



VertexDr

FAST FORWARD WITH QUIPPE

JUNE 8-9, 2017 | VERTEXDR CLIENT FORUM

a MERIDIAN MEDICAL MANAGEMENT company



Please silence or turn off all
electronic devices at this time.

THANK YOU

Medicomp Core Competencies

Clinical Content Development

Creating the worlds first and largest pre-coordinated clinical vocabulary designed specifically for use at the point of care

Expert-Based Intelligence Engine Development

Growing the first and largest clinical intelligence engine used to instantaneously make sense of vast swaths of point-of-care clinical content

EHR UI Tools Development

Designing modular tools for enterprise systems using cutting edge technology to enable easy, elegant and powerful documentation and reporting



Medicomp Fast Facts

38 years

300,000+ clinical concepts

100M+ clinically intelligent links

1M+ mappings to coding systems

100,000+ active users

Product Overview

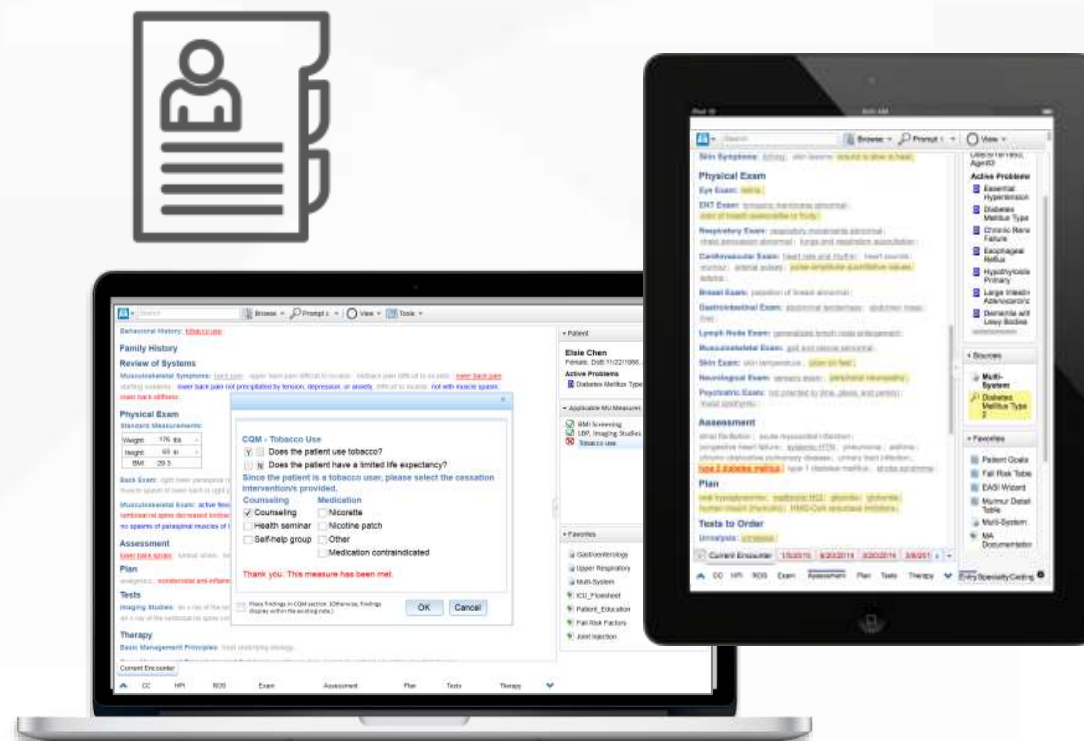
Medicomp has developed the **Quippe** platform with 3 core modules aimed at enabling powerful elegant EHR documentation, reporting and sharing data, and making sense of clinical data at the point-of-care.

Clinical Engine



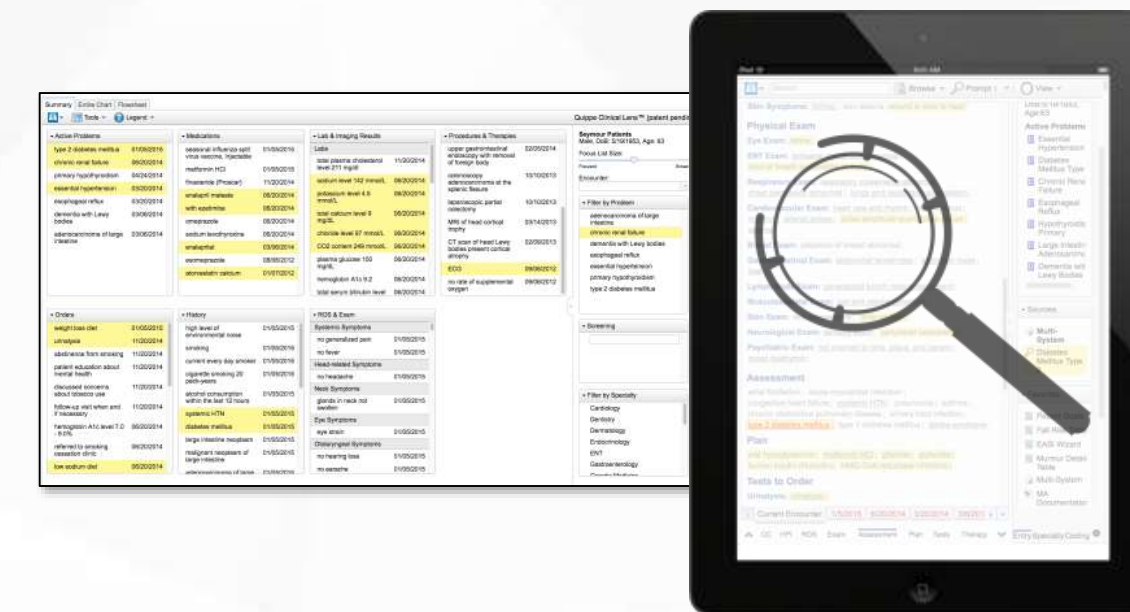
Hundreds of thousands of clinical concepts intelligently linked together to be used dynamically at the point of care for documentation or review.

Physician Documentation



Powerful, elegant clinical documentation that looks and works the way doctors think.





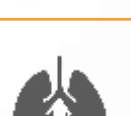


Clinical Lens



Make sense of data at the point of care from any source using accepted standards.

Data Standards

Provide documentation and reporting tools to your clinical users that works naturally with little-to-no user intervention.

CODING SYSTEM	CLINICAL DOMAIN	REQUIRED FOR
 CPT-4	Procedures	Billing, MU-1, MU-2, MACRA, data sharing
 ICD-10-CM	Problems	Billing, MU-1, MU-2, MACRA, data sharing
 RxNorm	Medications	MU-1, MU-2, MACRA, data sharing
 LOINC	Lab orders, tests	MU-1, MU-2, MACRA, data sharing
 SNOMED-CT	Many {Allergies, HPI, ROS...}	MU-1, MU-2, MACRA, data sharing
 CVX	Vaccinations	MU-1, MU-2, MACRA, data sharing
 DSM-IV / V	Mental disorders	Data sharing

+ Many others

The Problem

Usable Documentation



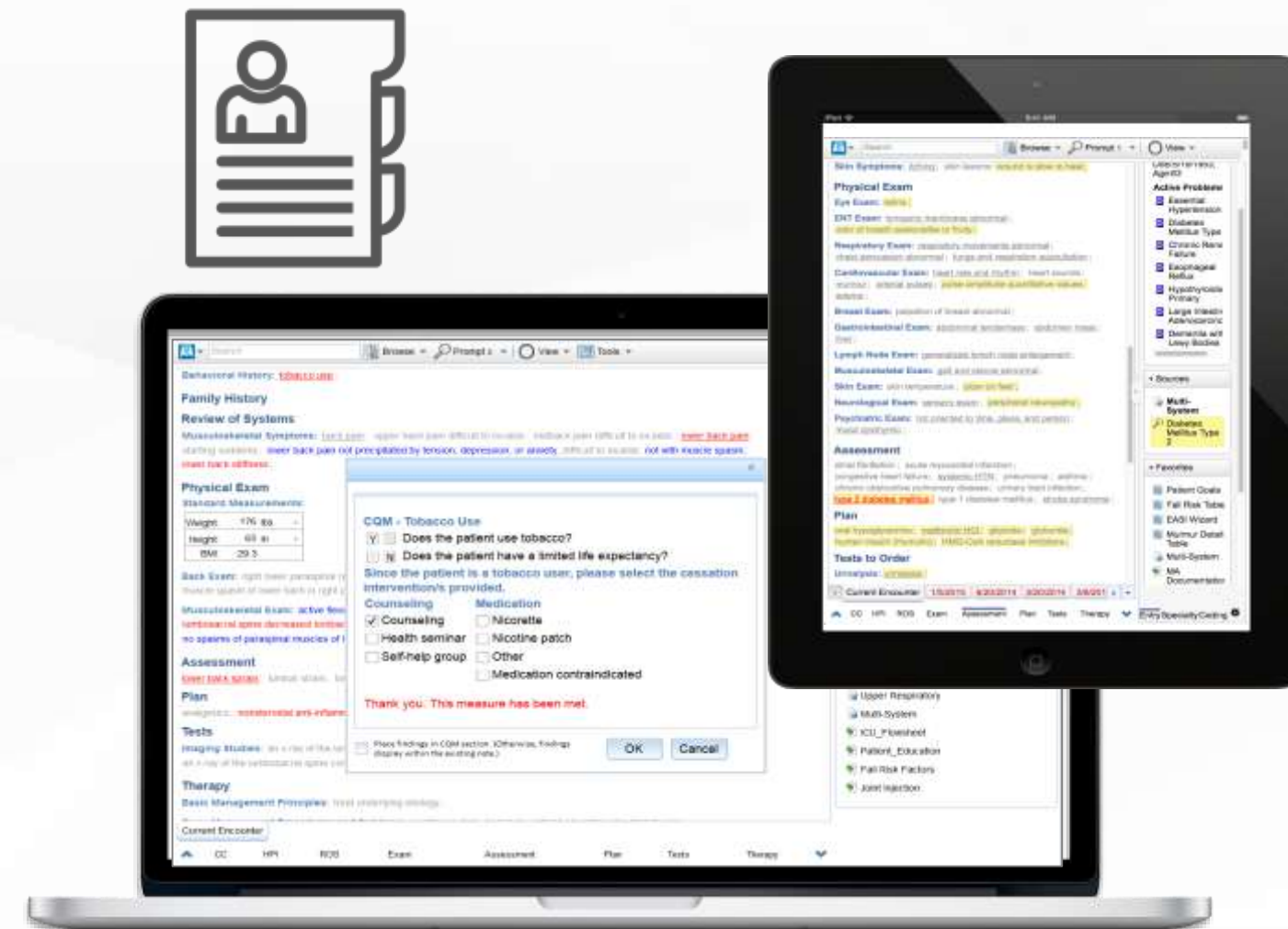
Clinicians need to document encounters in a way that:

1. Meets all **coding and reporting** standards,
2. Is fast and familiar, **works and looks the way they think**, and
3. Can **share information** both ways **with other systems**.

50% of EHR systems fail - 19% are **uninstalled**, in part because they are **not usable**.

The Solution

Quippe Physician Documentation



Powerful, elegant clinical documentation that looks and works the way doctors think.

Quippe Physician Documentation is modular, web-based, and works on any desktop or mobile device. It can be visually customized and can work with any EHR.

Co-designed with physicians, Quippe Clinical Documentation is a web-based modular set of documentation tools that :

- Can create notes, forms, and visual documentation that support billing and compliance criteria and are recognizable to clinicians
- Are fast, familiar, and work the way clinicians think
- Support clinicians' thinking processes, don't force clinicians into excessive steps and reduce documentation time

The Problem

The Data Tsunami



There is an **oncoming tsunami of clinical data** that will soon be flowing from disparate systems using approved standards.

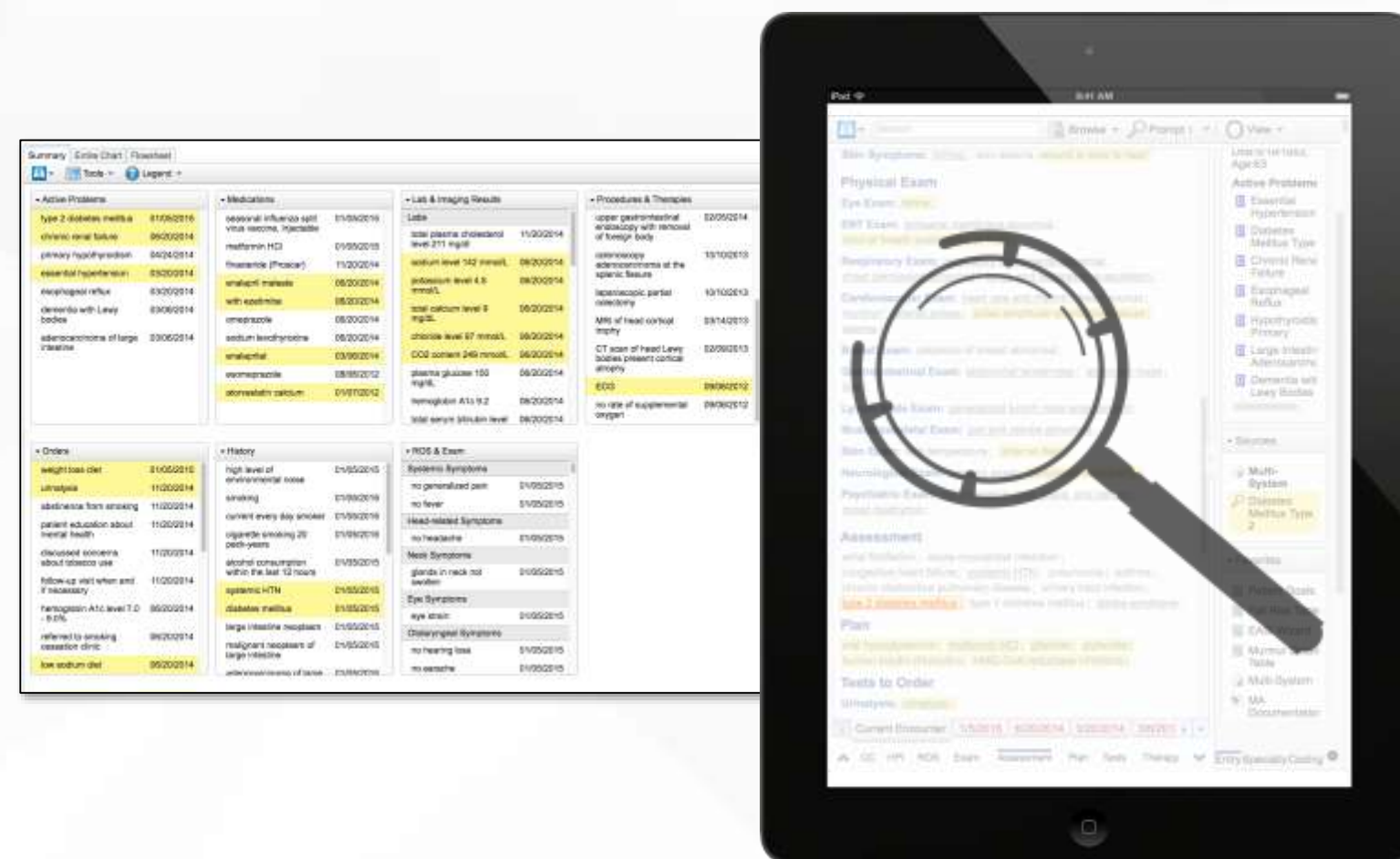
During their <15 mins on average with a patient:

Clinicians will be responsible for making sense of, and acting responsibly on **ALL** of the data for a given patient at the point of care.

The volume of flowing healthcare data is predicted to grow to **over 2,000 exabytes** by 2020.

The Solution

Quippe Clinical Lens



Clinical Lens allows any EHR or HIE system to:

- Accept data from any and all sources using accepted standards (including interfaces such as existing HL-7 protocols, FHIR, or direct data feeds from any clinical database)
- Present clinicians with a problem-oriented view of all relevant clinical data for any known, or suspected, disease state
- Quickly see and focus on actionable, relevant clinical data, allowing clinicians to concentrate efforts on a specific problem by eliminate all other “clinical static”

Make sense of data at the point of care from any source using accepted standards.

Quippe Clinical Lens is a web-based module that can be added to any existing EHR or HIE system, and can make sense of data from multiple encounters across systems.

MACRA/MIPS: Value Based Care is Staying

The Medicare Access and CHIP Reauthorization Act of 2015 (MACRA)

- Repeals the Medicare Sustainable Growth Rate methodology for updates to the **Physician Fee Schedule (PFS)** with a new approach to payment called the **Quality Payment Program (QPP)**
- Rewards the delivery of high-quality patient care through two avenues:
 - Advanced Alternative Payment Models (Advanced APMs)
 - **Merit-based Incentive Payment System (MIPS)** for eligible clinicians or groups

<https://qpp.cms.gov/education>

“By 2020, value-based care is estimated to represent 80% of all payments to physicians.”³



- MIPS and APMs both require quality reporting¹
- **271 Clinical Quality Measures (CQMs) in 2017**
- MACRA was passed with bipartisan support (including Speaker Paul Ryan [R-WI], and current HHS Secretary Tom Price [R-GA])²
- Over time the amount of reimbursement for quality under both MIPS/APMs increases¹

Sources:

1- "What are Alternative Payment Models (APMs)?" <https://qpp.cms.gov/learn/apms>

2- "Optimism in uncertainty: Investing in value-based care solutions" <http://medcitynews.com/2017/03/optimism-uncertainty-investing-value-based-care-solutions/?rf=1>

3- "What value-based care really means for physicians" <http://amme.utdallas.edu/amme/what-value-based-care-really-means-for-physicians/>

How Medicomp Solved MACRA

Quippe is a platform purpose-built to enable usable, elegant, clinical documentation that meets all compliance and reporting requirements and allows clinicians to make sense of all available clinical data at the point of care.



Embedded functionality both in the encounter but also in the summary view, which can organize all data in the chart by problem or measure, allowing clinicians to act on measure in context



Mapped data points (e.g. ICD-10, CPT, SNOMED, LOINC, RXNORM, ...) since 2004



Embedded all the algorithms to create the eCQM service that monitors all data in the chart and encounters related to quality measures

Case Study



PROJECT OVERVIEW



- The partnership enabled Phoenix Children's Hospital to seamlessly embed Quippe into PCH's existing Allscripts SCM EHR
- Once embedded, PCH users could take full advantage of Quippe functionality for documentation usability, intelligence, and compliance within Allscripts
- As a result of the success of this initiative, PCH has fully deployed this throughout the hospital, and clinicians can spend more time focusing on patients

PROJECT GOALS



2 key goals were identified for the launch of Quippe at PCH:

1. **Integrate Seamlessly**– To ensure that the Quippe documentation module operated as part of Allscripts SCM and enabled all features as needed.
2. **Increase documentation efficiency**– To make the experience documenting encounters faster, better and more compliant.

SELECT OUTCOMES

Documentation Time

-30%

Clinicians using Quippe at PCH **dropped their average documentation time** per encounter by **30% compared** to before

Patients seen

+25%

Because of the increase in productivity, clinicians are able to see **25% more patients**, and spend more time with each one

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