

CryoRobot Select (CRS)

What is the CryoRobot Select (CRS)?

The cryostorage systems currently used in IVF clinics worldwide mostly rely on technology that was developed more than four decades ago. These manual storage systems involve human processes for handling specimens and for documenting patient information. Although the current manual system is effective, it involves unnecessary handling and movement of patient samples during removal of samples for unrelated procedures.

Over the last three years, the Hewitt Fertility Centre has completed in-depth studies to quantify the potential hazards associated with manual cryostorage of eggs and embryos following fertility treatment. The findings of these studies have shown that there continues to be risks associated with manual cryostorage *for in vitro fertilisation* (IVF), even when clinics use radio frequency identification (RFID) witnessing technology and with well-established standard operating procedures to reduce risk.

The CryoRobot Select (CRS), developed by TMRW Life Sciences, is a groundbreaking advancement in IVF cryostorage. TMRW developed the first automated platform designed for the safe management and storage of frozen eggs and embryos. This innovative technology has recently become accessible for cryostorage following fertility treatment, and the Hewitt Fertility Centre is the first clinic outside of the USA to make it available to patients. The CRS uses digital technology to effectively monitor, track, and retrieve frozen eggs and embryos, and so significantly reduces the number of potential points of failure caused by unnecessary handling of patient samples when using routine manual cryostorage systems.



- **Individually contained beacons**
- **Reduced manual handling events**
- **Ideal for long-term storage**
- **Scan the QR code below for more information:**



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Who can use the CRS?

The CRS is available for patients with eggs or embryos available for storage after their fertility treatment or for those who already have eggs or embryos in manual storage.

How can you request the CRS for your egg or embryo storage?

If you would like more information on the CRS as part of your treatment and any cost implications, this will be provided during an appointment with your clinician when planning your NHS or self-funded treatment.

This leaflet can be made available in different formats on request. If you would like to make any suggestions or comments about the content of this leaflet, then please contact the Patient Experience Team on 0151 702 4353 or by email at pals@lwh.nhs.uk

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