

# Supervitri device validation in the mouse model. Part I

## Measurements summary

PERFORMED BY

embryotools®



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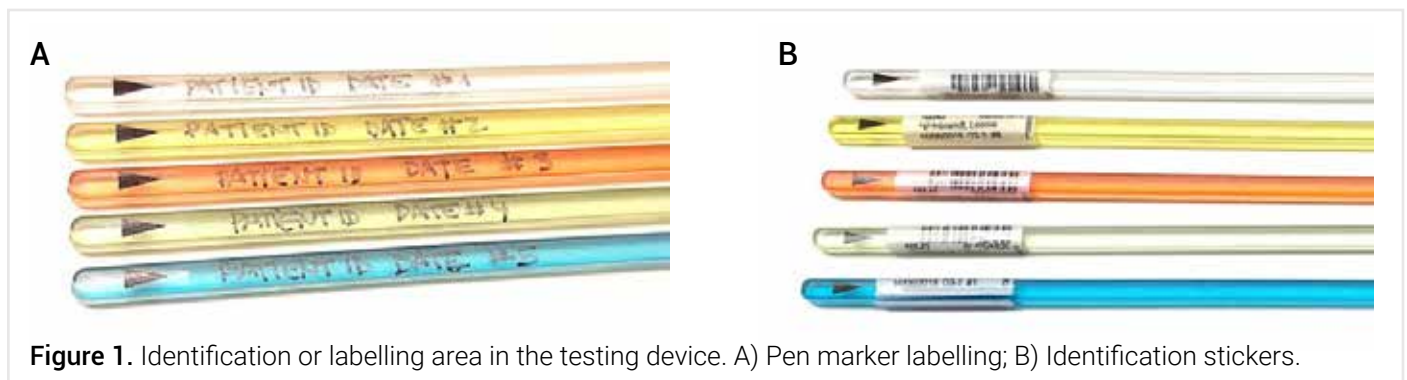
# Measures

## Measurements summary

Supervitri device	Approximate measurements
Device length (capped)	13 cm
Device length (uncapped)	12,5 cm
Body length	9,8 cm
Body width	0,3 cm
Entire tip length	2.7 cm
Loading strip length	1.5 cm
Loading area length	0.8 cm
Loading strip width	1172.7 ± 0.7 µm

## Evaluation of identification/labelling area

The labelling area is adequate and wide enough to write the sample identification with a marker. Similarly, the labelling area is also considered convenient to stick identification stickers (Figure 1).



**Figure 1.** Identification or labelling area in the testing device. A) Pen marker labelling; B) Identification stickers.

## Evaluation of minimum volumes needed

As a general characteristic of the surface type open vitrification systems, specimens can be loaded within a minimum volume (0.1 µl) of vitrification solution to ensure the best cooling and warming rates.

## Resistance or tightness in liquid nitrogen

For the period of two weeks, Supervitri devices were stored in LN2 and they showed to be resistant to LN2 storage and not propense to break or crack. Similarly, the cap of the device did not fall apart of the body of the device, break or crack and maintained properly sealed the tip, protecting the samples.

# Our company

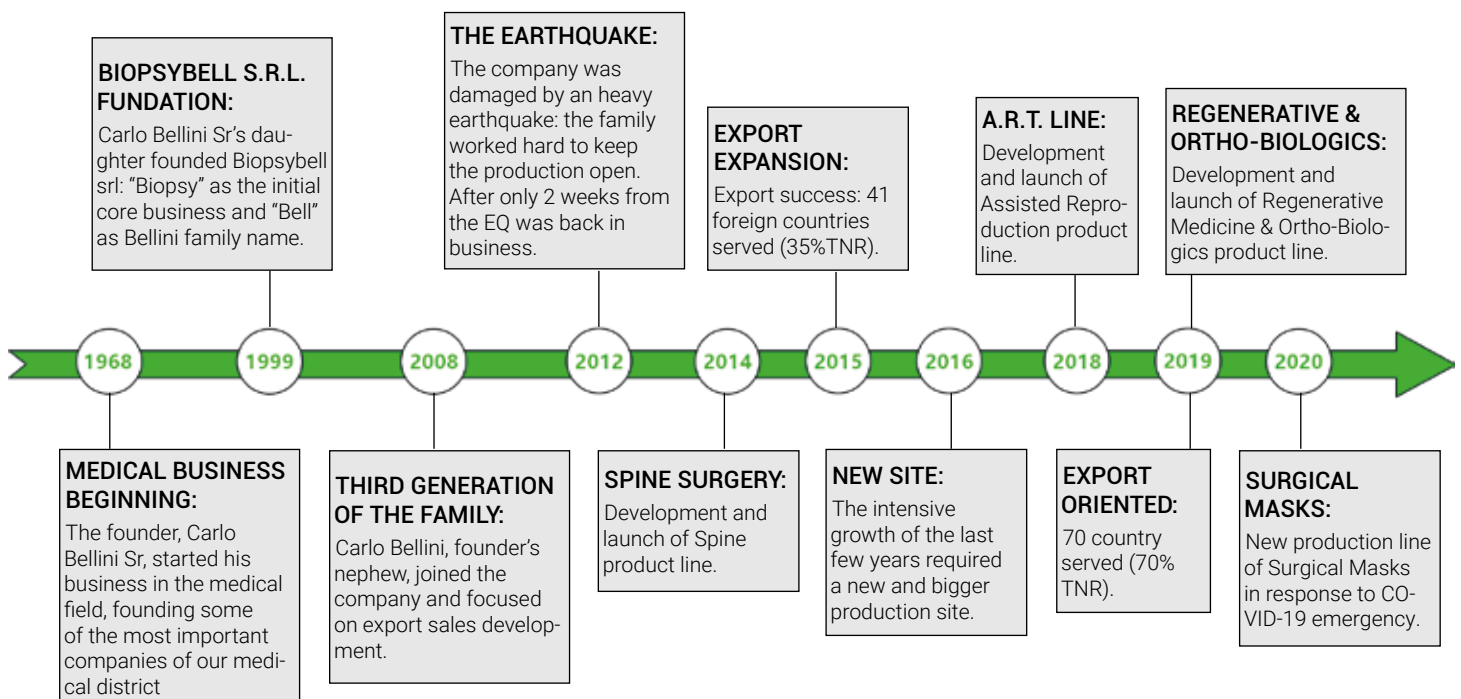


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BPB MEDICA™ was founded in 1999 by the Bellini family, boasting thirty year's experience in the biomedical sector. The founder, Carlo Bellini Sr., started the business in 1968 and has passed down to his heirs ethics, integrity and spirit of sacrifice. Today BPB MEDICA™ has leveraged its 50 years experience to develop new innovative product lines, growing the company on international level.



**EXPERIENCE**



# Our company

**BPB MEDICA's™ philosophy** is to grow alongside the needs of patients, doctors and hospital staff in general. Backed by the experience acquired by the company's specialized technical personnel and thanks to newly-adopted technologies, BPB MEDICA™ has quickly managed to make a name for itself on the domestic and international markets.



**COUNTRIES SERVED**



BPB MEDICA™ provides painstaking service to its clientele and its primary aim is product quality. The **internal Regulatory and Quality Departments** conducts rigorous tests, from the raw materials to the equipment and the finished product. This allowed the company to obtain CE, ISO 13485 and the establishment registration by FDA.



BPB MEDICA™ operates with high qualitative standards aimed at increasing customer satisfaction through a continuous improvement regime. We conduct multiple quality tests during the entire production process: this allows to reduce the production waste and grant high quality products.



Thanks to the **internal R&D Department** BPB MEDICA™ conducts constant research in the reference pathologies with an aim to ever better qualifying and improving its production standards and aiding the development of new products.



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