



SMART Health Cards and Links in Public Health WAverify+

Bryant T. Karras, Bill Lober, Brian Anderson, Geralyn Miller August 18, 2023

Today's Panel





Bryant T. Karras, MD Chief Medical Informatics Officer

Moderator





William Lober, MS, MD Professor





Brian Anderson, MD Chief Digital Health Physician





Geralyn Miller Senior Director

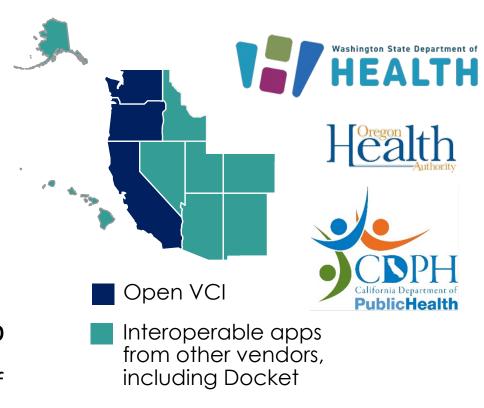
WAverify

- Digital vaccine verification in Washington State using SMART Health Cards
- Rapid development deployment and testing
 - Aug/23/2021 Oct/25/2021 (eight weeks)
 - "Soft" launch on October 25 in English only, additional languages added within weeks
- Nearly 2 million verifications since launch
- Now adding more: WAverify+



Collaboration and Partnerships

- Multi-state collaboration with California,
 Oregon, and Washington
 - Leveraged the sharable components and reusable code with github repository
 - Shared configurations, lessons learned, enhancements, and approaches
 - Model for future projects
- Successful Public-Private-Academic partnership
 - MITRE, Microsoft, MS Research, Deloitte, University of California, University of Washington, State Public Health Departments
 - Safety check and code review from MITRE Corporation



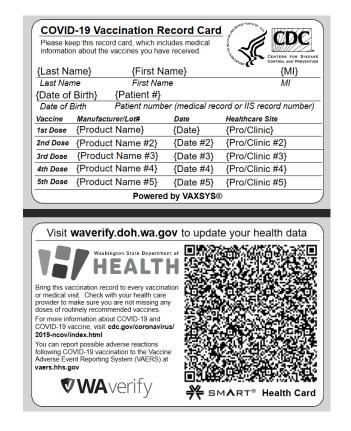
Multi-Language Accessibility

- Offered in over 42 languages
 - The most of any Verifiable Clinical Information (VCI) issuer
- Automatic browser language detection



Integration into Smartphones and Printed Cards

Demoed at HIMSS23





WAverify+ SMART Health Links

- International Patient Summary (IPS)
- Patient directed key verifiable clinical data for travel
- Embedded URL in a QR code that links to data and/or FHIR endpoints









<u>Demo</u>

WA Verify+ IPS



Test System - no protected health information

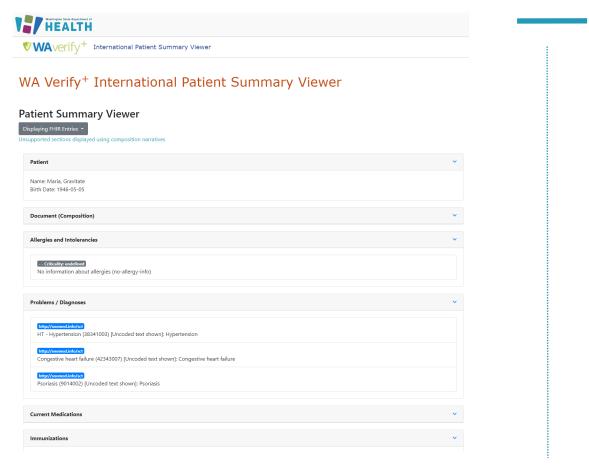
The WA Verify⁺ system enhances the WA Verify COVID-19 vaccination verification system which, since 2021, has allowed people receiving COVID-19 vaccinations in Washington State to access and share that information using SMART Health Card QR codes.

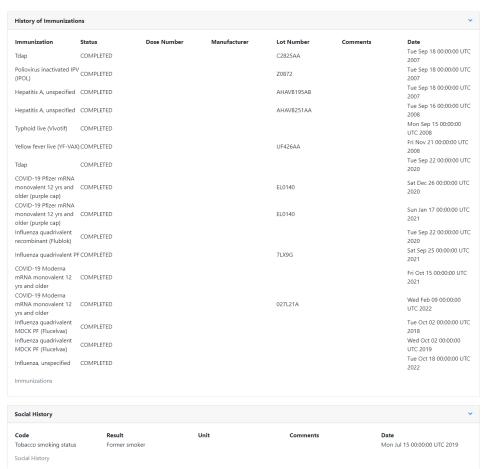
WA Verify⁺ allows people to access augment, and electively share their own health data using the Intternational Patient Summary (IPS) standard. IPS data include important clinical data, immunizations, advance directives, and other data useful for urgent medical care. This data may be helpful to those traveling, to parents or caregivers, and to anyone who wants to be able to see their own records, or securely share their data with healthcare providers or others of their choosing. WA Verify+ uses the secure, patient-controlled SMART Health Link (SHL) standard to allow people to share information collected and stored on their behalf by the Washington State Department of Health.



- https://smart-health-links-ips.cirg.washington.edu/
 - fictional patients, https://ips.health

WA Verify+ IPS





- https://smart-health-links-ips.cirg.washington.edu/
 - o fictional patients, https://ips.health

Printed Example: SMART alternative to phones used at GDPH



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Questions?



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