

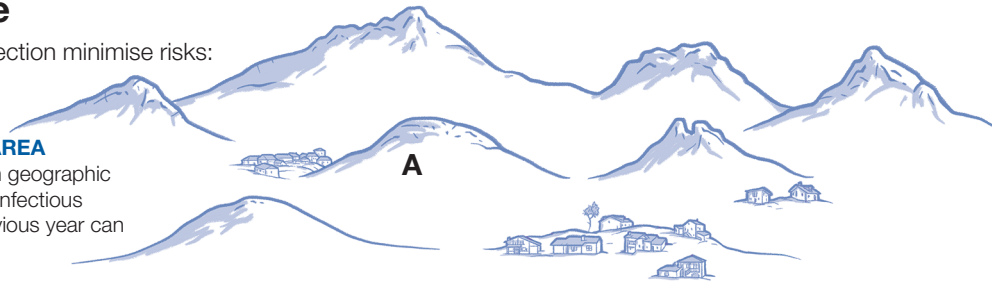
# GUARANTEED SAFETY

## Cell source

Four levels of protection minimise risks:

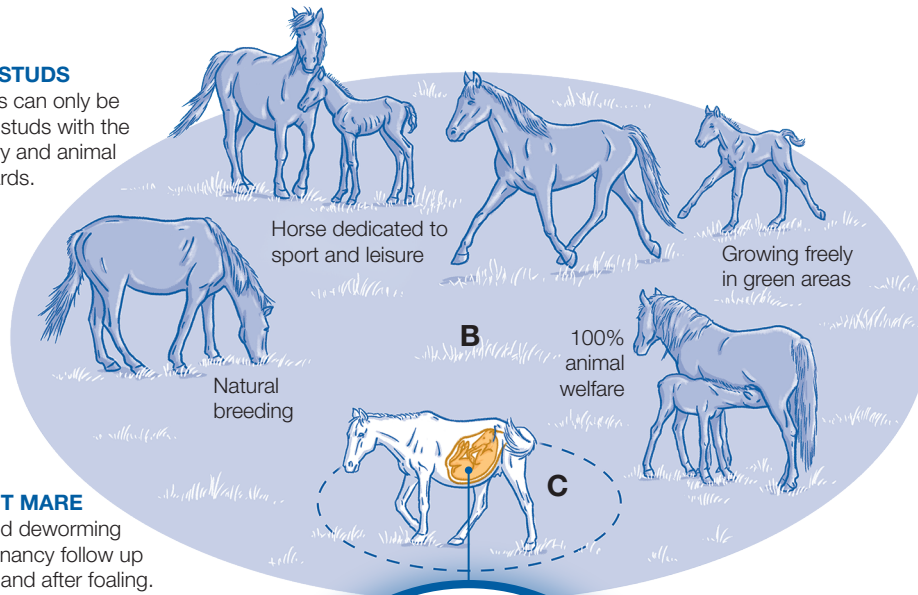
### A: GEOGRAPHIC AREA

Only studs located in geographic areas free of equine infectious outbreaks in the previous year can donate tissue.



### B: HEALTHY STUDS

Umbilical cords can only be obtained from studs with the highest sanitary and animal welfare standards.

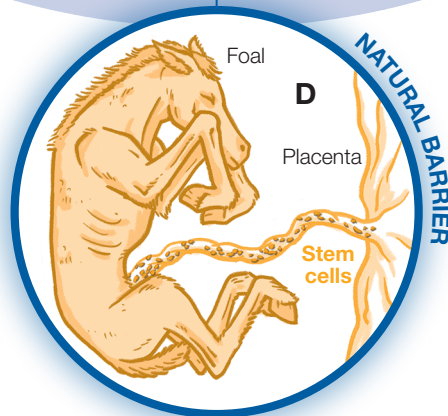


### C: PREGNANT MARE

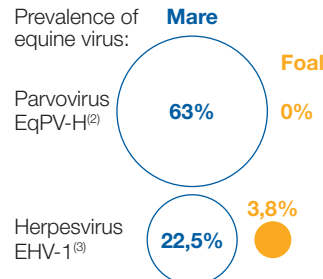
Vaccination and deworming program. Pregnancy follow up before, during and after foaling.

### D: THE SAFEST TISSUE

Mesenchymal stem cells are isolated from umbilical cords, which are less likely to contain infectious agents<sup>(1)</sup>.



Even if the mare suffers an infection, the placenta acts as a barrier. The viruses rarely infect the foal:



(1) EMA-ADVENT guidelines.  
 (2) Tomlinson et al, 2020.  
 (3) Foote et al, 2003.

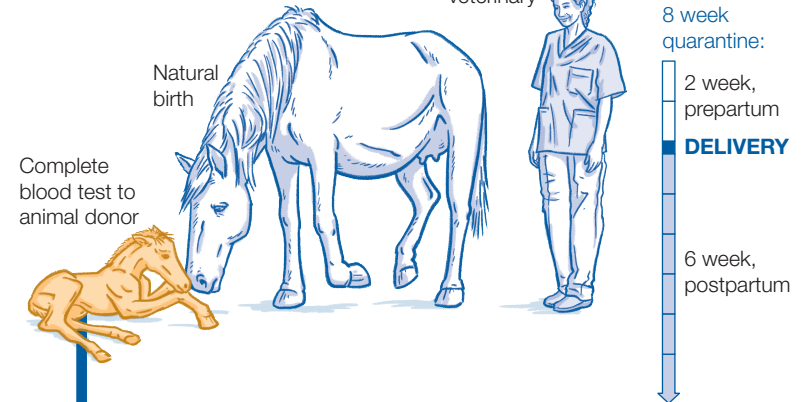
## Manufacturing

The production method designed ensures safe and contamination-free and umbilical cord mesenchymal stem cells.

### 1 VETERINARY CONTROL

Continuous monitoring of the donor mare and foal is mandatory.

Permanent veterinary



### 2 TRANSPORT

The umbilical cord is transport in a patented antibiotic medium. 2-8°C temperature controlled and according to Good Distribution Practices (GDP).



### 3 QUALITY CONTROLS

The cord, the stem cells and the final product pass exhaustive tests, including PCR for dozens of known viruses.



### 4 TREATMENT

A pharmaceutical product free of pathogens is assured.

