

Abu Dhabi Global Health Week 2025

Factsheet

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Overview

Held under the patronage of His Highness Sheikh Khaled bin Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Chairman of the Abu Dhabi Executive Council, Abu Dhabi Global Health Week (ADGHW) 2025 is a major strategic government-led initiative by the Department of Health – Abu Dhabi (DoH).

ADGHW serves as platform for innovation and collaboration, and places strong emphasis on the future of healthcare, with a proactive approach centred around preventive, personalised, and holistic care.

Held from 15 - 17 April 2025 at the Abu Dhabi National Exhibition Centre (ADNEC) in Abu Dhabi, UAE, this platform accelerates collaboration, responsible innovation, and investment among researchers, policy makers, healthcare specialists, investors, and entrepreneurs from across disciplines and geographies to ensure a holistic approach to the advancement of health.

Focused on collaboration and joint action, ADGHW hosts an open, inclusive exchange to catalyse healthcare transformation.

Theme - Towards Longevity: Redefining Health and Well-Being

2025 focuses on redefining healthcare by integrating innovation, longevity, and cutting-edge solutions that shape the future of health systems worldwide.

Key pillars and focus areas

ADGHW 2025 is built around four key themes that guide discussions and initiatives focused on the future of global health and wellness:

1. Longevity and precision health: Personalising the future of medicine

- Precision medicine represents a fundamental shift in how we understand and improve human well-being - from a one-size-fits-all model to a nuanced and personalised approach.
- Longevity matters - we're aiming for not just longer, but healthier lives.
- Abu Dhabi is at the forefront of advancing longevity and precision medicine through innovative genomic research and personalised medicine.

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15 - 17 APRIL 2025 | ADNEC CENTRE ABU DHABI, UAE

- ADGHW emphasises the need for care to be personalised, preventive, and proactive, by leveraging innovative technologies and data-driven insights that anticipate needs, enhance well-being, and enable early, tailored interventions.
- Proof points:
 - The Emirati Genome Programme (EGP) is one of the world's largest population-wide genome initiatives, it is on track to become the largest globally. Outputs will equip healthcare professionals with information to support advanced diagnosis, treatment options, care tailored to an individual's genetic makeup.
 - The programme has collected over 800,000 genome samples to date, accelerating the region's ability to predict, prevent and personalise healthcare interventions, in addition to improving patient outcomes, reducing costs treatments, and aiding knowledge exchange between healthcare providers.
 - Precision Medicine Programme: Since the launch of the region's first Personalised Precision Medicine Programme for Oncology in October 2022, DoH and its strategic partners, have offered tailored treatment plans to 256 Emirati cancer patients in Abu Dhabi and personalised prevention plans.
 - Additionally, as part of the programme, 200 additional patients aged between 25 and 50 years old have been randomly selected from EGP to test for gene variants that put them at higher risk of developing breast, ovarian, colorectal and lung cancer. Those identified as high-risk received tailored prevention plans.
 - Institute for Healthier Living Abu Dhabi: DoH licensed the Institute for Healthier Living Abu Dhabi (IHLAD) as the first specialised healthy longevity medicine centre in the world. IHLAD will provide a blend of preventative and therapeutic practices, the institute will empower community members to adopt healthier lifestyles. Additionally, they will offer AI-enabled personalised and collaborative treatments tailored to the patient's biology, lifestyle, goals and clinical needs.
 - Advanced gene-editing therapy: DoH through the Abu Dhabi Stem Cells Centre (ADSCC) has introduced CASGEVY, the first CRISPR/Cas9 gene-editing therapy in the UAE for sickle cell disease and thalassemia patients, positioning the emirate as a leading destination for life sciences and is a significant achievement in the field of innovation and gene therapies.

2. Health system resilience & sustainability: Crafting future-ready frameworks

- Resilient and sustainable health systems form the backbone of a stable and future-ready community, ensuring delivery of care amidst emergencies, disruptions, or resource constraints.
- Through international collaborations, Abu Dhabi seeks to lead research groups supported by global partners to explore the resilience and sustainability of healthcare sectors worldwide, as well as expand access to high quality care for all – regardless of location.
- Ongoing investment in research and development also ensures that Abu Dhabi's healthcare system remains adaptive, efficient, and equipped to manage future challenges.
- Launch of the Unified Medical Operations Command Centre: Earlier this year, DoH in collaboration with public and private sector entities across the Emirate launched the Unified Medical Operations Command Centre (UMOC) ecosystem, to establish an advanced and smart healthcare system capable of managing emergencies, crises and disasters with efficiency and precision.
- Furthermore, UMOC's state-of-the-art preparedness and response model, the first of its kind worldwide, is designed to provide a smart ecosystem consolidating the regulatory frameworks and governance protocols for emergency response in Abu Dhabi. The centre's cutting-edge technologies and capabilities include, state-of-the-art AI-driven systems, advanced data integration solutions, and real-time communication tools.
- The UMOC oversee pre-hospital services and procedures, including the operations of emergency medical teams and ambulance services, while providing support to ambulance providers during major events. The centre also features an advanced AI-powered system designed to optimise ambulance routes by analysing data to determine the fastest and safest routes from the incident site to healthcare facilities. Additionally, the system ensures the efficient allocation of cases to the most suitable healthcare facilities, such as specialised centres for burns or strokes.
- The centre also integrates a smart triage system to prioritise emergency cases instantly and features a real-time monitoring and tracking system for ambulance vehicles' movements. Additionally, UMOC includes an early warning system that predicts potential outbreaks and diseases

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- Hosting of the World Health Organization's Sixth Emergency Medical Teams Global Meeting: During November 2024, DoH successfully hosted the largest Emergency Medical Teams (EMT) Global Meeting to date. Further solidifying the Emirate's position as a global leader in healthcare transformation and health emergency preparedness and response.
- The EMT Global Meeting event:
 - Attracted over 1,300 participants from across 140 countries
 - Featured participation from +130 speakers from national health authorities, intergovernmental and non-governmental organisations
 - Conducted over 30 technical sessions
 - Showcased the innovations of 26 exhibitors
 - Witnessed the certification of 12 new emergency medical teams from nine countries

3. Digital health & AI: Revolutionising care through technology

- Cutting-edge technologies can help communities thrive, reduce clinical inefficiencies, and enable a truly integrated, health system that meets the needs of individuals, communities, and nations alike.
- Abu Dhabi's commitment to excellence is reflected in its fast-growing, future-forward, and data-enabled healthcare services.
- AI technologies are transforming medical practices, from precision cancer treatments to streamlining healthcare operations, ensuring faster more accurate care. This enables innovation and the development of a predictive, preventive, and personalised healthcare approach, accelerating the future of healthcare not only for Abu Dhabi but for the global community.
- Proof points:
 - DoH developed the 'Sahatna' app which integrates teleconsultations and access to health records, aiming to improve health outcomes and enhance convenience for residents. Through this platform, individuals can access their medical records via Malaffi, the region's first health information exchange platform that safely and securely connects public and private healthcare providers in Abu Dhabi, and

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link the profiles of family members to track their health, screenings, and vaccination history.

- The Sahatna application has witnessed over 300,000 downloads, along with more than 870,000 lab reports and 440,000 prescriptions been downloaded through the application, allowing users to access their medical records with complete privacy and ease, lab results, examination lists, medications, and vaccination records (data as of March 2025).
- Malaffi connects 100% of healthcare facilities with over 51,757 authorised users and 11.6 million unique patients in Abu Dhabi.

4. Investment in life sciences: Driving global innovation forward

- Investing in health and life sciences fuels the discovery of transformative technologies, diagnostics, and treatments that not only advance healthcare, but also drive economic growth.
- Abu Dhabi attracts investment and fosters innovation in medical research and technology. The emirate has invested in creating a modern research and development ecosystem —homegrown and multinational companies collaborate with research centres to foster innovation in biotechnology, pharmaceuticals, and medical devices.
- ADGHW created the foundation for collaboration, enabling participants to share their ideas and experiences, identifying opportunities to improve healthcare infrastructure and accelerate technology adoption in emerging economies and underserved regions.
- Proof points:
 - Beyond the strong digital infrastructure, which supports telemedicine, data management, and R&D collaboration, investment-friendly policies, specialised economic zones, and government-driven initiatives make it easier for foreign companies to collaborate with local stakeholders.
 - In December 2024, DoH in partnership with the Authority of Social Contribution – Ma'an, the Abu Dhabi Government's dedicated platform that connects the government, private sector, and wider community to address key social priorities, has awarded over AED 19 million in grants through the Healthcare Research and Innovation Fund.
 - The Department awarded funding to 11 recipients, including academics, healthcare professionals, and innovators, to support their research and innovation projects under DoH's Research and Innovation Centre.
 - DoH is working with GSK to establish the GSK Vaccine Regional Distribution Hub in Abu Dhabi. The collaboration will focus on the exploration of opportunities to foster knowledge exchange and capability building, along with prevention

strategies to address public health challenges. Between 2023 and 2024, Abu Dhabi witnessed a staggering increase in the number of clinical trials conducted locally – an increase year-on-year of 28%. This growth can also be credited to the streamlined research approvals process that takes no longer than 19 days between trial submission and approval.

- Since 2021, DoH has supported 80 healthcare startups, accelerating transformative solutions across the healthcare spectrum. These efforts have created 926 specialised jobs, fostering economic growth and strengthening the life sciences sector, which has achieved an impressive annual growth of 22%.
- In 2024, Abu Dhabi's life sciences sector witnessed a remarkable 22% growth, supported by an advanced research infrastructure that includes over 90 authorized facilities for conducting research. A total of 18 clinical studies were conducted, including two clinical trials focused on stem cell therapies, reflecting the growing momentum in medical innovation and reinforcing the emirate's position as a leading hub for life sciences.

Important links

For details on the sessions and speakers participating in The Forum @ ADGHW 2025 visit,

<https://www.adghw.com/conferences/the-forum-adghw/>

For content uploaded on the press centre including, spokespeople bios and images, visit,

<https://www.adghw.com/adghw-2025-press-centre/>

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