

El Papel del Banco de Sangre de Cordón Umbilical del CNTS en el mundo.

Reporte 2007 de la WMDA



World Marrow Donor Association

- La WMDA es un esfuerzo de colaboración internacional entre organizaciones e individuos involucrados en la donación y trasplante de células progenitoras hematopoyéticas.
- Una de las metas de la WMDA es recolectar el número de unidades de CPH provistas por los registros y bancos de CPH para trasplante.
- Este registro se vierte en un documento, que se produce anualmente desde 1997, lleva por nombre ***Stem Cell Donor Registries Annual Report*** y se encuentra en su 11^a Edición 2007.

PARTICIPATING CORD BLOOD BANKS/REGISTRIES

Argentine CPH Donors Registry, AusCord Australia, Austrian Cord Blood Registry, Marrow Donor Program Belgium, LeuvenCord Belgium, Redome Brazil, Victoria Angel Registry of Hope Canada, Shandong Umbilical Cord Blood Bank China, Czech Stem Cell Registry, Cycord Cyprus, Finnish Cord Blood Bank, France Greffe de Moelle, ZKRD German Cord Blood Bank, Jose Carreras Stammzellbank Düsseldorf, Hellenic Cord Blood Bank, Hadassah Unrelated Donor And Cord Blood Registry, Sheba Cord Blood Bank, Italian BMDR and Cord Blood Bank Network, Tokyo Cord Blood Bank, Korea Cord, Catholic Hematopoietic Stem Cell Bank Korea, Seoul Cord Blood Bank Korea, Bacecu Mexico, CordMX CNTS Mexico, Eurodonor Foundation Netherlands, Poland Unrelated Bone Marrow Donor and CB Registry, Politransplant Poland, Singapore Cord Blood Bank, Eurocord Slovakia, REDMO Spanish Cord Blood Registry, Swedcord Swedish National Cord Blood Bank, Swiss Blood Stem Cells, Bionet Babybanks Corp. Taiwan, StemCyte Taiwan National Cord Blood Center, Buddhist Tzu Chi Stem Cells Center Taiwan, Healthbanks Taiwan, Thai Stem Cell Donor Registry, Ankara University Faculty of Medicine Turkey, London Cord Blood Bank, Caitlin Raymond International Registry, Celgene Cord Blood Bank, Elie Katz Umbilical Cord Blood Bank, Michigan Community Blood Centers Cord Blood Bank, NMDP Network, StemCyte Inc., Gift of Life Bone Marrow Foundation, St. Louis Cord Blood Bank, New York National Cord Blood Program, University of Colorado Cord Blood Bank.

Se encuentran incluidos:

Registros de Bancos de Cordón

Bancos de Cordón

REDES:

Red Italiana: Incluye 12 BSCU

NMPD: Incluye 22 BSCU

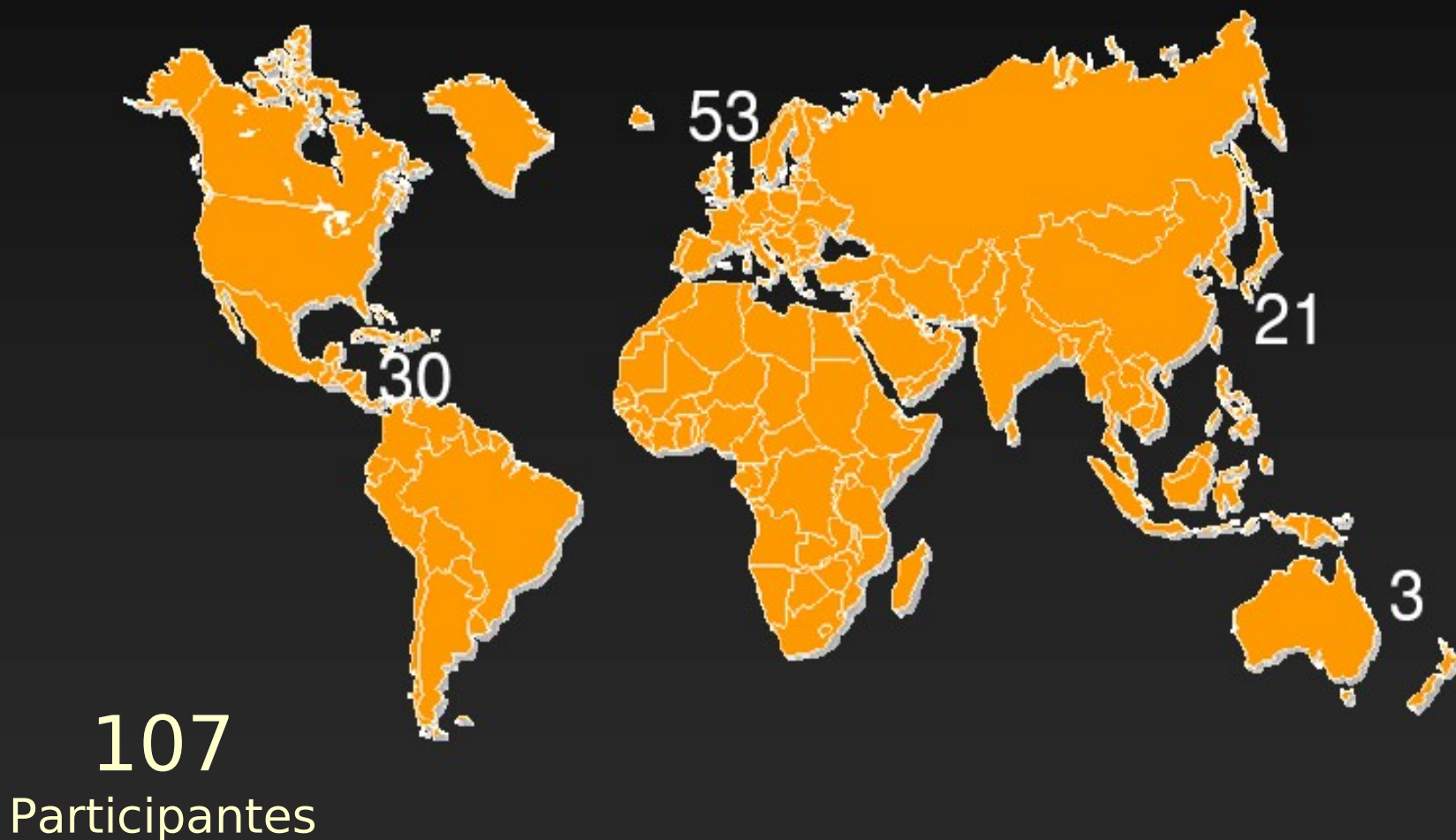
BANCOS DE CORDON DE NUEVO INGRESO EN 2007



NEW CORD BLOOD BANKS in 2007

- Korea: Seoul Cord Blood Bank
- Mexico: CordMX CNTS
- Sweden: Swedcord
- USA: Gift of Life Marrow Foundation

Where are cord blood banks/registries located?



How many units are stored in each continent?



406, 496 unidades de cordón almacenadas

Table 6: Percentage of cord blood units provided for transplantation in relation to the number of cord blood units present

COUNTRY	Cord blood units		%
	PROVIDED	AVAILABLE	
Mexico CNTS	37	974	3.799%
France	195	6,164	3.164%
Japan (Tokyo)	149	5,238	2.845%
Brazil	30	1,983	1.513%
USA-NMDP Network	882	72,950	1.209%
USA-New York	416	36,002	1.155%
Belgium	70	6,423	1.090%
Greece	5	530	0.943%
Australia	158	18,094	0.873%
Germany Duesseldorf	94	12,923	0.727%
Italy Cord Blood Network	103	16,402	0.628%
Switzerland	11	1,882	0.584%
Netherlands	20	3,505	0.571%
Israel Sheba	7	1,326	0.528%
Spain	152	28,801	0.528%
United Kingdom	43	9,102	0.472%
Korea KMDP	60	14,307	0.419%
USA-Michigan	9	2,318	0.388%
Germany	21	6,241	0.336%
Czech Republic	9	2,792	0.322%
China Shandong	16	6,048	0.265%
Belgium Leuven	19	7,582	0.251%
Taiwan BTCSCC/CBB	7	5,352	0.131%
USA-Gift of Life	1	772	0.130%
Taiwan Healthbanks	2	1,734	0.115%
USA-Celgene	4	4,079	0.098%
Finland	2	2,805	0.071%
USA-CRIR	6	10,636	0.056%

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Reporte 2007 WMDA

México se posicionó en **Primer Lugar Mundial** en unidades trasplantadas de cordón umbilical de acuerdo al inventario

INDICE DE PRODUCTIVIDAD

WORLD MARROW DONOR ASSOCIATION
CORD BLOOD BANKS/REGISTRIES ANNUAL REPORT 2007



Table 7: Percentage of cord blood units exported in relation to the number of cord blood units present



WORLD MARROW DONOR ASSOCIATION
CORD BLOOD BANKS/REGISTRIES ANNUAL REPORT 2007

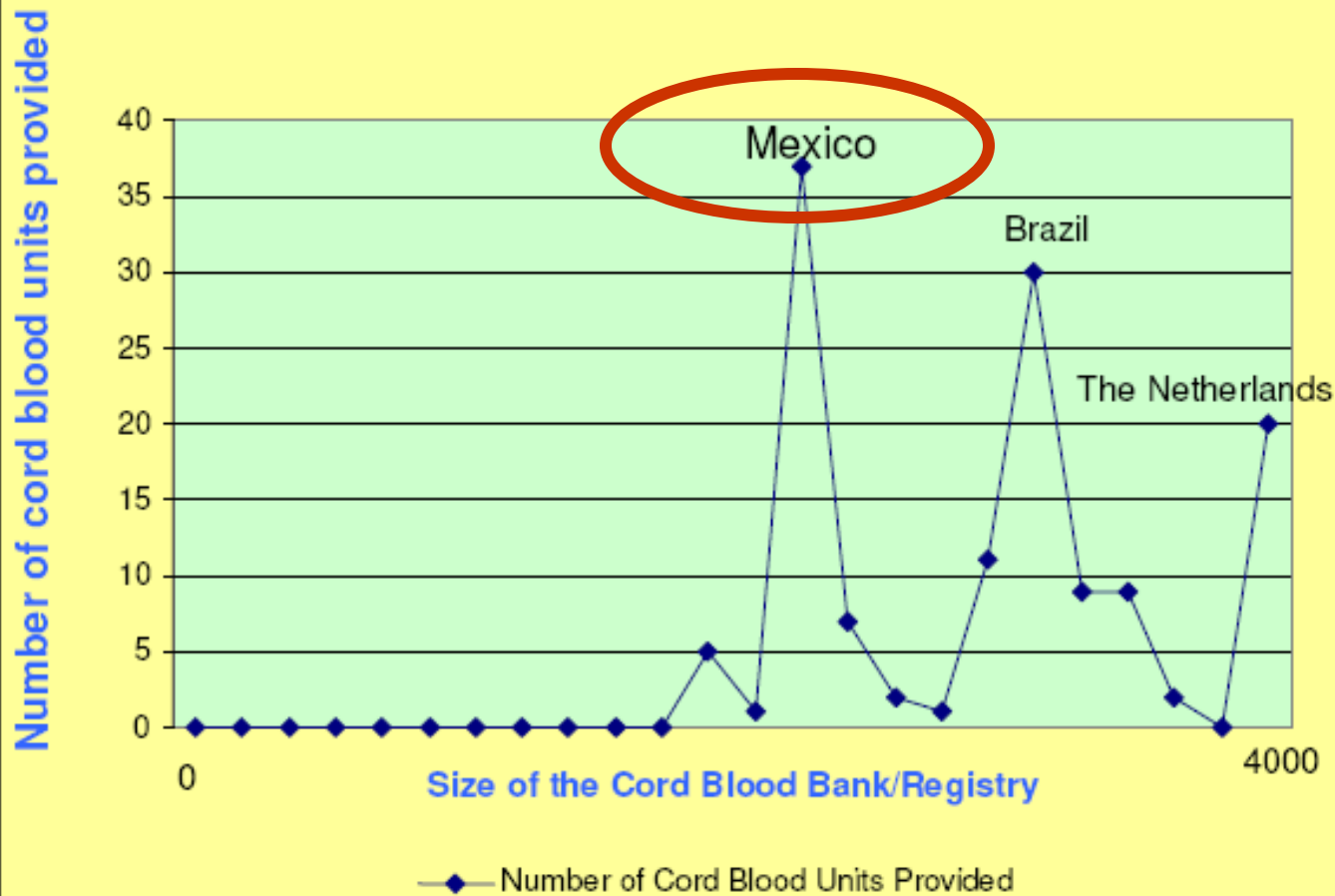
México
13° Lugar Mundial
en unidades exportadas
de acuerdo al inventario

COUNTRY	Cord blood units		%
	PROVIDED	AVAILABLE	
France	76	6,164	1.233%
Belgium	66	6,423	1.028%
Germany Düsseldorf	92	12,923	0.712%
Australia	104	18,094	0.575%
Netherlands	20	3,505	0.571%
USA-New York	197	36,002	0.547%
Italy Cord Blood Bank Network	79	16,402	0.482%
Switzerland	9	1,882	0.478%
United Kingdom	35	9,102	0.385%
Spain	95	28,801	0.330%
Czech Republic	9	2,792	0.322%
Germany	20	6,241	0.320%
Mexico CNTS	3	974	0.308%
USA-NMDP Network	189	72,950	0.259%
Belgium Leuven	18	7,582	0.237%
Israel Sheba	3	1,326	0.226%
USA Gift of Life	1	772	0.130%
USA-Michigan	3	2,318	0.129%
Taiwan BTCSCC/CBB	4	5,352	0.075%
USA Celgene	3	4,079	0.074%
Taiwan Healthbanks	1	1,734	0.058%
Finland	1	2,805	0.036%
Japan (Tokyo)	1	5,238	0.019%

COUNTRY	Cord blood units		%
	PROVIDED	AVAILABLE	
France	76	6,164	1.233%
Belgium	66	6,423	1.028%
Germany Düsseldorf	92	12,923	0.712%
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Figure 12: Size of the cord blood bank versus the number of cord blood units provided for transplantation (cord blood banks/registry < 4,000 units)



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Estos resultados convierten al CNTS y a México en el Programa de Cordón más **eficiente** a nivel mundial: **Muchos trasplantes realizados con un inventario pequeño.**

Los Retos irrenunciables para el CNTS y para México.

**Ampliación del BSCU a unidad de
terapia celular para:**

- **Criopreservación de MO en trasplante autólogo.**
- **Medicina Regenerativa**
- **Terapia celular**

**Conversión del BSCU en un OPD :
PROYECTO SUSTENTABLE Y
AUTOFINANCIABLE.**