NEXTGATE

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Supporting COVID-19 Response with an Enterprise Master Patient Index

A Proven EMPI Platform Backed By 20 Years of Industry Experience

NextGate's Enterprise Master Patient Index is the market leader in automated enterprise identity management. During COVID-19, NextGate's EMPI is providing clean, reliable and accurately matched data to support rapid, effective public health interventions.

Testing

Research from the Council of State and Territorial Epidemiologists (CSTE) finds that nationally, 80% of coronavirus test results are missing critical demographic information and 50% are missing addresses. To identify at-risk populations, demographic information on who has been tested and who tests positive is critical. That includes such demographic data as race and ethnicity, which is missing for almost half of COVID-19 cases nationwide.

Solution

NextGate's EMPI synchronizes demographics across multiple systems and sites of care, and facilitates real-time interoperability across all healthcare constituents to support highly coordinated care.

Vaccinations

Patients must be accurately identified and consistently matched to their health records to track who has received a vaccine and who hasn't. Multiple doses and different manufacturers not only pose logistical concerns, but also serious health and safety implications as well.

Solution

NextGate's data aggregation and matching capabilities ensure the right individual receives the right vaccine at the right time; facilitates information sharing among clinicians, pharmacists and public health officials; and unifies immunization and related health data across a myriad of systems, locations and populations to identify gaps in vaccination coverage, and identify adverse side effects or events.

Contact Tracing

Contact tracing efforts continue to lag because basic demographics like phone numbers and addresses to communicate with patients are not captured. Further, labs routinely input the ordering provider's phone number instead of the patient's, while others don't supply a phone number at all. Lack of standardized data and efficient patient matching means contact tracers spend valuable time trying to locate individuals that may be unknowingly spreading the virus.

Solution

NextGate's EMPI with geocode and address verification allows for effective health monitoring so officials can readily determine when and where a patient tested positive, and if that patient has put others at risk.

Customer Success Story

CyncHealth (formlery NEHII) is supporting COVID-19 response using NextGate's EMPI to:

- Enable precise patient matching and identification for 4 million residents across 300 participating healthcare providers
- Create a flexible, interoperable, scalable infrastructure on shared standards
- Stand up new COVID-19 functionalities and onboard new partners and sources of data including bed utilization and hospital capacity

Results:

- Support state hospitals and health departments with data synchronization for improved public health reporting and community health management.
- Better understand statewide trends in bed utilization and hospital capacity.
- Track and map COVID-19 patients consistently from diagnosis to recovery.

"It only took about a week and a half to stand up our COVID dashboard, and that's largely due to how well we have been able to identify individuals and match their data"

– Kevin Conway, Manager of Data Integrity, CyncHealth