



a subsidiary of the Maryland Partnership for Prevention, Inc.



# You Can't Afford **NOT** to Have PrepMod

*Managing efficiently in pandemics and all public health programs and services*

# The Image of Public Health...

1955



2020



**Hasn't Changed in 65 Years!!!**

*The Problem:*

# A Global Pandemic and...

**NO** integrated, automated system to:

- Manage real-time local, state, and national data on illness, testing, and vaccination
- Electronically secure consent for the ~300M seeking COVID testing and vaccinations
- Plan for vaccine and/or anti-viral distribution
- Identify hotspots and pockets-of-need—local and national
- Track illness and death by race, ZIP codes, occupation
- Monitor pandemic supplies--local, state, and national
- Facilitate social-distancing in public health and other settings
- Support the economy in opening and staying open

# The Solution

An **end-to-end system** to manage all aspects of a pandemic, public health emergency, and core public health functions:

- Online Registration and Consent
- Record Test Results and Vaccinations
- Bi-Directional Interface with all health information systems
- Real-Time Tracking and Reporting
- Connect Locally and Nationally



# Top 10 Reasons You Need



You Can't Afford **NOT** to Have PrepMod

**#1 – Eliminate Long Lines**

#2 – **Safer Clinics** with Automated Social Distancing

#3 – **Online Consent** and **Self-Scheduling**

#4 – **Save \$1.15 Per Person** for EVERY Encounter

#5 – Identify Priority Groups for COVID-19 Vaccine

#6 – Track Vaccine, Supplies, and Test Kits

#7 – Sync with EHR and Immunization Registry

#8 – Real-Time Reports and Data-Sharing

#9 – **Use for FLU, COVID, and all other vaccines**

#10 – Plan Better with Advance Registration

# Key Aspects of a Pandemic Response

- Communication
- Surveillance
- Preparing/Refining Infrastructure
  - Pre-Registration
  - Provider Enrollment
- Treatment and Prevention
  - Testing
  - Vaccination
- Recording
- Reporting
- Recovery

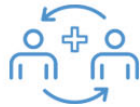


# We Manage Them All!!!

Manage Clinics and  
Users



Start Clinic  
**Virtual Queue**



Start Clinic  
**Standard**



Find a Record



Refer Patient for  
Services



Enroll Provider or  
Business



Inventory  
Management



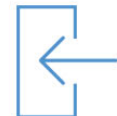
Generate Reports



Send a Message



Logout





# Real-Time Surveillance & Reporting

Generate Reports



Real-Time Reports on Test Results, Vaccine Uptake, Providers

Inventory  
Management



Manage Supplies, Vaccine, Test Kits, and PPE



# Expand Capacity and Communication

Enroll Provider or  
Business



Informed Expansion of Providers in the Response

Send a Message



Communicate With All Response Participants



## Safer, Faster, More Efficient Public Health

Manage Clinics and  
Users



**Real-Time** Recording and Reporting of Vaccinations, Testing, and Other Public Health Service Encounters

Start Clinic  
**Virtual Queue**



Automate **Social Distancing** and **Eliminate Lines**



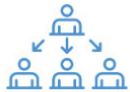
# Track and Manage Patients

Find a Record



Maintain Records of ALL Public Health Services

Refer Patient for  
Services







Identify and Refer Priority Individuals and Groups

Hidden Costs of  
US Public Health  
  
=  
  
\$600,000,000

<b>COST OF COVID-19 VACCINATION CAMPAIGN</b>	
<b>Expense</b>	<b>Per Person</b>
Printing <b>Paper Consent</b> , Dose #1	0.05
Printing <b>VIS</b> , Dose #1	0.10
<b>Data Entry</b> of Consent, Dose #1	0.75
<b>Documentation</b> of Encounter, Dose #1	0.25
<b>SUBTOTAL</b> , Dose #1	<b>\$1.15</b>
Total <b>Dose #2</b> Expenses	\$1.15
<b>TOTAL HIDDEN COST Per Person</b>	<b>\$2.30</b>

Assumptions: **256,000,00 People Vaccinated,**  
**Two Doses Per Person**

# Public Health Management Products

	Functions	Potential Users
	<p><b>Online Consent Form</b></p> <ul style="list-style-type: none"> <li>• Self-Scheduling of Appointments</li> <li>• Eliminate Long Lines</li> <li>• Identify High-Risk and Priority Groups</li> </ul>	<ul style="list-style-type: none"> <li>• Public Health</li> <li>• Schools, Colleges and Universities</li> <li>• Government</li> <li>• Long Term Care Facilities</li> <li>• Hospitals</li> </ul>
	<p><b>Above features, plus</b></p> <ul style="list-style-type: none"> <li>• Record Vaccination Encounters</li> <li>• Plan and Organize Public Health and Community-Based Clinics</li> <li>• Real-Time Reports on Test Vaccinations, Illness, and Death</li> <li>• Interfaces with All Systems</li> </ul>	<ul style="list-style-type: none"> <li>• Public Health</li> <li>• Schools, Colleges, and Universities</li> <li>• Healthcare Provider</li> <li>• Hospitals</li> <li>• Long Term Care</li> <li>• Military</li> <li>• Government</li> </ul>
	<p><b>Above features, plus</b></p> <ul style="list-style-type: none"> <li>• Real-Time Covid-19 Testing and Vaccination Reporting</li> <li>• Automated Social Distancing Feature</li> <li>• Engage Non-Traditional Providers in Pandemic Response</li> <li>• Links all States</li> </ul>	<ul style="list-style-type: none"> <li>• Public Health</li> <li>• Schools, Colleges, and Universities</li> <li>• Healthcare Providers</li> <li>• Hospitals</li> <li>• Military</li> <li>• Government</li> <li>• Corporate</li> </ul>
	<ul style="list-style-type: none"> <li>• Real-Time Reporting and Recording or COVID-19 Testing and Vaccination</li> <li>• Corporate and Provider Recording and Reporting Tool</li> <li>• State and National Interface</li> </ul>	<ul style="list-style-type: none"> <li>• Schools, Colleges, and Universities</li> <li>• Healthcare Providers/Hospitals</li> <li>• Military</li> <li>• Government</li> <li>• Corporate</li> </ul>

# Target Users

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PUBLIC HEALTH



SCHOOLS, COLLEGES,  
AND UNIVERSITIES



HEALTHCARE  
PROVIDERS



HOSPITALS



LONG TERM CARE



MILITARY



GOVERNMENT



CORPORATE



## Tools to help states **open and stay open**:

- Businesses monitor the COVID-19 status of employees and patrons
- Schools, colleges and Universities monitor status of students, faculty, and staff

**OPEN UP!**

Provides automated, real-time tracking of trends, patterns, testing rates, and vaccination coverage

# Benefits to Cities and States



- **Eliminate long lines** for COVID-19 and other public health services
- **Eliminate exorbitant “hidden costs”** of public health – **no paper or data entry**
- **Real-Time Reports** on testing, immunity, and vaccinations
- **Support area businesses** in opening and staying open; Track employees' COVID-19 status
  - Testing
  - Immunity
  - Vaccination
  - Temperature Monitoring

# Benefits to Colleges and Universities



- Conduct and report on **institution-based testing and vaccinations**
- **Real-Time Reports** on testing, immunity, and vaccinations
- Track Students' COVID-19 status
  - Testing
  - Immunity
  - Vaccination
  - Temperature Monitoring

# Benefits to Constituents



- No long lines
- Select own appointment and clinic location
- “Safer” Clinics with Social Distancing
- Instantly share health record with employer and school



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