cordstem

BAG FOR CRYOPRESERVATION OF UMBILICAL CORD STEM CELLS

Cordstem is the result of the experience and long-term research of Biomed Device: each technical detail has been designed to offer a complete, safe and versatile product, complying with the current standards in force concerning the treatment of stem cells.
The bags have been designed and made to fulfil the requirements of hospital workers in the best manner possible. They are made of high quality materials that guarantee durability and ease-of-use.

3 satellite tubes

Cordstem is equipped with three satellite tubes, which allow for the collection of three samples.

Complete traceability

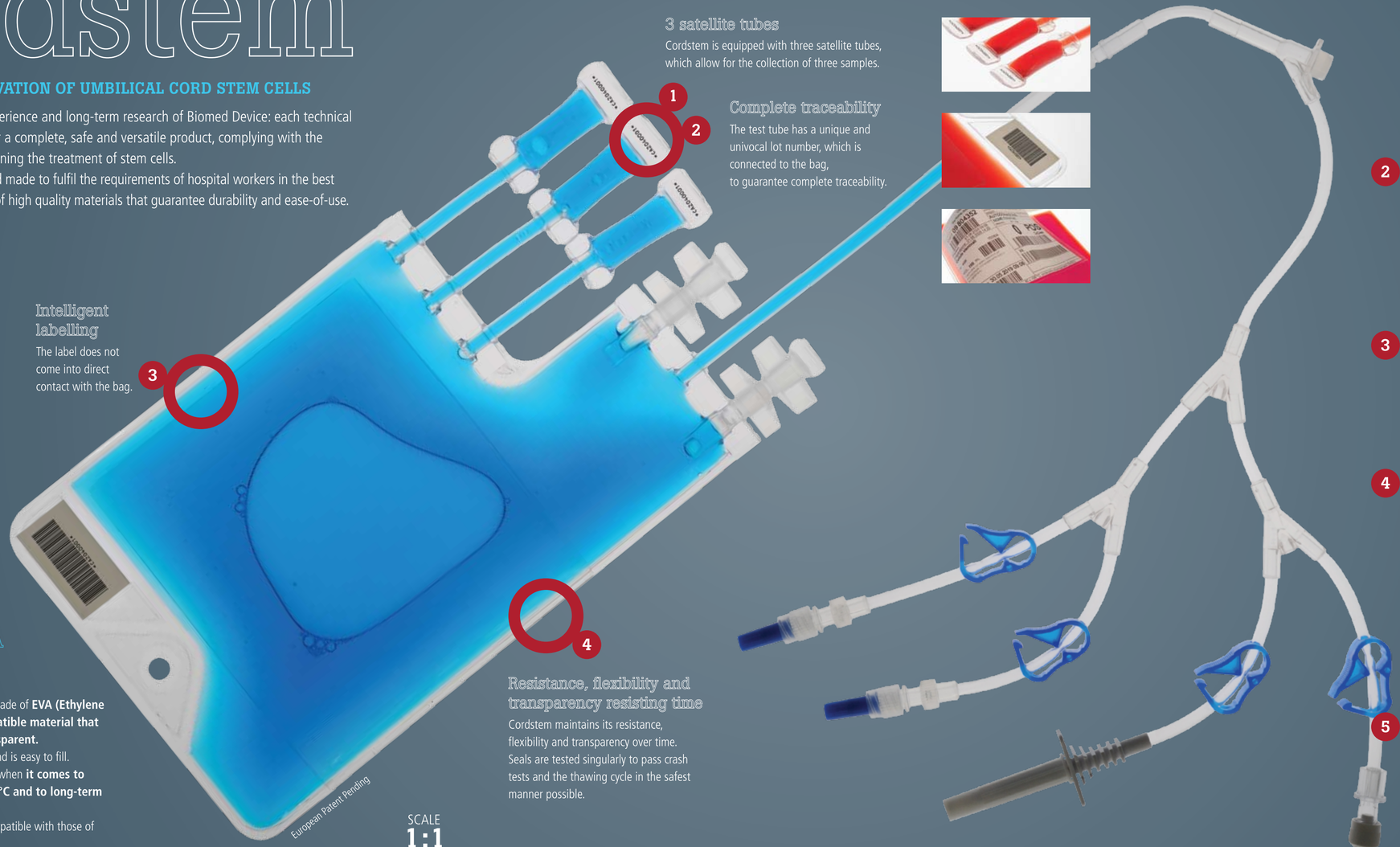
The test tube has a unique and univocal lot number, which is connected to the bag, to guarantee complete traceability.

Intelligent labelling

The label does not come into direct contact with the bag.

Resistance, flexibility and transparency resisting time

Cordstem maintains its resistance, flexibility and transparency over time. Seals are tested singularly to pass crash tests and the thawing cycle in the safest manner possible.



SCALE
1:1

Cordstem is made of EVA

(Ethylene Vinyl Acetate)

The Cordstem bag and bag cover are made of **EVA (Ethylene Vinyl Acetate)**, which is a **bio-compatible material that is resistant, flexible and very transparent.**
The EVA bag cover is adhesion-proof and is easy to fill.
It guarantees the maximum protection when **it comes to freezing in liquid nitrogen at -196°C and to long-term preservation of stem cells.**
The sizes of bag and bag cover are compatible with those of standard storage containers.

1 3 available testing opportunities

Cordstem is equipped with **three satellite tubes** to allow for sampling of cells without having to open the circuit or thaw out the bag.
The tubes are **directly connected to the main bag**, to which they remain sealed also during the freezing cycle. They contain a maximum of 1.5 ml of material.
The infeed/outfeed terminals are also made of EVA.
Their length, inner volume and diameter make them suitable for being sealed and used as samples

2 complete traceability

A numeric code connects the bag to the sample in an indissoluble manner. The tube has a unique and univocal lot number to guarantee complete traceability, in compliance with the GMP standards. Thanks to this solution, the risk of loss or errors is drastically reduced.
The bag features a bar code that can be read with a standard electronic pen so that information can be directly fed to internal management systems (e.g. Emonet).

3 intelligent labelling

The bag features a large support to allow for the application of a **complete label complying with the guidelines of certifications in force.** The label is glued to an external panel to prevent glue from entering into direct contact with the bag, which could compromise preservation or pollute contents.

4 resistance and versatility

Cordstem has been made in accordance to the highest quality standards to offer the utmost freedom and ease-of-use.
Cordstem bags and bag covers are **sterile** and made using bio-compatible material; **their resistance, flexibility and transparency properties remain unchanged over time,** which is essential for clear and rapid reading of the information printed on the label. **Seals are tested singularly** so as to pass crash tests and thawing cycles in the safest manner possible and to guarantee sealing and sterility of the bag.
Tubes, ports, luer locks, fittings and connectors are made of DMSO/Dextran resistant materials, and are compatible with the most commonly used sterile sealing systems currently available.

5 certified quality

Cordstem is CE certified as MD due to its specific use, with **CE 0051**.
The entire production process fulfils the requirements of the **ISO 13485** certification.
Product covered by international industrial patents.

CSQ MED · IMQ · eVA · CE 0051

Biomed Device:
intelligent solutions
quality of materials
care for details
certified standards

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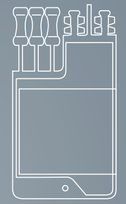

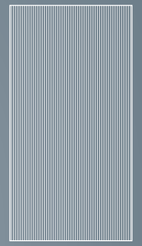

PRODUCT CODE	RATED VOLUME	FILLING VOLUME	SIZE OF BAG width x height	SIZE OF BAG COVER width x height
CS 50	ml 50	ml 10 - 30	mm 130 x 80	mm 160 x 100
CS 500	ml 500	ml 60 - 100	mm 122 x 220	mm 140 x 320

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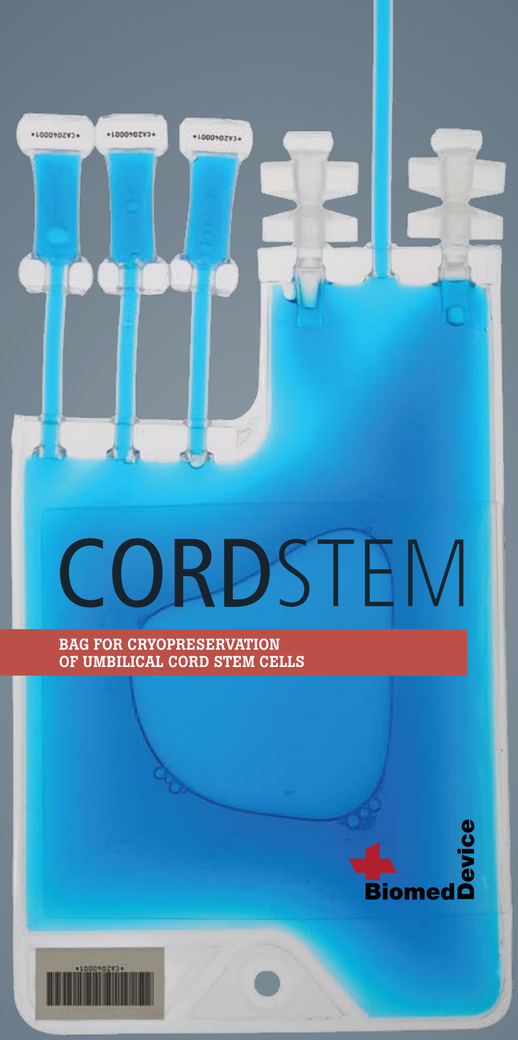

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