

A platform that democratizes knowledge and practice of Reproductive Health with Fertility preservation out of the fertility clinic

As a trailblazer in the UAE healthcare sector, what was your vision when you embarked on this journey, and how has it evolved over the years?

When I began my journey in the field of Obstetrics and Gynaecology 25 years ago, my vision was to make a meaningful impact on women's health and fertility in the UAE. I wanted to ensure that every female in our neighbourhood had access to the highest standard of care, regardless of their circumstances. I dedicated many years to acquire specialized training in Reproductive Medicine and Developmental Sciences from the prestigious Edinburgh University, becoming the 1st Emirati acquiring degrees of Masters and PhD in this rare discipline. The vision further evolved to encompass the broader spectrum of Reproductive Health services for both, women and men. With ardent support of the UAE Government and my lovely family, I realized that to truly transform healthcare, I needed to focus on innovation, out-of-box approach in clinical pathways, and community engagement. This led me to excel in clinical practice and successfully launch Kazim's Fertility Barza, a platform that democratizes knowledge of Reproductive Health and Fertility preservation out of the fertility clinic, supporting individuals and community members to navigate their fertility journeys while keeping

them abreast of evolving ART legislations and advances within the field, without compromising social sensitivities. My vision has always been about empowering individuals with knowledge, resources, and hope.

The UAE is rapidly advancing in healthcare innovation. What specific initiatives or reforms led by you have had the most significant impact on improving patient care in the region?

The UAE's rapid advancement in healthcare innovation is a testament to the collective efforts of visionary leaders and innovators. Among the initiatives I have led, the introduction of female fertility preservation for oncological and non-oncological conditions for singles and married women stands out. This has significantly improved the quality of life for many patients, adding another dimension to survivorship, specially young cancer survivors who aspire to have families. Additionally, my work in integrating Artificial Intelligence (AI), Augmented Reality (AR), and Virtual Reality (VR) into fertility treatments has revolutionized patient care by making it more personalized and accessible. These technologies have not only enhanced the diagnostic process but also provided patients with a more immersive and less stressful experience.

How is your organization leveraging cutting-edge technologies like AI, robotics,

or telemedicine to revolutionize healthcare delivery in the UAE?

In UAE, I have worked both at public and private IVF centers with excellent hospital infrastructures and unmatched healthcare ecosystem. We continue to remain at the forefront of leveraging cutting-edge technologies to revolutionize healthcare delivery, specially AI is being already used to predict treatment outcomes, optimize protocols, and help in selecting the best Embryo that has potential of implantation, while AR and VR are employed to educate and prepare patients for their fertility treatments. Telemedicine has also become an integral part of our service allowing us to reach patients in remote areas and provide them with the same level of care as those in urban centres. These technologies are not just tools; they are extensions of our commitment to excellence and patient-centric care, whilst paving the path for integration of AI into our practices.

What major challenges have you encountered as a woman leader in healthcare, and how have you turned these challenges into opportunities?

Balancing my social and family responsibilities with the demands of a high-pressure career in reproductive medicine has been one of my greatest challenges as a woman leader. Juggling the



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needs of my family, societal expectations, and the relentless pursuit of excellence in my profession required resilience, time management, and a strong support system. Fortunately, I've been blessed with the unwavering support of my family, friends, and the visionary leaders of the UAE. Their encouragement has been instrumental in helping me navigate these complexities while staying true to my mission. UAE's commitment to keeping women at forefront has empowered me to push boundaries and grow this unique subspecialty of Reproductive Medicine and Infertility into a driven dimension. Integrating cutting-edge technologies like AR, and VR into clinical practice, making fertility preservation accessible to more individuals, providing personalized fertility treatments, supporting UAE's initiatives in implementing their Emirati Genome project, sharing expertise in various national and international taskforce and committees, academic teachings, launching Kazim's Fertility Barza and many more initiatives, tune in a harmonized manner.

Looking ahead, what are the key areas where you see the UAE healthcare sector growing, and what role do you asp?

Looking ahead, I see the UAE healthcare sector growing in areas such as personalized medicine, regenerative therapies, and the continued integration of technology into patient care. The future of healthcare in the UAE is bright, and I aspire to continue playing a pivotal role in shaping it. My goal is to continue pushing the boundaries of what is possible in reproductive medicine and to inspire the next generation of healthcare leaders. I envision a future where healthcare is not just about treating diseases but about preventing them and promoting overall well-being. I am committed to contributing to this vision through AI-integrated clinical practice, research, education, collaborations and community initiatives.