



How Technology Enables Flexibility: Customization of Vaccine Recommendations

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The IIS of the Past, Present, and Future



**Connected
Intelligence**



**Predictive
Insights**



**Improved
Outcomes**

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Immunization Evaluation & Forecasting

- State Immunization Programs historically followed ACIP-recommended schedules for vaccine forecasting
- CDSi was established to provide consistency between forecasting algorithms
- Jurisdiction customizations to accommodate State policy (HPV at 9) or Past Due Date calculations



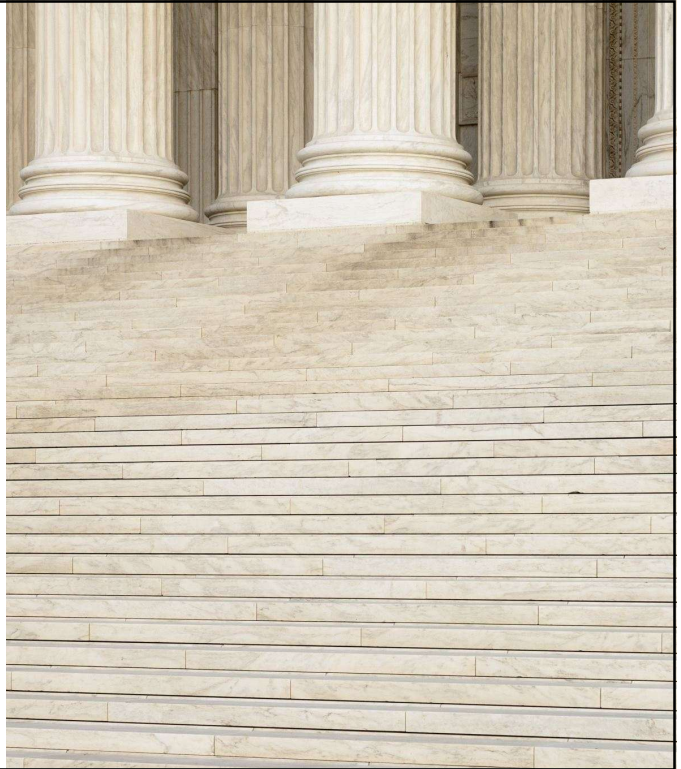
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Vaccine Guideline Confusion

- Changes to schedule released, but not implemented by CDC
- Lawsuits in-progress to challenge proposed changes
- Lack of visibility into IF or WHEN changes will be made
- Multiple immunization schedule sources – ACIP, AAP, AAFP, ACOG



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The Challenges

- Provider confusion – Clinicians must navigate different recommendations from federal agencies and professional organizations
- Data tracking – immunization information systems must accommodate varying recommendations
- Interoperability – Systems must connect with EHRs, IIS, link to pharmacy networks and support public health reporting as well as state to state record exchange
- Need for customizations to vaccine schedules and forecasts



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Health care partners want flexibility and customization...

Technology enables this.



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Connecting the Ecosystem

Flexible forecasting algorithm that can be customized and called by different members of the Healthcare ecosystem



Clinical Decision Support

Ability to align vaccine scheduling and forecasting with governing policies to deliver in-workflow at scale



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Shared Expertise Driven Through Technology

Vaccine schedules are complex, and we can't expect healthcare providers to manage forecasts without help. Technology allows us to drive adherence and compliance, so providers can focus on what's important – the patient in front of them.



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