

Dear Customers

30 March, 2007.

Release of MediCult Vitrification Kit with HSV straw - Product No. 1220 2001

In addition to our present MediCult Vitrification Kit with McGill Cryoleaf™, MediCult now releases a 'closed system' Vitrification Kit with the **High Security Vitrification (HSV) straw**.

The HSV straw is a heat-sealed carrier device from Cryo Bio System (CBS), which prevents any direct contact between the specimen and the liquid nitrogen.

The HSV carrier system is CE marked and 510(k) cleared.



MediCult will continue to offer our customers the McGill Cryoleaf™, hence giving customers a unique choice between an 'open' and a 'closed' vitrification system.

MediCult Vitrification Kits

Product name	MediCult Vitrification Kit with HSV Straw	MediCult Vitrification Kit with McGill Cryoleaf™
Catalogue no.	1220 2001	1218 2001
No. of carriers	4	8
Colour of carrier	Red only	Green only
Media	2 x1 ml cooling media	2 x 1 ml cooling media
Product benefits	<ul style="list-style-type: none">• Closed system – no direct contact to LN₂ maximises safety• Smaller size fits into most nitrogen storage tanks• Simple, 4-step protocol (including heat-sealing)• Same protocol for oocytes, embryos and blastocysts• CE marked and 510 (k) cleared	<ul style="list-style-type: none">• Open system – maximises cooling rates, reduces cryodamage• Easy handling during loading and warming due to size of handle• Elegant design protects the specimen during loading and storage• Simple 3-step protocol• Same protocol for oocytes, embryos and blastocysts

A heat-sealing unit is required to seal the HSV carrier, and CBS recommends using their SYMS manual sealing unit.

For more information regarding the SYMS unit, please refer to the enclosed product description.

MediCult vitrification product range

Kits (media + carrier)

MediCult Vitrification Kit, incl. 8 McGill Cryoleaf™, cat. no. 1218 2001

MediCult Vitrification Kit, incl. 4 HSV Straw, cat. no. 1220 2001

Media only

MediCult Vitrification Cooling, cat. no. 1218 4001

MediCult Vitrification Warming, cat. no. 1219 5002

Carrier only

McGill Cryoleaf™, 14 units, cat. no. 4077 1401

MediCult vitrification

MediCult vitrification media and carrier systems are products designed as new technology solutions within cryopreservation – a market segment, where we believe MediCult is the market leader.

Vitrification is a cryopreservation method, which especially overcomes the problem of ice formation. In this way, survival rates are improved compared to slow freezing. This is particularly true for vitrified oocytes and blastocysts. Future studies will probably show that the same is true for all IVF embryo stages.

MediCult vitrification media are ready-to-use, DMSO-free, and contain ethylene glycol and propanediol for safety and performance. The protocols are convenient and easy-to-use, as they are the same for oocytes and embryos, incl. blastocysts – they are also the same irrespectively of the carrier used.

If you have any questions or comments, please do not hesitate to contact us:

e-mail: Patrick@meditechist.com and telephone: (514)344-6667.

Best regards,

Patrick Chebli

Meditech IST. Canada Inc.