

ORGANS, BLOOD, TISSUES & CELLS IN THE EU



BLOOD TRANSFUSION
25 MILLION / YEAR



BONE MARROW TRANSPLANT
31 THOUSAND / YEAR



ASSISTED REPRODUCTION
CYCLES OVER 1M* (IN 2019)

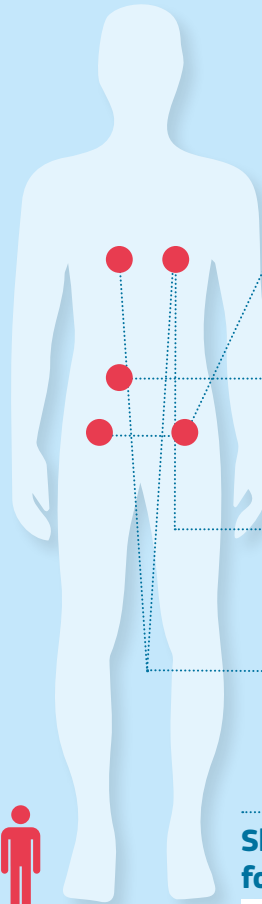


OTHER TISSUES :
HEART VALVES | SKIN | BONE | CORNEA



PLASMA FOR MANUFACTURING
MEDICINES
8,4 MILLION LITRES / (IN 2021)

FROM DONOR TO RECIPIENT



ORGAN TRANSPLANTS

16 794
KIDNEY



6 804
LIVER



2 076
HEART



1 815
LUNG



OTHERS

449
PANCREAS

14
SMALL BOWEL

HAND

FACE

TOTAL
IN 2022
28 THOUSAND

52 THOUSAND
PATIENTS ON WAITING
LIST ON 31/12/2022

Shortcomings/gaps in legal framework for blood, tissues & cells

1. Technical rules no longer reflect science
2. Inadequate protection of some citizens, particularly donors
3. Variable oversight limits cross-border trust, exchange and access
4. Review of Clinical outcome data and more legal clarity needed to support innovation
5. Risks for supply disruptions are not addressed

(Source 2019 Evaluation)

REVISION WILL
STRENGTHEN EU
LEGISLATION

EU ACTIONS



SET SAFETY & QUALITY STANDARDS



MANAGE ALERT, VIGILANCE & TRACEABILITY SYSTEMS



COORDINATE AND EXCHANGE GOOD NATIONAL PRACTICES



FUND IMPROVEMENTS IN NATIONAL SYSTEMS

https://health.ec.europa.eu/blood-tissues-cells-and-organs_en

Sources: CoE/ONT, ESHRE, EBMT, Commission Reports on Implementation, SEC Coding Platform, Annual Commission Summaries on Serious Adverse Reaction and Events (SARE), Marketing Research Bureau

Updated: November 2023

* In 40 European Countries

MEDICAL CENTRES

1 400

BLOOD ESTABLISHMENTS

3 492

TISSUE ESTABLISHMENTS

696

ORGAN TRANSPLANT PROGRAMMES