Sync4Science,
Sync4Genes,
& DIGITize*

use FHIR to enable
Genomic Data for
Precision Medicine,
Translational Science,
& Clinical Decision Support



Devices on FHIR

A collaboration of device manufacturers & technology vendors committed to seamless exchange of data between clinical devices and health information systems



HL7 FHIR Clinical Connectathons

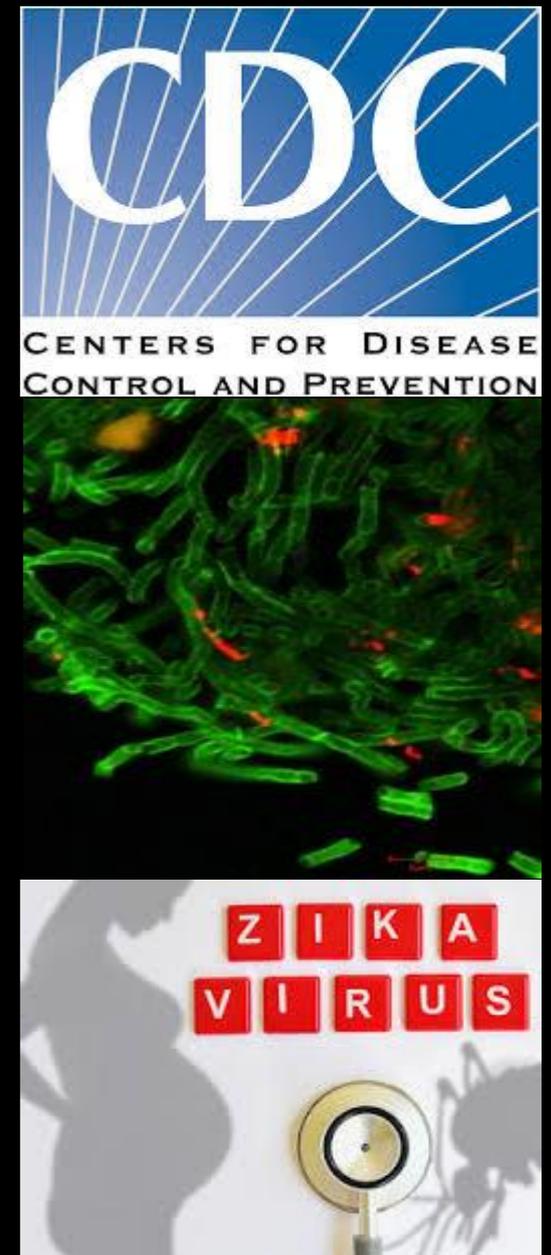
February 2, 2018, New Orleans



More than four hundred clinical organizations, IT developers, government agencies and healthcare systems *worldwide* are now committed to developing FHIR applications



CDC is developing initiatives to leverage FHIR for reporting & analytics



HL7 FHIR Developer Days

November 15-17, 2017, Amsterdam

June 19-21, 2018, Boston



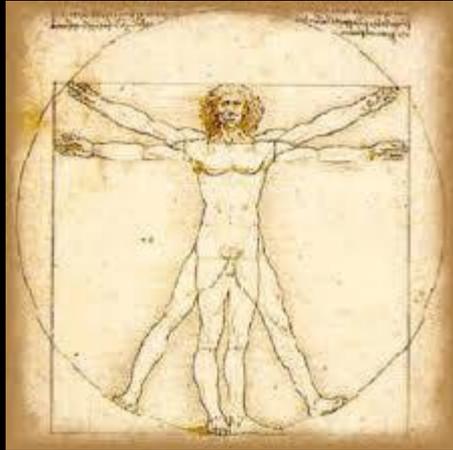
Joint Partners in Interoperability
& FHIR Roundtable
Conference
will bring together
the Dreamers & the Developers

LSU School of Medicine
New Orleans
December 5-7, 2017



“You can accomplish anything in life,
if you don’t mind who gets
the credit.”

Harry Truman



Da Vinci Project

Advancing “Value-Based Care”
by leveraging FHIR for the capture of
granular clinical data from patient records
to improve quality, to reduce costs,
and to enhance care management

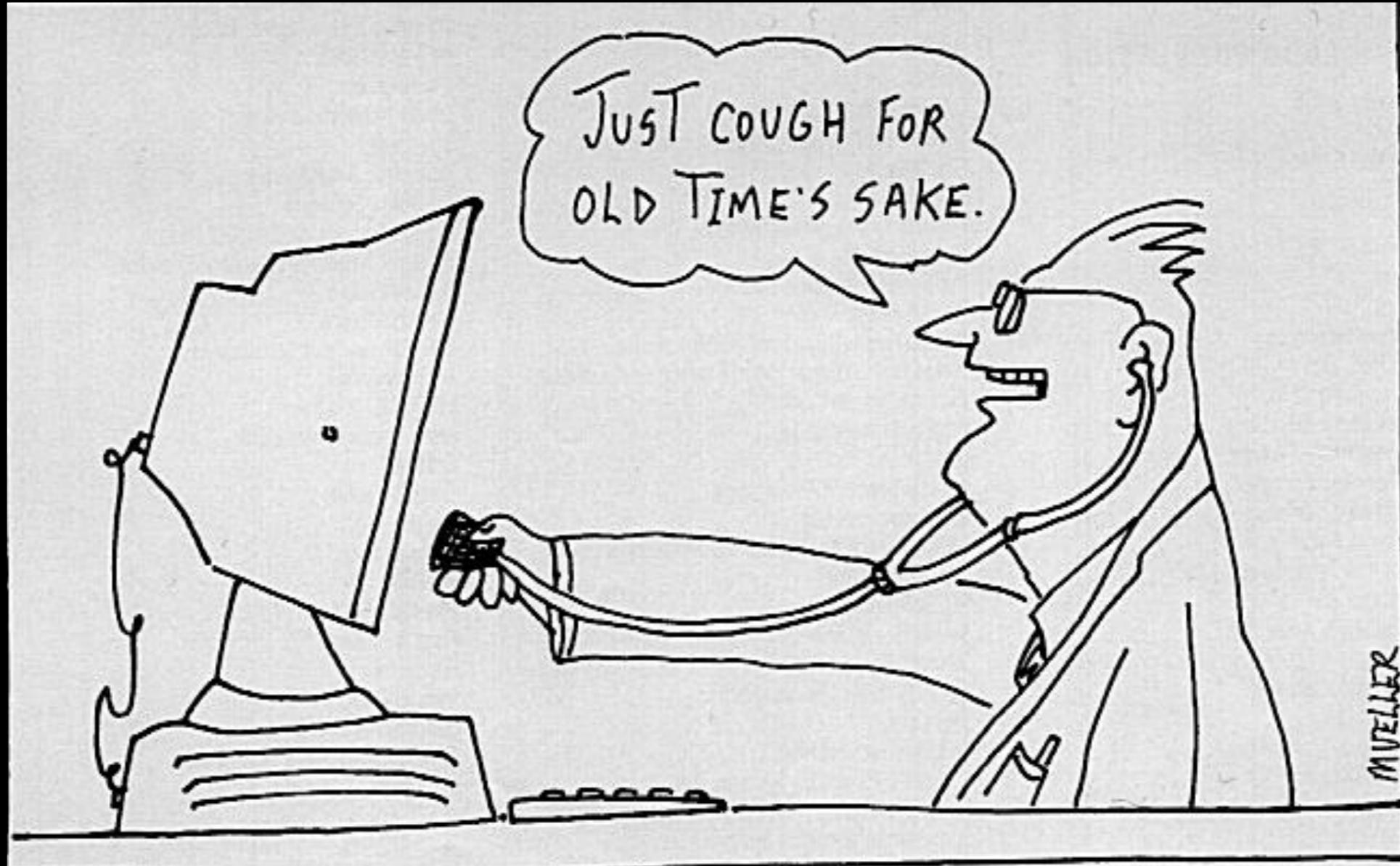
November 2, 2017
Washington



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cjaffe@hl7.org