

## APBMT Annual Report 2020

Asia-Pacific Blood and Marrow Transplantation Group SECRETARIAT OFFICE / DATA CENTER OF APBMT















































## Asia-Pacific Blood and Marrow Transplantation Group

(APBMT)

**Annual Report** 

2020

**Secretariat Office / Data Center of APBMT** 

E-mail: office@apbmt.org

Website: https://www.apbmt.org

#### **Contents**

#### Introduction

General Overview 2020

**Bylaws** 

Organizational Tree

Principal Member List

**Annual Congresses** 

Number of Attendees for Each Annual Congress

#### **Registry Committee**

**About Registry Committee** 

**About Activity Survey** 

About Outcome Registry

Registry Committee Member List

#### **Nuclear Accident Management (NAM) Committee**

NAM Committee Activities and Member List

#### **Executive Board**

**Executive Board Activities** 

**Executive Board Members** 

#### **Collaboration with Other International Registries**

General Information

History of International Scientific Symposia

#### **Blood Cell Therapy - The Official Journal of APBMT-**

About the Journal

Editorial Board Member List

List of the Accepted Articles

#### **Appendix**

Offering Delta Mileage to Medical Professionals in Emerging Countries

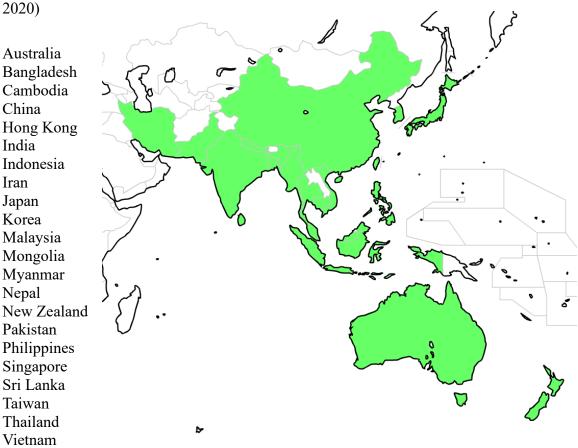
Cooperate Members and Banner Contributions

- 2 -

### Introduction

#### **General Overview 2020**

All 22 of APBMT's participating countries/regions are listed here. (As of December



This Annual Report is the 13th edition and the 2nd digital one, which includes APBMT activities from January to December in 2020. Though the COVID-19 pandemic had a powerful influence on the field of HSCT medicine in this region throughout the year, all doctors and allied health professionals made a great effort to care for patients with hematological diseases. The COVID-19 pandemic had also forced us to give up holding the in-person annual congress in India, however, the organizing committee in the Indian Society for Blood and Marrow Transplantation successfully convened our first annual congress on the virtual platform in collaboration with the APBMT Executive Board.

Please note that from this edition, the results of the Activity Survey are separated from the Annual Report. You can find them on the APBMT website: <a href="https://www.apbmt.org/research/registry/survey">https://www.apbmt.org/research/registry/survey</a>

## BYLAWS OF THE ASIA PACIFIC BLOOD AND MARROW TRANSPLANTATION GROUP (APBMT)

#### **ARTICLE 1**

#### Name of the Group

The Asia Pacific Blood and Marrow Transplantation Group, hereafter referred to as APBMT was established in 1990 to allow doctors, other health professionals and scientists in the Asia Pacific region involved in clinical blood and marrow transplantation and therapies related to hematopoietic stem cell transplantation to collaborate and promote high quality blood and marrow transplantation in the region.

#### **ARTICLE 2**

#### Incorporation

APBMT is incorporated as Corporate Juridical Person for scientific and educational purposes under the laws of Japan.

#### **ARTICLE 3**

#### **Purpose of APBMT**

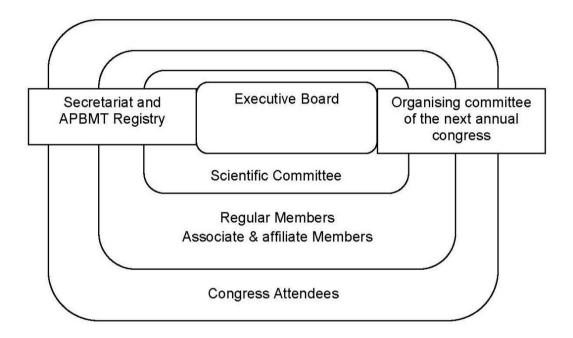
The group aims to promote all aspects associated with the hematopoietic stem cell transplantation (HSCT) and related therapies in the Asia Pacific region, which includes:

- To ascertain and provide the updated status of haematopoietic stem cell transplantation (HSCT) in the Asia Pacific region.
- To steer and regulate the HSCT Registry in the Asia Pacific region (Asia Pacific Blood and Marrow Transplantation Group Registry: APBMT Registry)
- To share current knowledge of all aspects of HSCT to promote and maintain the highest standards of care, and to work towards a set of standards and accreditation of transplant units.
- To provide training opportunities in HSCT in the Asia Pacific region.
- To promote collaborative research in the Asia Pacific region.
- To collaborate with other international organizations related with HSCT
- To work as a core voting member of WBMT

#### **ARTICLE 4**

#### Organization

The schema of the organization in APBMT indicates below.



4. Membership Any persons involved in the treatment of recipients and donors (such as physicians, nurses, laboratory technicians, persons related to stem cell donor programs or pharmaceutical companies), who are involved in HSCT and agree with the purpose of the group can become a member (see above section). New members are admitted by submitting a membership application form and CV up to 2 pages to the Secretary Office. This application must include the signature of an APBMT member as a presenter. There are two different kinds of memberships; Scientific members (physicians, nurses, laboratory technicians, persons related to stem cell donor programs) and Corporate members (pharmaceutical and for-profit companies). Scientific members include Regular, Associate, Affiliate, Honorary and Emeritus members. All members have to pay annual membership fees except for the Honorary and Emeritus members.

#### 4.1 Regular members

Regular members consist of members from medical fields with an M.D. or Ph.D sufficient experiences and demonstrated in hematopoietic stem cell transplantation / cellular therapy. A proposed new member must provide a membership application form and CV that includes professional qualification, work experiences, current employment and place of work to the Secretariat Office. Regular members must agree to abide by the regulations of APBMT, to participate in scientific endeavors of APBMT, to have good ethical and moral standards as well as no criminal record, as expected by professional societies. Regular members can attend the Business meeting but do not have voting right. Regular members can elect and can be elected as Scientific Committee members within each country.

#### 4.2 Associate members

Individuals with and M.D. or Ph.D who do not meet the criteria for regular membership will become Associate members. Associate members cannot attend the Business meeting and do not have voting right. Applicants are required to submit a membership application form and CV to the Secretariat Office.

#### 4.3 Affiliate members

Professionals who are members of HSCT / cellular therapy team or interested in HSCT / cellular therapy (NP, PA, Pham D, RN etc.) are eligible to be Affiliate members. Affiliate members cannot attend the Business meeting and do not have voting right. Applicants are required to submit a membership application form and CV to the Secretariat Office.

#### 4.4 Emeritus members

Anyone in APBMT who has contributed in a significant way to its development is eligible to become Emeritus Members. Emeritus members are nominated by the Executive Board and are approved by the Scientific Committee at the business meeting. Emeritus Members are eligible to participate in the business meeting.

#### 4.5 Honorary members

Individuals who are not an APBMT member but have contributed to the establishment or the development of APBMT are eligible to become an Honorary member. Honorary members are nominated by the APBMT members and are approved by the Scientific Committee at the business meeting. Honorary

members are ineligible to participate in the Business meeting.

#### 4.6 Corporate members

Representatives of commercial and for-profit companies can become Corporate members. Corporate members cannot attend the Business meeting and do not have voting right. Applicants are required to submit a membership application form and CV to the Secretariat Office

#### 4.7 Scientific Committee

Scientific Committee is the supreme decision-making body in APBMT. Each country can elect and nominate 1 voting member as the country representative. The vote is casted by the country representative but this right may be transferred to a designated substitute. If there is more than one nominee from one country, the Scientific Committee can vote to select one candidate. The names of the current members of scientific committee are listed and updated annually. The Chairman of the Executive Board, who also serves as the Chairman of the Scientific Committee, has the deciding vote if the vote is otherwise tied.

New Scientific Committee members need to be recommended by the current members of Scientific Committee among the members of the Regular Members and to get approval in the business meeting. Decisions are taken by majority voting (One vote/one country). A proposed new member must provide a brief CV up to 3 pages. The criteria to be a Scientific Committee Member include proven medical and/or scientific experience in HSCT; willingness to committee and participate in scientific endeavors of APBMT; no criminal record, good ethical and moral standards as expected by professional societies.

The Scientific Committee member has the following rights and obligations: 1) To attend the Annual Business Meeting; 2) To elect Executive Board members; 3) To decide on admission of new members; 4) To decide the annual fee for APBMT membership; 5) To make final decision on APBMT policies and its finance.

A Scientific Committee member will lose his/her rights as a representative of his/her country/region when he/she leaves his/her original country/region permanently.

#### 4.8 Executive Board

The Executive Board of APBMT steers the group for administration and all decisions that need to be taken for functioning of the organization in accordance

with the constitution and bylaws of the organization. The Executive Board is responsible for all running operations and decisions that are not due to be taken by the Scientific Committee at the annual meeting. The Executive Board, appointed by the Scientific Committee, will act on behalf of all members for regular decisions during the period between Scientific Committee meetings. During this period, the Scientific Committee need not be consulted unless a decision would affect the bylaws or contravene a decision previously made by the Scientific Committee. The Executive Board consisted of regular members (only one member permitted from one country) elected from the Scientific Committee. The maximum number of members of the Executive Board is nine. The Chairman of Executive Board represents APBMT.

#### 4.9 Officers of the Executive Board

- 1. Scientific Committee elects a) one Chairman of Executive Board, b) one Vice Chairman of Executive Board, c) several other Members of Executive Board including one Secretariat / Treasurer. The members of the Executive Board are elected by the business meeting, and serves for two years and may be re-elected for another term of two years.
- 2. The function of the Chairman of Executive Board is to promote and coordinate all activities of APBMT. These include fund raising, coordination of Working Group activities, giving suggestions to the organizers of the annual meeting, and negotiations with other organizations on behalf of APBMT.
- 3. The Vice Chairman supports the Chairman and will perform the duties of the Chairman in the absence.

#### 4.10 Secretariat/Treasurer

Secretariat / Treasurer shall oversee the maintenance of a permanent record of APBMT. The Secretariat / Treasurer shall have oversight of the budget of APBMT. The Secretariat / Treasurer Office works for the development and the maintenance of the group under the collaboration with the Chairman of Executive Board, the Chairman of the next annual congress, and the members of Executive Board and Scientific Committee.

## ARTICLE 5 Committees and Working Groups 5.1 Committees

APBMT will have the following Standing Committees to help with its work.

- 1. Membership Committee
- 2. Registry Committee
- 3. Program Committee
- 4. Nuclear Accident Management (NAM) Committee
- 5. Editorial Board of the Blood Cell Therapy, the Official Journal of APBMT Each of these committees will have a specific term of reference.

#### **5.2 Working Groups**

The aim of Working Groups is to enhance research in focused areas. The Executive Board and Scientific Committee of APBMT determine the formation of Working Groups as required. The application of the new Working Group and its chair person is approved by the members of the Scientific Committee in the Business Meeting (see Annex). The chair person of each Working Group is elected for three years and may stand for reelection once. The substructure of the Working Group is defined by the chair person in consultation with the Executive Board. Regular Members are encouraged to participate in one or more Working Groups according to their particular interests. The Working Group chair person must submit annual activity reports to the Scientific Committee and the Executive Board. The chairperson should adhere to the Working Group responsibilities, which are specified separately from the bylaws.

#### **ARTICLE 6**

#### Meetings

#### 6.1 Annual Congress

Any countries participating in APBMT can propose to be a host country of the Annual Congress. Host country of the future Annual Congresses will be decided by the Scientific Committee. The President of the next annual congress cooperates with the Executive Board for the year preceding the annual congress. The format of the meeting is to be standardized (see Annex section below).

#### 6.2. Business Meeting

The Scientific Committee will open the Business Meeting at least once a year. One of them will be held during the annual meeting. It is co-chaired by the Chairman of the Executive Board and the President of the Annual Congress. The Board may establish subcommittee / working party as the need arises.

#### 6.3 Board Meeting

The Executive Board of the APBMT shall meet in person at the annual meeting. It is presumed that all members will attend this meeting unless there are unavoidable personal circumstances. In addition, the board will meet via conference calls every 4-8 weeks, as needed. All members are expected to attend all scheduled board meetings.

#### **ARTICLE 7**

#### 7.1 APBMT Registry

A major activity of the APBMT will be to guide the development of national registries in each country. This data will then be collected into the combined APBMT registry in formats compatible with other international registries. Both activities and outcome data will be collected every year.

#### 7.2 Annual Report

The list of registrants and summary of analyses are published in the APBMT Annual Report of each year, which is distributed to the APBMT member and related persons / organizations. The results published in the APBMT Annual Report is confidential, however, it can be quoted after written approval from APBMT and accompanied by proper acknowledgement.

#### 7.3 Rules on the use of the Registry data

Data are restricted to publication in a scientific article and / or presentation at academic meetings. APBMT contributions must be appropriately acknowledged in all presentations and publications prior to the release of the data and analyses. Written Applications for these purposes are limited to Scientific Committee Members, Working Groups and the Data Center of APBMT for the time being. Written requests from other academic organizations or commercial companies will be assessed and if approved a cost recovery will be charged depending on the amount of work. Confidentiality of source information will be protected in accordance with the laws of individual centres and countries. An application form is attached as a separate sheet. The Registry Committee will evaluate all applications and approval made after consultation with the Executive Board.

#### **ARTICLE 8**

#### **Finance**

#### 8.1 Membership Fees:

All the Regular Members are required to pay annual membership fees on an individual basis (see Annex). The members who paid the membership fees can receive up-to-date information including the survey data from APBMT office and also may have the advantage of discount of the registration fees at annual congress.

#### 8.2 Statement of accounts of annual APBMT congress

An audited statement of accounts must be prepared by the organizing committee for each annual APBMT meeting within one year of its completion and submitted to the APBMT Headquarters and presented at the annual business meeting.

#### **ARTICLE 9**

#### **Amendments**

9.1 These Bylaws may be amended at any annual business meeting of the Scientific Committee Amendments to the Bylaws may be proposed in writing to the Executive Board and must be submitted at least ninety days prior to the annual meeting. In addition, the Executive Board may initiate proposed amendments to the Bylaws.

The proposed amendments, together with the Executive Board's recommendation, shall be distributed to members of the Scientific Committee at least thirty days before the annual meeting at which it is to be considered. To be adopted, an amendment must be approved by at least two thirds of voting at the annual meeting.

9.2 Annexures may be amended by the Executive Board, (with a minimum of two third majorities of the members of the Executive Board) and report to the Scientific Committee.

#### Annexures:

- 1. Committees Terms of Reference to be determined.
- 2. Working Groups Terms of Reference to be determined.
- 3. Annual Congress Format of the meeting to be formulated
- 4. The APBMT Registry
- 5. Financial Issues

6. The Scientific Committee members: In addition to the criteria to be a Scientific Committee Member described in APBMT Bylaw (4.7 Scientific Committee), the candidate must have served as a regular member for the past three years with the consecutive payment of annual membership fee. No term limits are set for Scientific Committee Members. However, the members are required to participate in at least 2 out of 4 most recent APBMT Annual Congress, and consecutively pay annual membership fee in order to maintain their membership. In addition, their willingness of serving as Scientific Committee Members is to confirm every two years. No limits are set for the maximum number of Scientific Committee members in each country/region participating APBMT

#### 7. Others

(Detailed rules such as payments and duties for the members are described in the annexure)

Establishment: October 1, 2009

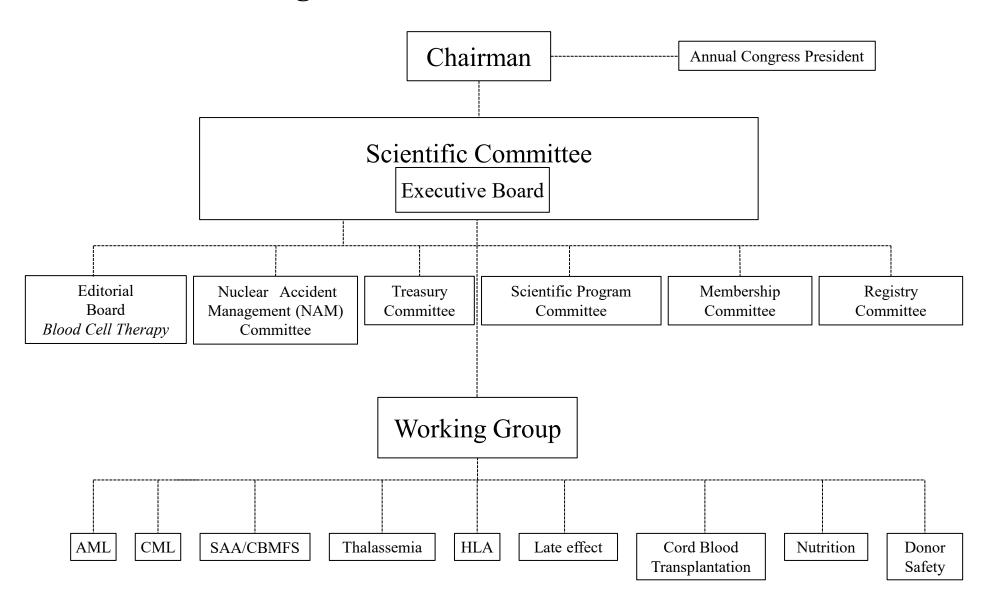
History of revision:

December 31, 2010 October 31, 2015

November 1, 2016 (Annexure 6 was added.)

August 31, 2019

#### **Organizational Tree of APBMT**



#### **Principal Member List**

#### **Executive Board members**

Shinichiro Okamoto (Chairman, Japan) Alok Srivastava (Vice-chair, India) David D Ma (Australia/New Zealand)

He Huang (China) Amir Ali Hamidieh (Iran) Jong Wook Lee (Korea)

William YK Hwang (Singapore)

Amir Ali Hamidieh (Iran) \*

#### Scientific Committee Members (\*Executive Board members)

Yoshiki Akatsuka (Japan) Otgonbat Altangerel (Mongolia) Shashikant Apte (India)

Khishigjargal Batsukh (Mongolia) Carmella Bingcang (Philippines) Pheng Bora (Cambodia)

Udomsak Bunworasate (Thailand) Po-Min Chen (Taiwan) Tzeon-Jye Chiou (Taiwan)

Gin Gin Gan (Malaysia) Lallindra Gooneratne (Sri Lanka) Aye Aye Gyi (Myanmar)

Suradej Hongeng (Thailand)

Xiao-Jun Huang (China) Tai-ju Hwang (Korea) William YK Hwang (Singapore) \*

He Huang (China) \*

Koichi Miyamura (Japan)

Hyoung Jin Kang (Korea) Mohiuddin Khan (Bangladesh) Navin Khattry (India)

Bor-Sheng Ko (Taiwan) Mickey Koh (Singapore) Hoon Kook (Korea)

Jong Wook Lee (Korea) \* Albert Lie (Hong Kong) Kai-Hsin Lin (Taiwan)

Shinichiro Okamoto (Japan) \* Jian Ouyang (China) Chi Dung Phu (Vietnam)

Bishesh Sharma Poudyal (Nepal) Damai Santosa (Indonesia) Tahir Sultan Shamsi (Pakistan)

David D Ma (Australia/New Zealand) \*

Alok Srivastava (India) \* Jih-Luh Tang (Taiwan) Shuichi Taniguchi (Japan)

Takanori Teshima (Japan) Artit Ungkanont (Thailand) Auro Viswabandya (India)

Jianmin Wang (China) Jong-Ho Won (Korea) Tong Wu (China)

Ming Yao (Taiwan) Mei Zhang (China)

**Honorary Members** 

Kai-yan Liu (China)

Kerry Atkinson (Australia) John Carter (New Zealand) Dennis Confer (NMDP)

John Goldman (EBMT) Alois Gratwohl (EBMT) Geoffrey Hill (Australia)

Mary Horowitz (CIBMTR) Dietger Niederwieser (EBMT)

**Emeritus Members** 

Suresh H Advani (India) Shigetaka Asano (Japan) Lu Xian Cao (China)

Ardeshir Ghavamzadeh (Iran) Surapol Issaragrisil (Thailand) Saengsuree Jootar (Thailand)

Chun Choo Kim (Korea) Dong Jip Kim (Korea) Yoshihisa Kodera (Japan)

Dao-Pei Lu (China) Tohru Masaoka (Japan) Tan Binh Nguyen (Vietnam)

Philip Rowlings (Australia/New Zealand) Tapan K Saikia (India) Pattric Tan (Singapore)

#### **Annual Congresses of APBMT**

#### **Previous Congresses**

No	Year	City	Presidents		
1 <sup>st</sup>	1990	Beijing	Lu Xian Cao		
2 <sup>nd</sup>	1991	Nagoya	Tohru Masaoka		
3 <sup>rd</sup>	1992	Osaka	Tohru Masaoka		
4 <sup>th</sup>	1994	Fukuoka	Tohru Masaoka		
5 <sup>th</sup>	1996	Seoul	Dong Jip Kim		
6 <sup>th</sup>	1998	Taipei	Yao-Chang Chen		
7 <sup>th</sup>	2000	Bangkok	Surapol Issaragrisil		
8 <sup>th</sup>	2002	Mumbai	Suresh Advani		
9 <sup>th</sup>	2004	Tehran	Ardeshir Ghavamzadeh		
10 <sup>th</sup>	2005	Hangzhou	Dao-Pei Lu		
11 <sup>th</sup>	2006	Nagoya	Yoshihisa Kodera		
12 <sup>th</sup>	2007	Beijing	Dao-Pei Lu		
13 <sup>th</sup>	2008	Taipei	Po-Min Chen		
14 <sup>th</sup>	2009	Seoul	Chun-Choo Kim		
15 <sup>th</sup>	2010	Phuket	Saengsuree Jootar		
16 <sup>th</sup>	2011	Sydney	David Ma / Philip Rowlings		
17 <sup>th</sup>	2012	Hyderabad	Tapan K Saikia / Alok Srivastava		
18 <sup>th</sup>	2013	Ho Chi Minh City	Tan Binh Nguyen		
19 <sup>th</sup>	2014	Hangzhou	He Huang / Xiaojun Huang		
20 <sup>th</sup>	2015	Okinawa	Shinichiro Okamoto		
21 <sup>st</sup>	2016	Singapore	William YK Hwang / Chng Wee Joo / Aloysius Ho		
22 <sup>nd</sup>	2017	Tehran	Ardeshir Ghavamzadeh		
23 <sup>rd</sup>	2018	Taipei	Ming Yao / Jih-Luh Tang		
24 <sup>th</sup>	2019	Busan	Jong Wook Lee / Jong-Ho Won		
25 <sup>th</sup>	2020	APBMT/ISBMT (Virtual)	Mammen Chandy		

#### **Future Congresses**

• The 26<sup>th</sup> Annual Congress (Hybrid)

15-17 of October 2021, Chang Mai, Thailand

Congress President: Artit Ungkanont Scientific Chair: Suradej Hongeng

Scientific co-Chair: Udmsak Bunworasate

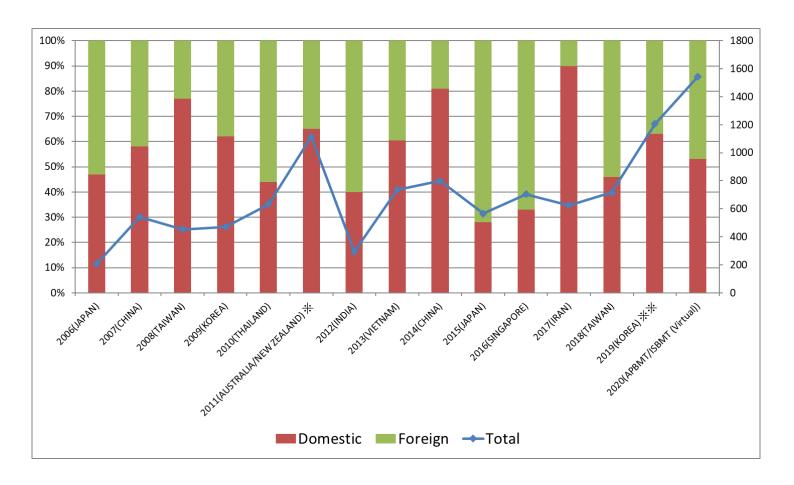
• The 27<sup>th</sup> Annual Congress will be hosted by Indian Society for Blood and Marrow Transplantation (ISBMT) in 2022

#### The Number of Attendees for Each Annual Congress from 2009 to 2020

2009(KOREA)		2010(THAILAND)		2011(AUSTRALIA/N EW ZEALAND) ※		2012(INDIA)		2013(VIETNAM)		2014(CHINA)	
Korea	292	Thailand	280	Australia	637	India	118	Vietnam	375	China	646
China	65	China	100	China	178	China	66	China	82	Japan	31
Taiwan	34	Taiwan	63	New Zealand	84	Japan	19	Korea	41	Taiwan	24
Japan	33	Korea	52	Korea	57	Korea	15	Japan	32	Korea	16
Thailand	19	Japan	25	Japan	38	Vietnam	12	Taiwan	17	United States	11
Australia	7	Singapore	19	Taiwan	16	Australia	11	Thailand	13	India	9
Viet Nam	5	Malaysia	17	Malaysia	14	Germany	8	Hong Kong	7	Singapore	9
USA	4	Hong Kong	13	Singapore	14	Taiwan	7	Belgium	6	Australia	7
Germany	3	Vietnam	13	Thailand	12	Iran	6	Singapore	6	Mongolia	7
Singapore	2	Australia	9	Vietnam	10	USA	6	France	5	UK	5
France	1	Iran	8	Philippines	9	Singapore	4	India	5	Hong Kong	4
Hong Kong	1	Italy	6	India	6	Philippines	3	Australia	4	Philippines	4
Indonesia	1	Germany	4	Hong Kong	5	Bangladesh	2	Iran	4	Vietnam	4
Iran	1	Indonesia	4	Myanmar	4	Belgium	2	United States	4	France	3
Malaysia	1	USA	4	Switzerland	4	France	2	Germany	3	Iran	3
Philippines	1	India	3	Bangladesh	3	Hong Kong	2	Mongolia	3	Thailand	3
Switzerland	1	Pakistan	3	Pakistan	3	Mongolia	2	Spain	3	Germany	2
UK	1	France	2	Fiji	2	Canada	1	Malaysia	2	Myanmar	2
Total	472	Myanmar	2	Samoa	2	Italy	1	Philippines	2	Pakistan	2
	%	Canada	1	UAE	2	Myanmar	1	Indonesia	1	Bangladesh	1
Domestic	62	Hungary	1	Brunei	1	Nepal	1	Ireland	1	Indonesia	1
Foreign	38	Israel	1	Cook Islands	1	Sweden	1	Myanmar	1	Lebanon	1
		Philippines	1	Indonesia	1	UK	1	Netherlands	1	Malaysia	1
		Sweden	1	Iran	1	Missing	3	Sweden	1	South Africa	1
		Turkey	1	Israel	1	Total	294	UK	1	Spain	1
		Total	633	Kiribati	1		%	Total	736	Sri Lanka	1
			%	Micronesia	1	Domestic	40		%	Total	799
		Domestic	44	Papua New Guinea	1	Foreign	60	Domestic	61		%
		Foreign	56	Slovak Republic	1			Foreign	40	Domestic	81
	'-			Slovakia	1		•			Foreign	19
				Solomon Islands	1				'-		
				Sri Lanka	1						
				Turkey	1	XAPBMT 20	l1 wi	th HAA-ISHAPD	2011	and ISCTA	
				Tuvalu	1	**XAPBMT	2019	with ICBMT 2019	)		
				Vanuatu	1						
				Total	1115						
					%						
				Domestic	65						

Foreign

2015(JAPAN)		2016(SINGAPORE)		2017(IRAN)		2018(TAIWAN)		2019(KOREA) **		2020(APBMT/ISBMT (Virtual))	
Japan	159	Singapore	234	Iran	565	Taiwan	330	Korea	762	India	822
China	186	China	116	China	32	China	90	90 China		China	173
Taiwan	51	Japan	62	USA	4	Japan	66	Japan	47	Philippines	98
Korea	41	Korea	44	Germany	4	Korea	33	Taiwan	46	Vietnam	68
Singapore	23	Taiwan	28	Japan	3	Singapore	32	India	37	Japan	67
Hong Kong	17	India	25	Thailand	3	Vietnam	29	Indnesia	22	Singapore	36
Vietnam	16	USA	22	Qatar	3	Thailand	21	Singapore	22	Korea, South	28
India	11	Thailand	21	France	2	Hong Kong	18	Malaysia	17	Burma	27
Thailand	11	Hong Kong	19	Italy	2	USA	15	USA	17	Iran	26
Indonesia	9	Malaysia	19	Belgium	1	Philippines	13	Vietnam	16	Malaysia	23
USA	7	Bangladesh	15	India	1	India	11	Germany	11	Australia	21
Malaysia	6	Vietnam	15	Turkey	1	Malaysia	8	Hong Kong	10	Thailand	20
Australia	5	Australia	13	UK	1	Indonesia	7	Thailand	9	Bangladesh	17
Philippines	5	Iran	11	Malaysia	1	Australia	6	Iran	8	Pakistan	16
UK	4	Philippines	10	Sri Lanka	1	Bangladesh	6	Mongolia	8	Saudi Arabia	12
Germany	2	Germany	9	Switzerland	1	Sri Lanka	5	Pakistan	8	United Kingdom	12
Iran	2	Sri Lanka	6	Total	625	UK	5	Philippines	7	Taiwan, China	11
Sri Lanka	2	UK	6		%	Germany	4	Australia	5	United States	10
Bangladesh	1	France	4	Domestic	90	Canada	3	Egypt	3	Germany	9
Cambodia	1	Mongolia	4	Foreign	10	Mongolia	3	France	3	Sri Lanka	9
Canada	1	Indonesia	3			Myanmar	3	Turkey	3	Hong Kong, China	8
France	1	Ireland	3			Romania	2	UK	3	Indonesia	6
Italy	1	Italy	3			Cambodia	1	Switzerland	2	Mongolia	6
Mongolia	1	Cambodia	2			France	1	Spain	2	Canada	4
Myanmar	1	Myanmar	2			Iran	1	Bangladesh	2	France	3
Pakistan	1	Qatar	2			Netherlands	1	Austria	1	Italy	2
Switzerland	1	Belgium	1			North Korea	1	Brazil	1	Nepal	2
Missing	1	Canada	1			Spain	1	Cambodia	1	Belgium	1
Total	567	Nepal	1			Total	716	Canada	1	Cambodia	1
	%	New Zealand	1				%	Italy	1	Ireland	1
Domestic	28	Spain	1			Domestic	46	Myanmar	1	Netherlands	1
Foreign	72	Switzerland	1			Foreign	54	Nepal	1	Sweden	1
8		Total	704		ı	8		Netherlands	1	Switzerland	1
			%					Poland	1	United Arab Emirates	1
		Domestic	33					Sri Lanka	1	Total	1543
		Foreign	67					Uzbekistan	1	2 3441	%
	ı	1 oreign	07					Total	1206	Domestic	53
								10001	%	Foreign	47
								Domestic	63		
								Foreign	37		



## Registry Committee

#### **APBMT Registry Committee**

APBMT has long collected HSCT activity and outcome data through APBMT Data Center. To promote and accelerate the data collection, APBMT decided to establish the Registry Committee in October 2014 and it officially started operations in October 2015. APBMT Data Center was integrated into the committee. The Registry Committee members are basically nominated among the APBMT members in each country/region and have a web conference every two months.

Since the committee has launched the work, four important official documents have been finalized.

- Protocol
- Letter of Commitment
- Informed Consent for Patients
- Detailed Rules for Data Usage and Authorship (Revised version 2.0 was approved on July 16, 2020)

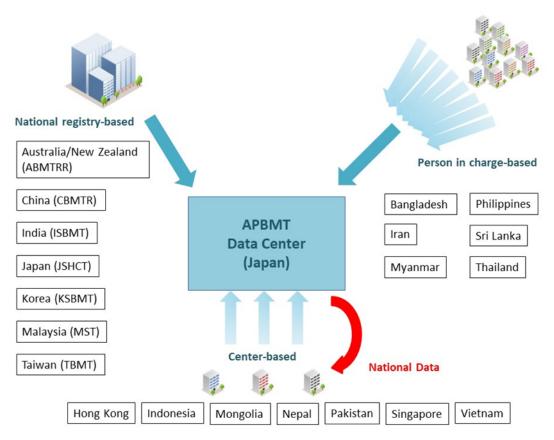
Based on these documents, committee members work hard:

- To perform APBMT Activity Survey and Outcome Registry annually
- To support data collection in participating countries/regions
- To manage and analyze the collected data
- To optimize the data usage
- To support clinical researches using collected data

#### [About Activity Survey]

The APBMT Activity Survey has been performed annually from 2007 (HSCT data from 2005). This survey is a collection of the number of transplantations sorted by the donor sources and diseases in each country/region.

The following figure shows how the data is collected.



The method of submission is different in each country/region.

As shown in the Figure above, data from China, India, Japan, Korea, Malaysia, and Taiwan was submitted through their respective national registry. The Australasian Bone Marrow Transplant Recipient Registry (ABMTRR) submitted the national data for Australia and New Zealand. In Bangladesh, Iran, Myanmar, the Philippines, Sri Lanka, and Thailand data was collected by a designated contact person and submitted to Data Center. Data Center has direct contact with major transplantation centers and receives data from Hong Kong, Indonesia, Mongolia, Nepal, Pakistan, Singapore, and Vietnam. Data Center compiles all data collected in each of these 7 countries/regions, and compiled data is available for each country/region to use as national data.

The results of the Activity Survey are put on the APBMT website: <a href="https://www.apbmt.org/research/registry/survey">https://www.apbmt.org/research/registry/survey</a>

A new paper was submitted from the Registry Committee in 2020:

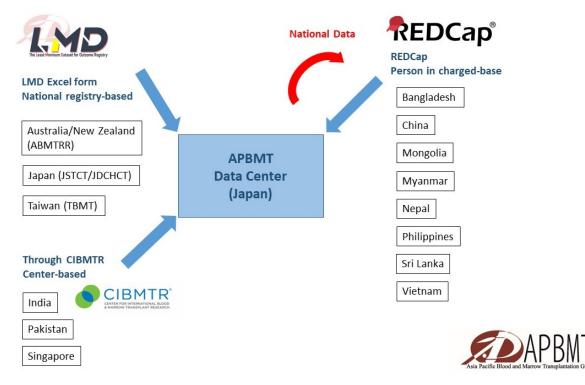
The 2016 APBMT Activity Survey Report: Trends in haploidentical and cord blood transplantation in the Asia-Pacific region. Blood Cell Therapy Vol. 4 Issue 2 No. 1 Pages 20-28 2021 (In Press) <a href="https://doi.org/10.31547/bct-2020-013">https://doi.org/10.31547/bct-2020-013</a>

#### [About Outcome Registry]

APBMT Registry Committee and Data Center have been collecting the HSCT outcome data of each patient. The basic dataset structure is called the Least Minimum Dataset (LMD) and three methods are available for sending data to Data Center depending on the situation in each country/region.

- The simplified Excel forms made by APBMT Data Center based on the EBMT MED-A or the CIBMTR TED
- Receiving data from CIBMTR through data transfer agreements, which were established between APBMT and CIBMTR and between APBMT and some centers that submitted Outcome Data to CIBMTR
- The electronic data capture (EDC) system using REDCap®

When the Registry/Society in participating counties/regions starts to submit HSCT outcome data to APBMT, a Non-Disclosure Agreement (NDA) is signed between APBMT and the Registry/Society when requested. In addition, APBMT Registry Committee stipulates detailed rules for data usage so that the submitted data will not be disclosed without the consent of the Committee.



<sup>\*</sup>The following countries/regions are building up their systems for submitting outcome data: Indonesia, Iran, Korea, Malaysia, and Thailand

#### **Registry Committee Member List**

	Name	Country/Region			
Chairperson	Yoshiko Atsuta	Japan			
D	Anthony Dodds	Australia/New Zealand			
Deputy Chairpersons	Aloysius Ho	Singapore			
	Mafruha Akter	Bangladesh			
	Pheng Bora	Cambodia			
	Xiao Jun Huang	China			
	Liu Kaiyan	China			
	Joycelyn Sim	Hong Kong			
	Alok Srivastava	India			
	Kavitha M.L	India			
	Damai Santosa	Indonesia			
	Amir Hamidieh	Iran			
	Shinichiro Okamoto	Japan			
	Yachiyo Kuwatsuka	Japan			
	Joon Ho Moon	Korea			
Members	Kim Wah Ho	Malaysia			
	Batsukh Khishigjargal	Mongolia			
	Aye Aye Gyi	Myanmar			
	Tasneem Farzana	Pakistan			
	Marjorie Rose Bravo	Philippines			
	Prasad Abeysinghe	Sri Lanka			
	Devinda Jayathilake	Sri Lanka			
	Bor-Sheng Ko	Taiwan			
	Hui-Fen Chiang	Taiwan			
	Po-Nan Wang	Taiwan			
	Ming Yao	Taiwan			
	Artit Ungkanont	Thailand			
	Huynh Van Man	Vietnam			
	Minako Iida	Japan			
Data Center	Yukari Nakao	Japan			
	Hiroe Namizaki	Japan			

# Nuclear Accident Management (NAM) Committee

#### Nuclear Accident Management (NAM) Committee

The APBMT Nuclear Accident Management Committee (NAM Committee) was established at the APBMT Annual Congress in Hyderabad, India in 2012 to:

- 1) investigate what is happening in this region and what is being done around the world in the field of a nuclear accident
- 2) facilitate cooperation with other societies such as EBMT, ASTCT, and WBMT
- 3) establish an APBMT Nuclear Accident Registry
- 4) establish a training program
- 5) prepare the standard operating procedure for the handling of Nuclear accident in our region

Since then, the NAM meeting has been held every year at the Annual Congress and the final draft of the NAM guidelines, written by co-chairs (Drs. Velu Nair and Hyo Rak Lee), was approved by the APBMT Scientific Committee.

#### https://www.apbmt.org/education/guideline-nam

#### Member list

Position	Name	Country/Region	
Chair	Velu Nair	India	
Chair	Hyo Rak Lee	Korea	
Past Chair	Alok Srivastava	India	
Past Chair	David Ma	Australia	
	Mohiuddin Khan	Bangladesh	
	Koichi Miyamura	Japan	
	Syuuichi Taniguchi	Japan	
	Khishigjargal Batsukh	Mongolia	
	Aye Aye Gyi	Myanmar	
	Simit Sapkota	Nepal	
	Prasad Abeysinghe	Sri Lanka	
	Phu Chi Dung	Vietnam	
Chairman,	Shinichiro Okamoto	Japan	
Executive Board			

## **Executive Board**

#### **Executive Board Activities**

For smooth management of the international society, Executive Board members have official web conferences every month as well as ad-hoc web conferences as needed. The main topics discussed in the Executive Board web conferences are:

- Working together with local organizing committees to prepare for each annual congress
  - Making up the scientific program
  - Nomination of speakers
- An office-centered organizational approach of hosting the annual congress
- Nominating the host country for the upcoming annual congress
- Amendment of the Bylaws and membership definition
- Rulemaking for each committee
- Sponsorship contract with the third parties/companies
- Education/training of physicians/nurses involved in HSCT and cell therapy
- Collaboration with ASTCT, EBMT, WBMT, and other related societies in the field of HSCT
  - Nomination of speakers for the Joint Sessions in each annual congress
  - · Nomination of representatives to societies which requested
- Membership control
  - Review of membership application forms
  - Membership fees
  - Dual membership between ASTCT
- Solving the problems with advice to each committee (Registry Committee, Editorial Board of Blood Cell Therapy, Financial Committee)

#### **Executive Board Members**



Shinichiro Okamoto Chairman Japan



Alok Srivastava Vice Chairman India



Jong-Wook Lee Korea



David Ma Australia



Amir Hamidieh Iran



William Hwang Singapore



He Huang China

## Collaboration with Other International Registries

WBMT
ASTCT
EBMT

#### WBMT (Worldwide Network for Blood & Marrow Transplantation)

APBMT is one of the first founding societies of WBMT and has collaborated with other member societies such as CIBMTR, EBMT, and WMDA to operate WBMT since 2007.

Dr. Yoshihisa Kodera (Japan) and Dr. Jeff Szer (Australia) have served as the WBMT president, and many members in APBMT played important roles in the Standing Committees in 2020: Co-chair of Education & Dissemination Committee: Yoshihisa Kodera, Co-chair of Global Emergencies/Nuclear Accident Management Committee: David Ma, Co-chair of Transplant Centre/Recipient Committee: Yoshiko Atsuta.

In addition, APBMT Data Center has submitted the Activity Survey data every year to contribute to the WBMT Global Transplant Activity Survey.

#### **ASTCT (American Society for Transplantation and Cellular Therapy)**

After exchanging memorandums of understanding for dual membership on August 23, 2018, APBMT and ASTCT implemented the dual membership, and APBMT members who applied for this membership could receive many benefits from ASTCT. APBMT and ASTCT will continue to proceed with the second and third collaboration projects.

#### **EBMT** (European Society for Blood and Marrow Transplantation)

With the cooperation of EBMT, APBMT could set up an original booth at the annual meeting for the past few years. APBMT could exhibit the activities and contact with not only registered members but also non-members there. With regard to a project for the establishment of the APBMT Center Standards, we could get informative advice from JACIE members.

#### **History of International Scientific Symposia**

#### 2020

#### May, WBMT Live Webinar (Online)

COVID-19 and stem cell transplantation, a Worldwide perspective:

Moderators: Y Kodera, MD; S Galeano, MD

- Management of donors during the pandemic (F. Alfraih)
- Transplant recipients; COVID-19 guidelines and real-world (C. Machado)
- Chinese experience (H. Huang)
- Data from the EBMT registry during COVID-19 (P. Ljungman)
- Chimeric Antigen Receptor T Cell Therapy during COVID-19 (MA Perales)

#### 2019

#### August, APBMT (Korea)

ASTCT/EBMT/WBMT/APBMT Joint Session:

Co-Chairs: JW Lee, MD; S. Okamoto, MD

- GvHD Prophylaxis with Post Cy after Haplo-Identical, Matched Unrelated and HLA-Identical Sibling Transplantation (N. Kroger)
- Future Changes in Stem Cell Transplantation and Cellular Therapy: Safer, Less Toxic and Less Costly Approaches (D. Weisdorf)
- Novel Approaches for Treating and Preventing GvHD (JF DiPersio)
- Design the Future of Hematopoietic Cell Transplantation (HCT) in Asia-Pacific Countries/Regions (S. Okamoto)

#### 2018

#### **November, APBMT (Taiwan)**

ASBMT / EBMT / WBMT / APBMT Joint Symposium: Past, Now, and Future of Hematopoietic Stem Cell Transplantation

Co-Chairs: M. Yao, MD; S. Okamoto, MD

- Hematopoietic Stem Cell Transplantation: Where we have come from and where do we go? (J. Gajewski)
- Past, now and future of hematopoietic stem cell transplantation (EBMT prospective) (N. Kroger)
- How does the past predict the future of allogeneic transplantation: lessons for the field? (D. Weisdorf)
- How the APBMT is facing the challenge (S. Okamoto)

#### September, The 5th WBMT Workshop (Beijing, China)

International Experience and Data Sharing to Improve Access and Outcomes of

#### **Transplantation**

- 1. Importance of creating the HSCT global outcome registration system
  - Global perspective of HSCT & registration (J Szer)
  - WBMT Global Survey & registration (D Niederwieser)
  - CIBMTR perspective of HSCT and registration (M Pasquini)
  - HSC Donor Registries: Challenges and Perspectives (C Muller)
  - APBMT perspective: Importance of Outcome Data Sharing in Asian Pacific Region (Y Kodera)
  - Current Activity Survey in the AP region (M Iida)
  - Outcome Registry Current Status and future perspectives (Y Atsuta)
  - Chinese perspective of HSCT and Activity Surveys; Difficulties in Data collection (X Huang)
- 2. International Standards and Accreditation
  - Steps towards international accreditation: Lessons learned (S Okamoto)
  - Addressing unproven cellular therapies (M Koh)

#### April, WBMT/AfBMT (Morocco)

First Meeting of the African Blood and Marrow Transplantation Group: SCT in bone marrow failure

Co-Chairs: N. Novitzky, MD; N. Khoubila, MD

- Recent Progress in Diagnosis and Treatment of Inherited Bone Marrow Failure (S. Kojima)
- Acquired (S. Osman Ahmed)

#### 2017

#### October, APBMT (Iran)

APBMT / WBMT Joint Session: Transplantation reports in the Asian pacific region & the progress of BMT in the world and Asian pacific region

Co-Chairs: A. Ghavamzadeh, MD; S. Okamoto, MD

- The progress of BMT in the Islamic Republic of Iran (A. Ghavamzadeh)
- The report of transplantation in all 15 BMT centers of Iran in the last five years (A. Hajifathali)
- The current status and future challenges of the Asia-Pacific Blood and Marrow Transplantation Group (APBMT) (S. Okamoto)
- The history, current status and future trends of WBMT (Y. Kodera)
- The report of transplantation in China five recent years (H. Huang)
- The advance of HSCT after the enforcement of "The Act for Appropriate Provision of Hematopoietic Stem Cells to be Used in Transplantations" in Japan (Y. Kodera)

- Outcome of autologous hematopoietic stem cell transplants for multiple myeloma in a single center in Sri Lanka (L. Gooneratne)
- The report of transplantation in Malaysia in five recent years (OT. Chuan)

#### 2016

#### October, APBMT (Singapore)

WBMT Programme- ASBMT/EBMT/APBMT Joint Session

Co-Chairs: Y. Kodera, MD; J. Szer, MD

- Future of Hematopoietic Stem Cell Transplantation & Cellular Therapy Modern Conditioning Regimens Prior to allo – HSCT (M. Mohty)
- Hematopoietic Cell Transplant Activity in the United States (CN. Bredeson)
- Design the Future of Hematopoietic Stem Cell Transplantation: APBMT Perspectives (S. Okamoto)
- WBMT Who Are We, What Have We Done and What Will We Do? (J. Szer)

#### February, BMT Tandem Meetings

Stem Cell Transplantation for Bone Marrow Failure

Co-Chairs: S. Kojima, MD; SA. Giralt, MD

- Hematopoietic Stem Cell Transplantation in Adult Patients with Acquired Aplastic Anemia: Asian Perspectives (JW. Lee)
- Bone Marrow Failure in Children (S. Kojima)
- Poor Graft Function Post-Transplant Time to Take this Seriously (SA. Giralt)

#### 2015

#### October, APBMT (Japan)

Global Trend of HSCT and the Future Role of APBMT (WBMT/APBMT Joint Session (I))

Co-Chairs: Y. Kodera, MD; S. Okamoto, MD

- Medical Products of Human Origin WHO Project: Regulatory Recommendations for MPHO-WBMT (JR. Nunez)
- Global Trends in Hematopoietic Stem Cell Transplantation (HSCT) (D. Niederwieser)
- Starting New HSCT Program in Emerging Countries in Asia-Pacific Area (D. Ma)

Working together with Emerging Countries in HSCT in Asia (WBMT/APBMT Joint Session (II))

Co-Chairs: TK. Saikia, MD; AA. Hamidieh, MD

• Report from Mongolia (B. Khishigjargal)

- Report from Sri Lanka (L. Gooneratne)
- Report from Myanmar (AA. Gyi)
- Report from Indonesia (H. Hariman)
- Report from Philippines (HG. Baylon)
- Report from Bangladesh (MA. Khan)
- Report from Cambodia (B. Pheng)

Future in Hematopoietic Stem Cell Transplantation (ASBMT/EBMT/APBMT Joint Session)

Co-Chairs: S. Okamoto, MD; W. Hwang, MD

- Hematopoietic Cell Transplantation in 2015: How the ASBMT is Facing the Challenges (C. Bredeson)
- Challenges in Hematopoietic Stem Cell Transplantation: The EBMT Perspective (M. Mohty)
- Future of Hematopoietic Stem Cell Transplantation Asia Pacific perspective (A. Srivastava)

Global Alliance for Nuclear Accident Management in the Field of Hematopoietic Stem Cell Transplantation

Co-Chairs: D. Ma, MD; Y. Kodera, MD

- The Current Status of the Asia-Pacific Blood and Marrow Transplantation Group (APBMT) in the Management of Nuclear Accident (D. Ma)
- The Contribution of EBMT to the Global Response of a Large Number of Radiation Victims (R. Pawles)
- Radiation Injury Treatment Network: Hematologists and Oncologists Preparing for a Radiological Disaster (C. Case)

#### March, EBMT

Innovations in Cancer: A Joint EBMT-EHA-APBMT Session

Co-Chairs: M. Mohty, MD; C. Chomienne, MD; AA. Hamidieh, MD

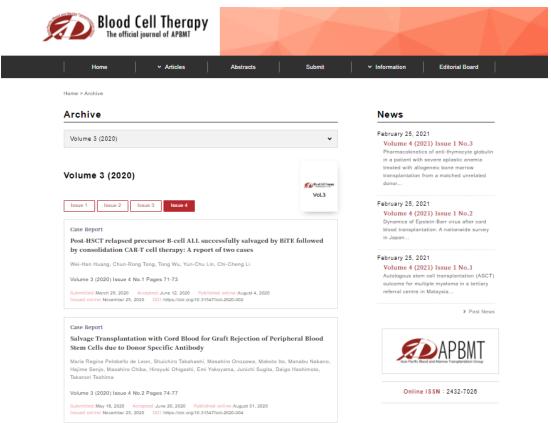
- New drugs in hematology (M. Mohty)
- Leukeic stem cell heterogeneity: how to monitor and eradicate (C. Chomienne)
- Pediatric HSCT: challenges in the Asia-pacific region (AA. Hamidieh)

## **Blood Cell Therapy**

The official journal of APBMT



Blood Cell Therapy is the official journal of Asia-Pacific Blood and Marrow Transplantation Group. We have published it since October 2018 and issue quarterly.



Online ISSN: 2432-7026

Journal homepage: https://bct.apbmt.org/

**Aims and scope:** Blood Cell Therapy is an international journal publishing peer-reviewed original and review articles in the field of all aspects of hematopoietic cell transplantation and cell therapy. Not only clinical research but also basic research relevant to cell therapy are covered. The scope of our journal encompasses wide variety of clinical or basic topics including:

- •Results of trials with new protocols
- •Transplant-related complications
- •Transplant outcome studies dealing with QOL, psychology, economy or regional characteristics
- Prognostic analysis based on biomarkers
- •Translational research
- Transplantation immunology
- •Cellular or gene therapy

#### **Editorial Board Member List**

Name	Commission	Country
Yoshiki Akatsuka	Editor-in-Chief	Japan
Tatsuo Ichinohe	Deputy Editor-in-Chief	Japan
Shinichiro Okamoto	Chairman of APBMT	Japan
Jeffrey Szer		Australia
Haowen Xiao		China
Navin Khattry		India
Auro Viswabandya	Associate Editors	India
Ayami Yoshimi		Germany /Japan
Satoshi Takahashi		Japan
Junya Kanda		Japan
Seok-Goo Cho		Korea
Jae Yong Kwak		Korea
Hee-Je Kim		Korea
Mickey Boon Chai Koh		Singapore
David Yeung		Australia
Mei Zhang		China
Yuqian Sun		China
Alok Srivastava		India
Amir Hamidieh		Iran
Maryam Behfar		Iran
Akio Kohno		Japan
Mahmoud Aljurf		Saudi Arabia
Daniel Weisdorf		USA
Minako Iida		Japan
Yukari Nakao	Editorial Office	Japan
Hiroe Namizaki		Japan

<sup>\*</sup>random order

#### **Information for Submission**

Manuscript submission rules for Authors : <a href="https://bct.apbmt.org/for\_authors/">https://bct.apbmt.org/for\_authors/</a>

Editorial Policies : <a href="https://bct.apbmt.org/editorial\_policies/">https://bct.apbmt.org/editorial\_policies/</a>
Guide for Reviewers : <a href="https://bct.apbmt.org/for\_reviewers/">https://bct.apbmt.org/for\_reviewers/</a>

 $Submission: \underline{https://mc.manuscriptcentral.com/bct}$ 

#### List of the Accepted Articles (As of December 31, 2019)

#### Original Article

## Monitoring of citrulline and diamine oxidase levels as biomarkers for intestinal mucositis during early-phase hematopoietic cell transplantation

Noriyasu Fukushima1,2,3, Satoshi Tomiyasu2, Yoshinori Uji2, Masako Yokoo3, Takero Shindo3, Yasushi Kubota3,

Toshihiko Ando3, Kensuke Kojima3, Eisaburo Sueoka4, Tatsuo Ichinohe1, Shinya Kimura3

Department of Hematology and Oncology, Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima, Japan. 2Department of Medical Science Technology, School of Health Sciences at Fukuoka, International University of Health and Welfare, Okawa, Japan 3Division of Hematology, Respiratory Medicine and

Oncology, Department of Internal Medicine, Faculty of Medicine, Saga University, Saga, Japan. 4Department of Laboratory Medicine, Faculty of Medicine, Saga University, Saga, Japan.

Blood Cell Therapy Vol.1 Issue.1 No.1 Pages 1-8

Submitted: December 19, 2017 Accepted: July 7, 2018 Published online: August 29, 2018

DOI:https://doi.org/10.31547/bct-2017-002

#### Review Article

### Recent advances and current challenges in allogeneic stem cell transplantation in patients with acquired severe aplastic anemia

Sung-Eun Lee and Jong Wook Lee

Department of Hematology, Catholic Blood and Marrow Transplantation Center, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

Blood Cell Therapy Vol.1 Issue.1 No.2 Pages 9-17

Submitted: March 6, 2018 Accepted: May 19, 2018 Published online: August 29, 2018

DOI:https://doi.org/10.31547/bct-2018-001

#### Review Article

## Recent progress in improving the safety and efficacy of chimeric antigen receptor T cell therapy

Yingying Yang, Yongxian Hu, Jiasheng Wang, He Huang

Zhejiang University School of Medicine First Affiliated Hospital

Blood Cell Therapy Vol.1 Issue.1 No.3 Pages 18-27

Submitted: April 12, 2018 Accepted: July 7, 2018 Published online: August 29, 2018

#### Case Report

# Primary CNS post-transplant lymphoproliferative disorder following haplo- identical HSCT using post-transplant high-dose cyclophosphamide

Masako Toyosakii, Makoto Onizukai, Jun Amakii, Sawako Shiraiwai, Yasuyuki Aoyamai, Shinichiro Machidai,

Hidetsugu Kawaiı, Hiromichi Murayamaı, Daisuke Ogiyaı, Keiko Matsuiı, Shohei Kawakamiı Kaito Haradaı, Yusuke

Kondo2, Kenichi Hirabayashi2, Naoya Nakamura2, Yoshiaki Ogawa1, Hiroshi Kawada1, Kiyoshi Ando1

Division of Hematology and Oncology, Department of Medicine, Tokai University School of Medicine, Kanagawa,

Japan, 2 Department of Pathology, Tokai University School of Medicine, Kanagawa, Japan

Blood Cell Therapy Vol.2 Issue.1 No.1 Pages 1-4

Submitted: May 8, 2018 Accepted: August 9, 2018 Published online: October 26, 2018

DOI:https://doi.org/10.31547/bct-2018-004

#### Case Report

## Successful allogeneic peripheral blood stem cell transplantation for an aggressive variant of T-cell large granular-lymphocyte leukemia: A case report

Kazuhito Suzuki<sub>1,2</sub>, Kaichi Nishiwaki<sub>1,2</sub>, Jiro Minami<sub>2</sub>, Hidekazu Masuoka<sub>1,2</sub>, Mitsuji Katori<sub>1,2</sub>, Hiroki Yokoyama<sub>1,2</sub>, Hideki Uryu<sub>1,2</sub>, Shingo Yano<sub>2</sub>

Division of Clinical Oncology/Hematology, The Jikei University Kashiwa Hospital, 2Division of Clinical Oncology/Hematology, The Jikei University School of Medicine

Blood Cell Therapy Vol.2 Issue.1 No.2 Pages 5-8

Submitted: May 20, 2018 Accepted: September 5, 2018 Published online: October 26, 2018

DOI:https://doi.org/10.31547/bct-2018-006

#### Case Report

### Gastric antral vascular ectasia in a pediatric patient with neuroblastoma who underwent tandem stem cell transplantation

Yumiko Sugishita, Shohei Yamamoto, Ryota Kaneko, Naoko Okamoto, Masaya Koganesawa, Sachio Fujita, Kosuke Akiyama, Ryosuke Matsuno, Daisuke Toyama, Keiichi Isoyama

Department of Pediatrics, Showa University Fujigaoka Hospital, Japan

Blood Cell Therapy Vol.2 Issue.1 No.3 Pages 9-11

Submitted: August 24, 2018 Accepted: October 2, 2018 Published online: January 15, 2019

#### Review Article

### Autologous hematopoietic stem cell transplant for autoimmune diseases: evolution, evidence of efficacy, and real-world economics

Massey, Jennifer C.1,2,3, Moore, John J.2,3,4, Milliken, Samuel T.4, Ma, David D. F.2,3,4,5

1Department of Neurology, St Vincent's Hospital Sydney, Australia, 2Blood, Stem Cell and Cancer Research Program,

St Vincent's Centre for Applied Medical Research, Sydney, Australia, 3St Vincent's Clinical School, Faculty of

Medicine, University of NSW, Sydney, Australia, 4Department of Haematology and Bone Marrow Transplant, St

Vincent's Hospital Sydney, Australia, 5Corresponding author

Blood Cell Therapy Vol.2 Issue.2 No.1 Pages 12-21

Submitted: September 14, 2018 Accepted: October 23, 2018 Published online: April 1, 2019

DOI:https://doi.org/10.31547/bct-2018-009

#### Original Article

### Kinetics of neutrophil engraftment in allogeneic stem cell transplantation

Akihisa Kawajiri1, Shigeo Fuji<sub>1,2</sub>, Yoshihiro Inamoto<sub>1</sub>, Saiko Kurosawa<sub>1</sub>, Takashi Tanaka<sub>1</sub>, Ayumu Ito<sub>1</sub>, Keiji Okinaka<sub>1</sub>, Sung-Won Kim<sub>1</sub>, Takahiro Fukuda<sub>1</sub>

Department of Hematopoietic Stem Cell Transplantation, National Cancer Center Hospital, Tokyo, Japan

2Department of Hematology, Osaka International Cancer Institute, Osaka, Japan

Blood Cell Therapy Vol.2 Issue.2 No.2 Pages 22-30

Submitted: October 20, 2018 Accepted: January 23, 2019 Published online: April 1, 2019

DOI:https://doi.org/10.31547/bct-2018-011

#### **Short Communication**

## A decade of excellent transplant survival in children with inherited metabolic diseases: A report from a single metabolic transplant centre in Europe

Su Han Lum<sub>1</sub>, Andrew Will<sub>1</sub>, Heather J Church<sub>2</sub>, Jean Mercer<sub>2</sub>, Karen L Tylee<sub>2</sub>, Kay Poulton<sub>3</sub>, Wendy Odgen<sub>4</sub>, Helena Lee<sub>3</sub>, Alison Logan<sub>3</sub>, Mary Coussons<sub>1</sub>, Tasneem Khalid<sub>5</sub>, Denise Bonney<sub>1</sub>, Stewart Rust<sub>6</sub>, Prashant Hiwarkar<sub>1</sub>, Simon A Jones<sub>2</sub>, Robert F Wynn<sub>1</sub>

<sup>1</sup>Department of Pediatric Blood and Marrow Transplant, Royal Manchester Children's Hospital, UK, <sup>2</sup>Manchester Center for Genomic Medicine, St Mary's Hospital, Manchester, UK, <sup>3</sup>Transplantation Laboratory, Manchester Royal Infirmary, Manchester, UK, <sup>4</sup>Therapeutic Stem Cell Laboratory, Royal Manchester Children's Hospital, Manchester, UK, <sup>6</sup>Pediatric Psychosocial Department, Royal Manchester Children's Hospital, Manchester, UK

Blood Cell Therapy Vol.2 Issue.2 No.3 Pages 31-35

Submitted: October 23, 2018 Accepted: February 8, 2019 Published online: May 10, 2019

#### Case Report

# Role of hematopoietic stem cell transplantation in Philadelphia chromosome-positive acute lymphoblastic leukemia: a report of 2 unique cases

Yadanar Lwin<sub>1</sub>, David Ma<sub>1,2</sub>

Department of Haematology and BM Transplant, St Vincent's Hospital Sydney, NSW, Australia, 2St Vincent's Clinical School, Faculty of Medicine, the University of New South Wales

Blood Cell Therapy Vol.2 Issue.3 No.1 Pages 36-38

Submitted: March 25, 2019 Accepted: April 5, 2019 Published online: June 7, 2019

DOI:https://doi.org/10.31547/bct-2019-001

#### Original Article

#### Predictors of parental distress during acute phase of pediatric hematopoietic stem cell transplantation in Japan: A multicenter prospective study

Shohei Nakajima<sub>1</sub>, Ami Setoyama<sub>1</sub>, Iori Sato<sub>1</sub>, Tomoko Fukuchi<sub>2</sub>, Harumi Tanaka<sub>2</sub>, Masami Inoue<sub>3</sub>, Kentaro Watanabe<sub>4</sub>, Katsuyoshi Koh<sub>4</sub>, Junko Takita<sub>5</sub>, Mika Tokuyama<sub>6</sub>, Kenichiro Watanabe<sub>6</sub>, Kiyoko Kamibeppu<sub>1</sub>

<sup>1</sup>Department of Family Nursing, Division of Health Sciences and Nursing, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan, <sup>2</sup>Department of Nursing, Osaka Women's and Children's Hospital, Osaka, Japan, <sup>3</sup>Department of Hematology/Oncology, Osaka Women's and Children's Hospital, Osaka, Japan, <sup>4</sup>Department of Hematology/Oncology, Saitama Children's Medical Center, Saitama, Japan, <sup>5</sup>Department of Pediatrics, The University of Tokyo Hospital, Tokyo, Japan, <sup>6</sup>Department of Hematology and Oncology, Shizuoka Children's Hospital, Shizuoka, Japan.

Blood Cell Therapy Vol.2 Issue.3 No.2 Pages 39-49

Submitted: October 18, 2018 Accepted: April 15, 2019 Published online: June 18,2019

#### Survey Report

#### Country Report: The Report of Transplant Activity and Outcome During the First 12 Months at the First National Hematopoietic Stem Cell Transplant Center in Sri Lanka

P Abeysinghe<sub>1</sub>, L Morawaka<sub>2</sub>, S Gunasekara<sub>1</sub>, S Suresh<sub>1</sub>, PWDCC Jayathilake<sub>1</sub>, PHSP Udara<sub>1</sub>, PPR Siriwardena<sub>1</sub>, S Milliken<sub>3</sub>, J Moore<sub>3</sub>, DDF Ma<sub>3</sub>

<sub>1</sub>National Cancer Institute, Sri Lanka, <sub>2</sub>National Blood Transfusion Service, Sri Lanka, <sub>3</sub>Department of Haematology and BM Transplantation, St. Vincent's Hospital Sydney, NSW, Australia

Blood Cell Therapy Vol.2 Issue.4 No.1 Pages 50-53

Submitted: May 29, 2019 Accepted: August 25, 2019 Published online: November 25, 2019

DOI:https://doi.org/10.31547/bct-2019-007

#### Survey Report

### Transplant Programs in APBMT: Blood and Marrow Transplant Activity Report from Myanmar APBMT Meeting 2018, Taiwan

Aye Aye Gyi1, Htun Lwin Nyein2, Thida Aung3, Rai Mra4

Department of Clinical Haematology, North Okkalapa General and Teaching Hospital, University of Medicine 2,

Yangon, Myanmar, 2Department of Clinical Haematology, Yangon General Hospital, Yangon, 3National Blood Center,

Yangon, 4Myanmar Society of Haematology, Myanmar Medical Association

Blood Cell Therapy Volume 2 (2019) Issue 4 No.2 Pages 54-57

Submitted:June 18, 2019 Accepted:September 9, 2019 Published online:November 25, 2019 DOI:https://doi.org/10.31547/bct-2019-008

#### Review Article

## **Expansion of Haematopoietic Stem and Progenitor Cells: Paving the Way for Next- Generation Haematopoietic Stem Cell Transplantation**

Sudipto Bari<sub>1,3</sub>, Paul Chong<sub>1</sub>, William Ying Khee Hwang<sub>1,2,3</sub>

<sup>1</sup>National Cancer Centre Singapore, <sup>2</sup>Department of Haematology, Singapore General Hospital, Singapore, <sup>3</sup>Cancer and Stem Cell Biology, Duke-NUS Medical School, Singapore

Blood Cell Therapy Volume 2 (2019) Issue 4 No.3 Pages 58-67

Submitted:March 29, 2019 Accepted:September 18, 2019 Published online:November 25, 2019 DOI:https://doi.org/10.31547/bct-2019-004

#### Survey Report

### Autologous stem cell transplant program in 2016-country report from Bangladesh

Mafruha Akter<sub>1</sub>, Mohiuddin Ahmed Khan<sub>1</sub>, Bimalangshu R Dey<sub>2</sub>

<sub>1</sub>BMT Unit, Department of Hematology, Dhaka Medical College Hospital(DMCH), <sub>2</sub>Massachusetts General Hospital (MGH), Harvard Medical School, Boston, USA

Blood Cell Therapy Volume 3 (2020) Issue 1 No.1 Pages 1-5

Submitted:May 27, 2019 Accepted:November 18, 2019 Published online:February 25, 2020 DOI:https://doi.org/10.31547/bct-2019-006

#### Case Report

#### Successful treatment strategy in corporating mogamulizumab and cord blood transplantation in aggressive adult T-cell leukemia-lymphoma: a case report

Keiichi Nakata<sub>1</sub>, Shigeo Fuji<sub>1</sub>, Midori Koike<sub>1</sub>, Yuma Tada<sub>1</sub>, Hiroaki Masaie<sub>1</sub>, Hitoshi Yoshida<sub>1</sub>, Eri Watanabe<sub>2</sub>, Seiichiro Kobayashi<sub>3</sub>, Arinobu Tojo<sub>4</sub>, Kaoru Uchimaru<sub>4</sub>, Jun Ishikawa<sub>1</sub>

<sup>1</sup>Department of Hematology, Osaka International Cancer Institute, Osaka, Japan, <sup>2</sup>Department of IMSUT Clinical Flow Cytometry Laboratory, The Institute of Medical Science, The University of Tokyo, Tokyo, Japan, <sup>3</sup>Division of Molecular Therapy, Institute of Medical Science, The University of Tokyo, Tokyo, Japan, <sup>4</sup>Department of Hematology/Oncology,Research Hospital, The Institute of Medical Science, The University of Tokyo, Tokyo, Japan Blood Cell Therapy Volume 3 (2020) Issue 1 No.2 Pages 6-10

Submitted:August 27, 2019 Accepted:December 5, 2019 Published online:February 25, 2020 DOI:https://doi.org/10.31547/bct-2019-012

#### Original Article

### Late mortality and causes of death among long-term survivors after autologous hematopoietic stem cell transplantation

Minako Iida<sub>1</sub>, Hideki Nakasone<sub>2</sub>, Takuya Yamashita<sub>3</sub>, Masami Inoue<sub>4</sub>, Yasushi Ishida<sub>5</sub>, Hitoji Uchiyama<sub>6</sub>, Yuta Katayama<sub>7</sub>,Toshihiro Miyamoto<sub>8</sub>, Satoshi Yoshioka<sub>9</sub>, Souichi Shiratori<sub>10</sub>, Takehiko Mori<sub>11</sub>, Masashi Sawa<sub>12</sub>, Yasuhiro Sugio<sub>13</sub>,Takahiro Fukuda<sub>14</sub>, Tatsuo Ichinohe<sub>15</sub>, Yoshiko Atsuta<sub>16</sub>, Yoshihiro Inamoto<sub>14</sub>, for the Late Effect and Quality of Life Working Group of the Japan Society for Hematopoietic Cell Transplantation

Department of Promotion for Blood and Marrow Transplantation, Aichi Medical University School of Medicine, Nagakute, Japan, 2Division of Hematology, Saitama Medical Center, Jichi Medical University, Saitama, Japan, 3Department of Hematology, St. Luke's International Hospital, Tokyo, Japan, 4Department of Hematology/Oncology, Osaka Women's and Children's Hospital, Osaka, Japan, 5Department of Pediatrics, Ehime Prefectural Central Hospital, Matsuyama, Japan, 6Department of Hematology, Japanese Red Cross Kyoto Daiichi Hospital, Kyoto, Japan, 7Department of Hematology, Hiroshima Red Cross Hospital & Atomic-bomb Survivors Hospital, Hiroshima, Japan, 8Medicine and Biosystemic Science, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan, 9Department of Hematology, Kobe City Medical Center General Hospital, Kobe, Japan,

<sup>10</sup>Department of Hematology, Hokkaido University Hospital, Sapporo, Japan, <sup>11</sup>Division of Hematology, Department of Medicine, Keio University School of Medicine, Tokyo, Japan, <sup>12</sup>Department of Hematology and Oncology, Anjo Kosei Hospital, Anjo, Japan, <sup>13</sup>Department of Internal Medicine, Kitakyushu City Hospital Organization, Kitakyushu Municipal Medical Center, Kitakyushu, Japan, <sup>14</sup>Department of Hematopoietic Stem Cell Transplantation, National Cancer Center Hospital, Tokyo, Japan, <sup>15</sup>Department of Hematology and Oncology, Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima, Japan, <sup>16</sup>Japanese Data Center for Hematopoietic Cell Transplantation/Department of Healthcare Administration, Nagoya University Graduate School of Medicine, Nagoya, Japan

Blood Cell Therapy Volume 3 (2020) Issue 1 No.3 Pages 11-17
Submitted:October 18, 2018 Accepted:December 14, 2019 Published online:February 25, 2020
DOI:https://doi.org/10.31547/bct-2019-011

#### Case Report

## Haploidentical hematopoietic stem cell transplantation with one-day posttransplant cyclophosphamide and anti-thymocyte globulin for graft failure

Hiroshi Imanaga<sub>1</sub>, Takanori Ohta<sub>2</sub>, Seido Oku<sub>2</sub>, Yasuhiro Sugio<sub>2</sub>, Yuju Ohno<sub>2</sub>

1Medicine and Biosystemic Science, Kyushu University Graduate School of Medical Sciences, Fukuoka, Japan, 2Department of Internal Medicine, Kitakyushu Municipal Medical Center, Fukuoka, Japan

Blood Cell Therapy Volume 3 (2020) Issue 2 No.1 Pages 18-21

Submitted: July 19, 2019 Accepted: December 15, 2019 Published online: April 21, 2020

DOI:https://doi.org/10.31547/bct-2019-009

#### Original Article

# Treatment of relapsed acute leukemia by Ara C plus donor lymphocyte infusion using CD34+ cells reserved at the time of allogeneic transplantation

Lee YJ<sub>1,2</sub>, Back DW<sub>1,2</sub>, Cho HC<sub>1,2</sub>, Moon JH<sub>1,2</sub>, Sohn SK<sub>1,2</sub>

Division of Hematology-Oncology, Department of Internal Medicine, Kyungpook National University Hospital, Daegu,

Republic of Korea, 2School of Medicine, Kyungpook National University, Daegu, Republic of Korea

Blood Cell Therapy Volume 3 (2020) Issue 2 No.2 Pages 22-31

Submitted:October 2, 2019 Accepted:December 24, 2019 Published online:April 21, 2020 DOI:https://doi.org/10.31547/bct-2019-015

#### **Short Communication**

### Real-world outcomes of stem cell transplantation for severe aplastic anemia: A single-center experience in Northern India

Dharma Choudhury<sub>1</sub>, Meet Kumar<sub>1</sub>, Sanjeev Sharma<sub>1</sub>, Vipin Khandelwal<sub>1</sub>, Divya Doval<sub>1</sub>, Tina Dadu<sub>2</sub>, Rasika Setia<sub>3</sub>, Anil Handoo<sub>2</sub>

<sup>1</sup>Department of Hematology and BMT, BLK Super Specialty Hospital, New Delhi, <sup>2</sup>Department of Hematology, BLK Super Specialty Hospital, New Delhi, <sup>3</sup>Department of Transfusion Medicine, Super Specialty Hospital, New Delhi

Submitted:December 16, 2019 Accepted:January 31, 2020 Published online:May 25, 2020 DOI:https://doi.org/10.31547/bct-2019-018

#### Review Article

### Hematopoietic Stem Cell Transplantation, Where Have We Come and Where Do We Go

James Gajewski

Hebei Yanda Lu Daopei Hospital(consultant), China

Blood Cell Therapy Volume 3 (2020) Issue 3 No.1 Pages 37-43

Blood Cell Therapy Volume 3 (2020) Issue 2 No.3 Pages 32-36

Submitted:October 4, 2019 Accepted:January 31, 2020 Published online:May 25, 2020 DOI:https://doi.org/10.31547/bct-2019-016

#### Survey Report

#### **Evolution of Hematopoietic Stem Cell Transplant Programs in Malaysia**

Norashikin Saidon<sub>1</sub>, Nur Adila Anuar<sub>2</sub>, Chang Kian Meng<sub>3</sub>, Ong Tee Chuan<sub>4</sub>, Tan Sen Mui<sub>4</sub>, Gan Gin Gin<sub>2</sub>, Fadilah SAW<sub>5</sub>, Hany Ariffin<sub>6</sub>, Lin Hai Peng<sub>7</sub>, Chan Lee Lee<sub>7</sub>, Alan Teh<sub>7</sub>, Bee Ping Chong<sub>2</sub>

1Faculty of Medicine, Sungai Buloh, Universiti Teknologi MARA, Malaysia, 2Hematology Unit, University of Malaya Medical Center, Malaysia, 3Sunway Medical Center, Malaysia, 4Hematology Department, Hospital Ampang, Malaysia, 5Department of Medicine, Universiti Kebangsaan Malaysia Medical Centre, Malaysia, 6Department of Pediatrics, University of Malaya Medical Center, Malaysia, 7Subang Jaya Medical Center, Malaysia

Blood Cell Therapy Volume 3 (2020) Issue 3 No.2 Pages 44-47

Submitted:December 3, 2019 Accepted:March 6, 2020 Published online:June 10, 2020 DOI:https://doi.org/10.31547/bct-2019-017

#### Original Article

## High Overall and GVHD-Free Survival in Patients with Aplastic Anemia Receiving *in vivo* T-cell Depletion Transplants and Long-Term Complications

Maria Queralt Salas MD<sub>1,2,3</sub>, Eshetu G. Atenafu<sub>4</sub>, Wilson Lam MD<sub>1,2</sub>, Arjun Datt Law MD<sub>1,2</sub>, Dennis(Dong Hwan)Kim MD<sub>1,2</sub>, Fotios V. Michelis MD<sub>1,2</sub>, Zeyad Al-Shaibani MD<sub>1,2</sub>, Armin Gerbitz MD<sub>1,2</sub>, Jeffrey Howard Lipton MD<sub>1,2</sub>, Auro Viswabandya MD<sub>1,2</sub>, Jonas Mattsson MD<sub>1,2</sub>, Vikas Gupta MD<sub>1</sub>, Rajat Kumar MD<sub>1,2</sub>

<sup>1</sup>University of Toronto, Dept of Medicine, Section of Medical Oncology and Hematology, <sup>2</sup>Hans Messner Allogeneic Blood and Marrow Transplantation Program, Division of Medical Oncology and Hematology, Princess Margaret Cancer Centre, University Health Network, Toronto, Ontario, Canada, <sup>3</sup>Hematology Department, Institut Català d'Oncologia-Hospitalet, IDIBELL, Barcelona, Spain, <sup>4</sup>Department of Biostatistics, Princes Margaret Cancer Centre, University Health Network, Toronto, Ontario, Canada

Blood Cell Therapy Volume 3 (2020) Issue 3 No.3 Pages 48-58 Submitted:February 26, 2020 Accepted:May 24, 2020 Published online:July 14, 2020 DOI:https://doi.org/10.31547/bct-2020-001

#### Guideline

### HSCT Guidelines for Transplant Practices During the COVID-19 Pandemic in India [ISBMT DOCUMENT Version1.0]

SharatDamodar<sub>1</sub>, Vivek S Radhakrishnan<sub>2</sub>, Joseph John M<sub>3</sub>, Pankaj Malhotra<sub>4</sub>, Reetu Jain<sub>5</sub>, Sameer Melinkeri<sub>6</sub>, Jose Easow<sub>7</sub>, Alok Srivastava<sub>8</sub>, on behalf of the Indian Society for Blood and Marrow Transplantation(ISBMT)

1Mazumdar Shaw Medical Center, Narayana Health City, Bengaluru, 2Tata Medical Center, Kolkata, 3Christian Medical College, Ludhiana, 4Post Graduate Institute of Medical Education and Research, Chandigarh, 5Jaslok Hospital & Research Center, Mumba, 6Deenanath Mangeshkar Hospital and Research Center, Pune, 7Apollo Hospital, Chennai,

8Christian Medical College, Vellore

Blood Cell Therapy Volume 3 (2020) Issue 3 No.4 Pages 59-70

Submitted:May 15, 2020 Accepted:May 26, 2020 Published online:May 28, 2020

DOI:https://doi.org/10.31547/bct-2020-003

#### Case Report

## Post-HSCT relapsed precursor B-cell ALL successfully salvaged by BiTE followed by consolidation CAR-T cell therapy: A report of two cases

Wei-Han Huang<sub>1,5,6,7</sub>, Chun-Rong Tong<sub>2</sub>, Tong Wu<sub>3</sub>, Yun-Chu Lin<sub>4</sub>, Chi-Cheng Li<sub>5,6,7</sub>

<sup>1</sup>Department of Clinical Pathology, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan, <sup>2</sup>Department of Hematology, Beijing Boren Hospital, Beijing, China, <sup>3</sup>Department of Bone Marrow Transplantation, Beijing Boren Hospital, Beijing, China, <sup>4</sup>Department of Hematologic Oncology, National Taiwan University Cancer Center, Taipei, Taiwan, <sup>5</sup>Department of Hematology & Oncology, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan, <sup>6</sup>Center of Stem Cell and Precision Medicine, Hualien Tzu Chi Hospital, Buddhist Tzu

Chi Medical Foundation, Hualien, Taiwan, 7School of Medicine, Tzu Chi University, Hualien, Taiwan

Blood Cell Therapy Volume 3 (2020) Issue 4 No.1 Pages 71-73

Submitted:March 29, 2020 Accepted:June 12, 2020 Published online:August 4, 2020

DOI:https://doi.org/10.31547/bct-2020-002

#### Case Report

#### Salvage Transplantation with Cord Blood for Graft Rejection of Peripheral Blood Stem Cells due to Donor Specific Antibody

Maria Regina Pelobello de Leon<sub>1,2</sub>, Shuichiro Takahashi<sub>1,3</sub>, Masahiro Onozawa1, Makoto Ito<sub>4</sub>, Manabu Nakano<sub>5</sub>, Hajime Senjo<sub>1</sub>, Masahiro Chiba<sub>1</sub>, Hiroyuki Ohigashi<sub>1</sub>, Emi Yokoyama<sub>1</sub>, Junichi Sugita<sub>1</sub>, Daigo Hashimoto<sub>1</sub>, Takanori Teshima<sub>1</sub>

<sup>1</sup>Department of Hematology, Faculty of Medicine, Hokkaido University, Sapporo, Japan, <sup>2</sup>Department of Medicine, Section of Hematology, Makati Medical Center, Makati City, Phillippines, <sup>3</sup>Sapporo Hokuyu Hospital, Sapporo, Japan, <sup>4</sup>Division of Laboratory and Transfusion Medicine, Hokkaido University Hospital, Sapporo, Japan, <sup>5</sup>Japanese Red Cross Hokkaido Block Blood Center, Sapporo, Japan

Blood Cell Therapy Volume 3 (2020) Issue 4 No.2 Pages 74-77

Submitted:May 18, 2020 Accepted:June 26, 2020 Published online:August 31, 2020

DOI:https://doi.org/10.31547/bct-2020-004

#### Original Article

#### A Novel Hematopoietic Progenitor Cell Mobilization Regimen Comprising Bortezomib, G-CSF, and Preemptive Plerixafor for Multiple Myeloma

Kazuki Tanimoto, Keiji Sakamoto, Ichiro Kawano, Ikumi Yamanaka, Hideho Henzan

Department of Hematology and Oncology, Japanese Red Cross Fukuoka Hospital, Fukuoka, Japan Blood Cell Therapy Volume 3 (2020) Issue 4 No.3 Pages 78-83 Submitted:May 25, 2020 Accepted:July 29, 2020 Published online:October 9, 2020 DOI:https://doi.org/10.31547/bct-2020-006

#### Original Article

#### Day 0 bone marrow pathology of allogeneic hematopoietic stem cell transplantation is a novel prognostic factor in myeloid malignancies

Takahiko Sato<sub>1</sub>, Naomi Kawashima<sub>1</sub>, Masafumi Ito<sub>2</sub>, Yoshiko Atsuta<sub>3</sub>, Yusuke Kagaya<sub>1</sub>, Aika Seto<sub>1</sub>, Takanobu Morishita<sub>1</sub>, Nobuaki Fukushima<sub>1</sub>, Yukiyasu Ozawa<sub>1</sub>, Koichi Miyamura<sub>1</sub>

<sup>1</sup>Department of Hematology, Japanese Red Cross Nagoya First Hospital, Nagoya, Japan, <sup>2</sup>Department of Pathology, Japanese Red Cross Nagoya First Hospital, Nagoya, Japan, <sup>3</sup>Japanese Data Center for Hematopoietic Cell Transplantation, Nagoya, Japan

Blood Cell Therapy Volume 3 (2020) Issue 4 No.4 Pages 84-91

Submitted:June 6, 2020 Accepted:August 9, 2020 Published online:October 16, 2020 DOI:https://doi.org/10.31547/bct-2020-007

## Appendix

Offering Delta Mileage to Medical Professionals in Emerging Countries/Regions to Support their Journeys in the Asia-Pacific Region by the Japanese Marrow Donor Registry Promotion Conference (JMDRPC)

#### [Background and aims of this project]

APBMT encourages medical professionals in emerging countries/regions to obtain knowledge and skills regarding Hematopoietic Stem Cell Transplantation by attending international congresses which will further contribute to the development of such technologies in their countries. However, costly travel expenses are an obstacle that prevents young medical professionals from participating.

The Japanese Marrow Donor Registry Promotion Conference (JMDRPC) possesses miles donated by contributors who use Delta Airlines through the Sky Wish Charity program. The aim of this project is to utilize these miles to support the travel expenses of medical professionals from emerging countries towards the improvement of hematopoietic cell transplantation; thus, this project will expand opportunities for patients in emerging countries to receive transplants.

#### [Targets of this support must]

- · Have a medical license (doctors, nurses, etc.)
- · Have been confirmed to attend a conference related to HSCT in the Asia-Pacific region.
- · Be judged as adequate recipients by the judging board of this project

#### [About the ticket offer]

- Economy class round-trip ticket that is in the service of Delta Airlines and affiliated airlines (Appendix: Sky team alliance)
- It is possible to travel to major cities in the world, though a transit airport might be designated. In addition, departure (in the case of return flights) might be from a domestic hub airport rather than a local airport.
- Fuel surcharge fees and airport usage fees other than the air ticket shall be borne by the applicant (the traveler himself/herself). After determining the flight number/amount, fees are paid to the account of the Japanese Marrow Donor Registry Promotion Conference (JMDRPC).
- Due to the limited number of mileage tickets available, the number of days between flights might increase to more than the traveler originally considered.

#### [How to apply]

- The applicant must be from an APBMT participating country/region.
- · Applicants must complete the application form on the web.

#### **Requirements:**

- 1. Name, occupation, institution, copy of passport
- 2. Schedule of outbound flight; departure date, departure airport, arrival airport
- 3. Schedule of return flight; departure date, departure airport, arrival airport

#### [Responsibility to report]

- Applicants who receive benefits through support from this project are required to submit a small report to APBMT within one month after returning.
- An overview of the report will be included in the publications of the Japanese Marrow Donor Registry Promotion Conference (JMDRPC) and APBMT (Annual Report).

#### [Contact]

Minako Iida, Yukari Nakao (APBMT Secretariat Office)

Department of Promotion for Blood and Marrow Transplantation

Aichi Medical University, School of Medicine

1-1, Yazakokarimata, Nagakute, Aichi, 480-1195, Japan

Tel: +81-561-62-3311 (Ext.12375) Fax: +81-561-61-3180

Email address: miida@aichi-med-u.ac.jp

#### SkyTeam member airlines

Aeroflot	Mandarin Airlines	KLM Cityhopper
Aerolineas Argentinas	China Eastern Airlines	KOREAN AIR

Austral Lineas Aereas Shanghai Aielines Jin Air

Aeromexico China Southern Airlines Middle East Airlines

Aeromexico Connect Czech Airlines Saudia
Air Europa Delta Air Lines TAROM

Air France Delta Connection, Delta Shuttle Vietnam Airlines

Alitalia Garuda Indonesia XiamenAir

Alitalia CityLiner Kenya Airways

China Airlines KLM

#### Beneficiaries in 2018 and 2019

2018	Malaysia	Bee Ping Chong
------	----------	----------------

Mongolia Batsukh Khishigjargal

Myanmar Aye Aye Gyi

2019 India Uday Yanamandra

Malaysia Nur Adila bt Anuar

Malaysia Norashikin binti Saidon Malaysia Normala binti Arshad

Malaysia Zulaili yunus

Mongolia Myadagsuren Sukhbaatar

### **Cooperate Members**











### **Banner Contributions**



MSD株式会社 www.msd.co.jp



#### **APBMT Annual Report 2020**

#### **APBMT officers**



**President** 

Shinichio Okamoto Department of Medicine Keio University School of Medicine 35 Shinanomachi, Shinjuku, Tokyo, 160-8582, Japan Tel: +81 3 3335 1221

Tel: +81 3 3335 1221 okamoto.a7@keio.jp

**Secretariat office** 

E-mail: office@apbmt.org

Website: http://www.apbmt.org

Department of Promotion for Blood and Marrow

Transplantation

Aichi Medical University School of Medicine 1-1 Yazakokarimata, Nagakute, Aichi, 480-1195, Japan

Tel: +81 561 62 3311 (Ext. 12375) Fax: +81 561 61 3180



Minako Iida miida@aichi-med-u.ac.jp



Yukari Nakao yukari-nakao@aichi-med-u.ac.jp



Hiroe Namizaki namizaki@aichi-med-u.ac.jp