CHILDREN IMMUNIZATION APP (CIMA)

Using the **Children Immunization App (CIMA)** to enhance equity and improve vaccination uptake

The CIMA **(Children Immunization App)** is a comprehensive digital health solution that strengthens immunization programs through evidence-based interventions and sustainable implementation models. Recognizing that effective immunization programs require multifaceted support systems, CIMA Care offers an integrated approach that aligns key stakeholders—parents, healthcare providers, and health institutions—while addressing both direct and supplemental implementation needs.

Evidence of Impact:

- Ensured successful deployment across diverse contexts, including refugee camps **(e.g., Zaatari, Jordan)** and national health systems **(e.g., Cameroon, Rwanda)**.
- Improved vaccination timeliness, uptake and completion rates.
- Reduced missed vaccination opportunities effectively.
- Supported mobile and refugee populations effectively, ensuring vaccination documentation is maintained where crucial.

Implementation Package and Support:

- Comprehensive training programs for healthcare workers and clinic staff.
- Educational materials and resources for healthcare providers.
- Technical support and system integration assistance.
- Continuous monitoring and evaluation tools.

Cost Structure and Investment:

CIMA Care offers a comprehensive, integrated solution at **5.5 US$ per child** for their complete vaccination program. This cost-effective investment delivers a holistic, evidence-based approach that includes:

For Healthcare Providers:

- Accredited professional development courses for nurses and healthcare staff for more developed and competent efficiency.
- Advanced clinic dashboard for real-time vaccination tracking.
- Comprehensive data analytics and visualization tools for monitoring vaccination coverage.
- Comprehensive technical support and system integration.

For Parents and Communities:

- Educational messaging system addressing vaccine concerns and parenting guidance, supporting them against misinformation.
- Automated SMS vaccination reminders.
- Engagement with community health workers for personalized support and the defaulters tracing.

For Health Authorities and Policymakers:

- Real-time defaulter tracking and monitoring system to support defaulters
- Advanced analytics dashboard for evidence-based decision-making
- Resource optimization and vaccination coverage insights
- Strategic planning tools for targeted, fact-based interventions

This integrated investment supports a win-win ecosystem where:

- Children receive complete protection against vaccine-preventable diseases.
- Parents gain reliable education and timely reminders.
- Healthcare providers access professional development and efficient management tools.
- Policymakers obtain data-driven insights for strategic planning and defaulter tracing.

Altogether, the system's comprehensive approach ensures sustainable impact through evidence-based interventions, professional education, and continuous support for all stakeholders in the vaccination ecosystem.

Advanced features:

- **Offline Functionality:** Ensures uninterrupted service in areas with limited connectivity, enabling continuous vaccination tracking and defaulter management.
- **Multi-Language Support:** Available in English, French, and Arabic to serve diverse populations effectively.
- **Data Security:** Robust encryption and privacy protection measures compliant with international healthcare data standards.
- **Interoperability:** Seamless integration with existing health information systems and vaccination registries.

Long-Term Economic Benefits:

- Reduced operational costs through process automation
- Optimized resource allocation through data analytics
- Decreased vaccine wastage through improved planning
- Enhanced efficiency in vaccination session management
- Sustainable cost savings through system optimization
- Improved health outcomes and reduced disease burden

Learn more:

Download CIMA from the Website

View Evidence & Stories

Contact us for implementation support

Cima.Care

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