

## HPC DATA- activity 2021

COUNTRY

DONOR REGISTRIES

POTENTIAL DONATION	Registered at 01/01 00:00	Enter in the year	Exit in the year	Registered at 31/12 24:00
N° of HPC potential donors (# of registered and typed HPC donors)	59.783	1.850	490	61.143
N° of HPC Cord Blood units (# of registered and typed cord blood units available for transplantation of unrelated patients)	3.656	21	2	3.675

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SEARCHING IN THE NATIONAL REGISTRIES	COUNTRY	EU	Extra EU	Total
N° OF SEARCHES REQUESTED	175	43	151	369
N° OF SEARCHES PERFORMED in the national registry	97	43	151	291
N° OF SEARCHES PERFORMED in the foreign registry	78			78
N° OF UNRELATED DONATION	48	0	1	49
- from the own COUNTRY	16	0	1	17
- from the EU countries	30			30
- from the EXTRA EU countries	2			2

DISTRIBUTION and EXCHANGE  DISTRIBUTION AND DISTRIBUTED NATIONALLY	DICTRIBUTED	RECEIVED			DISTRIBUTED		
	From EU countries	From Extra EU countries	Total	To EU countries	To Extra EU countries	Total	
N° of UNRELATED (unit: Cell product from one donor, regardless of the number of donations/containers)	16	30	2	32	2	1	3
- Bone Marrow ( M )	7	4	0	4	0	0	0
- Peripheral Blood ( A )	9	26	2	28	0	1	1
- Cord Blood ( C )	0	0	0	0	2	0	2

ONATION

DONATION	AUTOLOCOUS .	ALLOGENIC			
DONATION	AUTOLOGOUS	Related	Unrelated	Total	
N° of donation (unit: Cell product collected from one donor in one donation procedure)	552	60	403	463	
- from Bone Marrow ( M )	0	19	7	26	
- from Peripheral Blood ( A )	293	35	12	47	
- from Cord Blood ( C )	259	6	384	390	

CORD BLOOD BANKS

BANKING of CORD BLOOD	Collected	Cryopreserved	Distributed
N° of UNRELATED cord blood units	384	33	2
- from the own COUNTRY	384	33	2
- from EU countries	0	0	0
- from EXTRA EU countries	0	0	0
N° of RELATED cord blood units	6	6	0
- from the own COUNTRY	6	6	0
- from EU countries	0	0	0
- from EXTRA EU countries	0	0	0

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	AUTOLOGOUS		RELATED		UNRELATED	
TRANSPLANTATION	Transplants (total)	Recipients (1st transplant)	Transplants (total)	Recipients (1st transplant)	Transplants (total)	Recipients (1st transplant)
N° of transplants	187	147	47	37	50	47
- from Bone Marrow ( M )	0	0	19	15	11	10
- from Peripheral Blood ( A )	187	147	28	22	39	37
- from Cord Blood ( C )	0	0	0	0	0	0

OTHER PROCEDURES associated WITH HPC	AUTOLOGOUS		RELATED		UNRELATED	
transplantation	N. of Procedures	N. of Recipients	N. of Procedures	N. of Recipients	N. of Procedures	N. of Recipients
Type of procedure	13	13	18	9	14	11
Donor Lymphocyte Infusion	0	0	16	7	14	11
Other (Auto rescue)	1	1	0	0	0	0
Other (CD34 boost)	1	1	2	2	0	0
Other (CAR-T cells)	11	11	0	0	0	0