

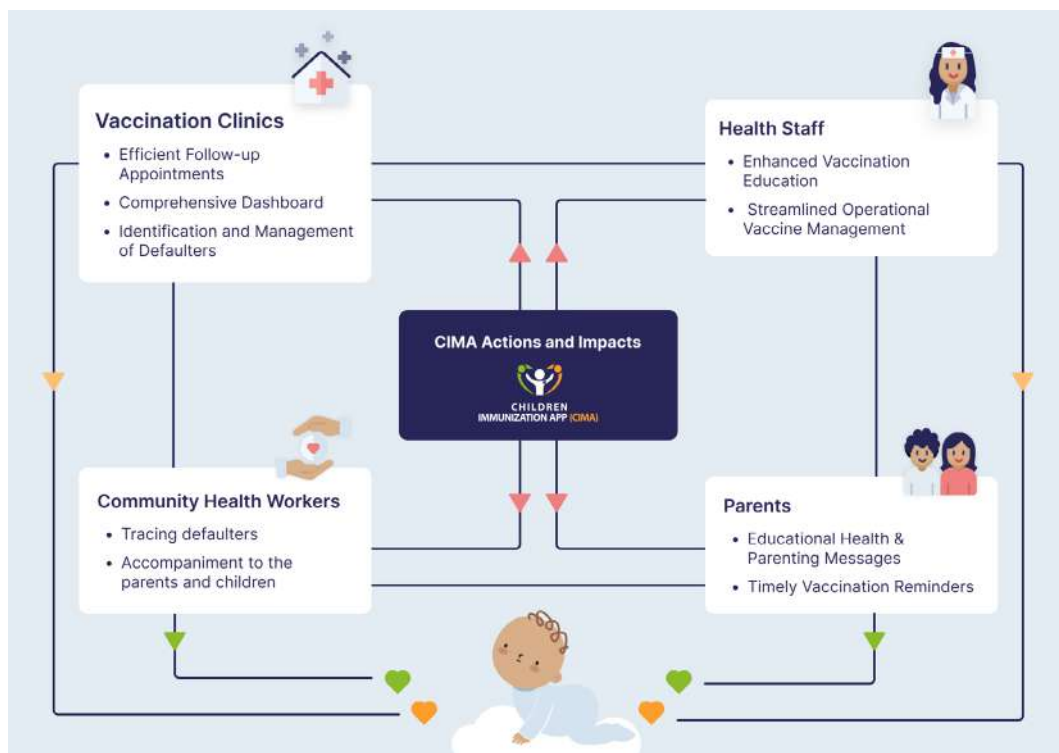
CIMA Care: Transforming Global Health Through Digital Innovation, Evidence-Based Education, and Unwavering Commitment



**CHILDREN
IMMUNIZATION APP (CIMA)**

CIMA Care Actions and Impacts

CIMA Care helps in transforming global health through its comprehensive approach, integrated digital ecosystem, and internationally recognized education platform. CIMA Care delivers measurable improvements in immunization coverage, empowers healthcare professionals with CPD-certified training, and strengthens public health infrastructure worldwide by seamlessly connecting parents, healthcare providers, community health workers, and institutions across the globe.



Addressing Global Challenges:

CIMA Care directly advances the UN's Sustainable Development Goal 3 and the WHO's Immunization Agenda 2030, ensuring healthy lives and well-being for all ages. Our proven platform addresses immunization gaps intensified by the COVID-19 pandemic, reaching zero-dose and under-immunized children while supporting the WHO's global 'Big Catch-Up' initiative. With documented vaccination improvements of 23% in Cameroon's Bamenda Region and 19% in Jordan's Zaatari Refugee Camp, CIMA Care demonstrates how facilitating staff's management and empowering parents and healthcare workers with reliable evidence-based knowledge and digital tools can work as an empowerment approach that builds lasting capacity and transforms healthcare delivery in diverse settings sustainably, from crisis-affected regions to established health systems.



1.CIMAApp:AdvancedDigitalHealthPlatform

Core Functionality:

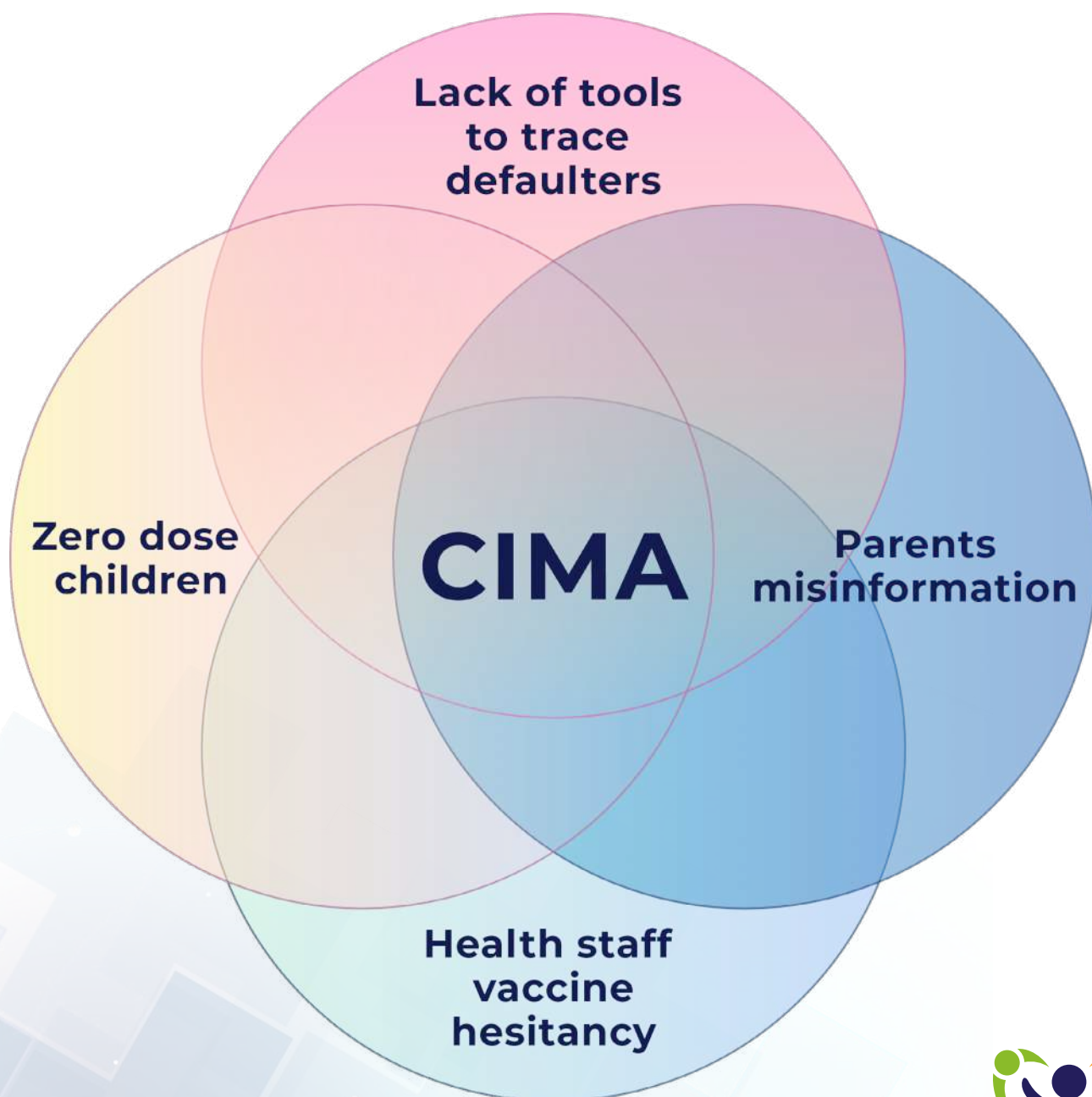
- **Intelligent Vaccination Tracking:** A comprehensive digital record-keeping system enabling healthcare providers to monitor complete immunization schedules with offline functionality and real-time synchronization capabilities.
- **Automated SMS Reminder System:** Evidence-based health messaging delivering WHO, UNICEF, and UNODC-validated content to parents. Messages align with children's developmental milestones and vaccination schedules, covering critical vaccination information, post-vaccination care guidance, nutrition and breast-feeding support, parenting strategies, and vaccine confidence building—all delivered in parents' preferred languages at crucial stages of their child's health journey.
- **Defaulter Identification & Follow-Up:** A systematic tracking automatically identifies children who have missed scheduled vaccinations, enabling targeted community health worker outreach and reducing disease outbreak risks through proactive intervention.
- **Data Visualization & Strategic Planning:** Advanced analytics generate interactive heat maps, performance dashboards, and geographic coverage insights, empowering decision-makers to optimize resource allocation, identify coverage gaps, and implement evidence-based interventions.

Advanced Safety & Management Features:

- **Adverse Event Following Immunization (AEFI) Monitoring:** A comprehensive reporting system allowing healthcare workers to document symptoms, severity levels (mild, moderate, severe), duration, onset timing, and batch/lot numbers. The notifications alert clinic administrators, facilitating investigation and building community trust through transparent safety surveillance.



- **Vaccine Stock Management:** Clinic-level inventory control system with feature toggle functionality enabling country administrators to activate stock tracking, batch management, and expiration monitoring. This advanced capability minimizes vaccine wastage, ensures equitable distribution, and optimizes supply chain efficiency.
- **Profile Lifecycle Management:** Flexible child profile activation/deactivation preserving complete vaccination histories while accommodating zone transfers, temporary schedule pauses or clinic referrals, ensuring continuity of care across healthcare settings.



2. CIMA Health Academy: CPD-Certified Global Learning Platform

CIMA Health Academy delivers internationally recognized professional development through the Arena Learning Management System, an advanced educational platform designed specifically for healthcare professionals' unique learning essentials. And offering engaging content like readings, presentations, videos, and quizzes as a certified member of the CPD Certification Service (Member #19938), the Academy has trained thousands of healthcare professionals across countries worldwide, offering hundreds of hours of evidence-based content through several specialized modules worth certified CPD credits.



Comprehensive Curriculum Excellence



Learning Focus

Foundational Vaccine Science: Historical development, immunology fundamentals, and public health impact assessment.

Global Implementation Strategies: Worldwide vaccination efforts, national immunization programs, and coverage optimization.

Program Monitoring & Evaluation: Coverage assessment, surveillance systems, and vaccine hesitancy management.

Special Populations & Equity: Addressing unique vaccination needs, economic considerations, and zero-dose populations.

Distribution Infrastructure: Equitable access strategies, supply chain optimization, and community health worker integration.

Innovation & Preparedness: Pandemic response, emerging technologies, and polio transition planning.

Post-Pandemic Recovery: WHO Big Catch-Up Initiative implementation, addressing immunization backlogs, and system strengthening.

Integration Approaches: Nutrition-immunization synergy, ChatGPT in healthcare, and complementary service models.

Early Childhood Development: First 1000 days of life optimization, risk assessment, and developmental intervention integration.

Adverse Events Following Immunization (AEFI): WHO/GAVI classification systems, pharmacovigilance frameworks, causality assessment methodologies, systematic investigation protocols, emergency preparedness, and crisis communication strategies.

Community Health Empowerment: CHW training, GATHER communication, maternal immunization, and crisis communication.



Transformative Impact

Empowers professionals with cutting-edge education aligned with WHO, UNICEF, and GAVI frameworks.

Cultivates competence and confidence in evidence-based vaccine advocacy.

Enhances immunization program effectiveness through data-driven decision-making.

Improves community health outcomes and reduces disparities in vaccine access.

Increases global vaccine uptake rates through strengthened delivery systems.

Fosters rapid adaptation to evolving public health challenges.

Enables informed policy decisions and effective catch-up campaign leadership.

Inspires comprehensive, efficient, and accessible immunization programs.

Prepares practitioners for holistic child health support during critical periods.

Strengthens vaccine safety surveillance capacity, maintains public confidence through transparent reporting, enables evidence-based causality determination, and ensures systematic investigation responses that protect both individual patients and population-level immunization program integrity.

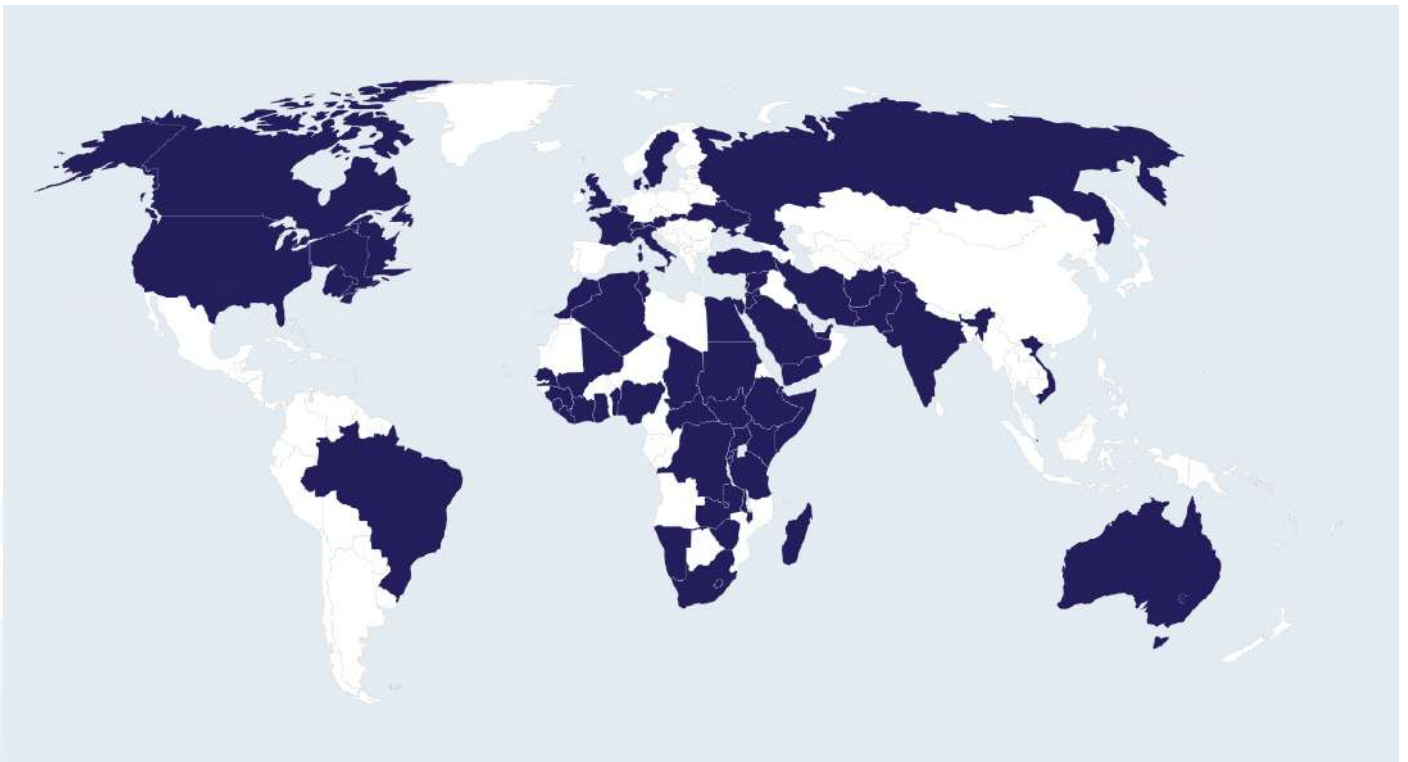
Strengthens frontline capacity for equity programming and outbreak prevention.

Accessible Excellence: The Arena platform provides interactive content with self-paced progression, real-time progress tracking, mobile accessibility across all devices, immediate feedback mechanisms, and instant digital certification with downloadable, shareable professional credentials.

Proven Global Impact:

CIMA Care's reach spans six continents, with measurable transformation documented across diverse healthcare contexts. Jordan CDC's landmark nationwide academic collaboration has generated over a thousand total enrollments across 23 universities, with hundreds of professionals having successfully completed certification and tens currently advancing through modules. Cameroon's EPI partnership has trained 112 healthcare professionals through co-signed certification programs. The Rwanda Biomedical Center's initiative (Health EDU collaboration) has educated 100+ healthcare staff. Lebanese American University's strategic alliance has engaged practitioners in specialized vaccination education, while Makerere University School of Public Health in Uganda has trained 85 professionals, strengthening East African health systems.

From Algeria to Zambia, spanning Afghanistan to Yemen, the UAE to the United Kingdom, CIMA Care creates a truly global collaborative learning environment where international evidence-based standards meet local healthcare realities, transforming vaccination practice across refugee camps, rural clinics, urban hospitals, and academic medical centers worldwide.



International Recognition & Validation:

CIMA Care's innovative approach has earned recognition from prestigious global institutions: featured by UNODC in their annual report for integrating parenting support with vaccination technology; featured as an official CPD-UK Provider Case Study showcasing our technical excellence and global impact in accessible health-care education; selected as a case study for the International Vaccine Institute's 23rd International Vaccinology Course in Stockholm; presented at Gulf CDC Conferences in Riyadh and Abu Dhabi; recognized by the Mediterranean Life Sciences Union; and validated through strategic partnerships with the International Lebanese Medical Association, Swedish Lebanese Medical Association, and Immunopaedia Foundation.



Visionary Leadership:

Led by Dr. Ziad El Khatib, Associate Professor of Global Health, our multi-disciplinary team combines deep expertise in epidemiology, digital health innovation, public policy, and healthcare delivery. With extensive peer-reviewed [scientific publications](#) and field validation across crisis-affected regions and established health systems, CIMA Care brings evidence-based excellence to every dimension of global immunization advancement.

Join the Movement Transforming Global Immunization:

When vision meets innovation, healthcare transcends boundaries. Together, we nurture every child to flourish, value every vaccine as a lifeline, and empower every healthcare professional as an architect of sustainable health system transformation.

United in purpose with institutions spanning 77+ countries, from prestigious universities to national health authorities, CIMA Care invites you to be part of this evidence-based revolution. Visit www.cima.care to discover how our proven digital solutions and internationally certified education can strengthen your immunization programs and advance global health equity.





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Co-Founder & Scientific Advisor: Dr. Ziad El Khatib, Ph.D.,
Associate Professor of Global Health

Building a Healthier, More Equitable Future, Together

