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China unveils world's first blockchain-based IVF service application

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In partnership with VeChain and DNV, Renji Hospital, a top-ranking hospital in China affiliated with the Shanghai Jiaotong University School of Medicine has announced the launch of smart medical care project - MyBaby, the world's first blockchain-based In-Vitro fertilization (IVF) Service Application.

The MyBaby Launch Ceremony was jointly hosted by the Center for Reproductive Medicine of Renji Hospital and the Shanghai Quality Control Center for Assisted Reproductive Technology.

By combining the professional assurance services of DNV with VeChain's advanced blockchain technology, MyBaby enables the verification of key steps of In-Vitro fertilization (IVF) and provides private, exclusive, end-to-end data access for prospective parents undergoing treatment. By embracing cutting edge technology, Renji Hospital commits itself to further enhancing equity and quality of life for patients.

MyBaby is the first service of its kind to combine the merits of third-party assured data verification with the immutability of blockchain technology. All information, imagery and data trails, from imagery produced by medical tools to the delivery of the zygote itself will be securely uploaded on VeChainThor blockchain and only accessible to authorized users of the MyBaby Application.

MyBaby allows users to view and track the extraction, labelling and scoring of fertilized eggs as well as the cultivation and preservation of embryos. The application also solves the traditional problems associated with the privacy of sensitive medical data. The cryptographically secured properties of blockchain technology create a secure and reliable environment and enhance the user experience in a way that is unprecedented in the IVF field.