Solid organ transplantation (SOT) after Paediatric cancer

Fields marked with * are mandatory.

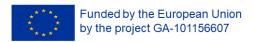




for rare or low prevalence complex diseases

Network

Transplantation in Children (ERN TRANSPLANT-CHILD)



TransplantChild clinical audit on Pediatric Solid Organ Transplantation (SOT) after childhood cancer

Pediatric transplantation after cancer represents a critical and intricate facet of healthcare, demanding specialised attention due to the unique challenges posed by both cancer treatment and transplantation procedures in young patients. The definition includes individuals who 1) have survived childhood cancer, 2) have required a SOT as a cancer treatment (i.e., children with diagnosis of hepatoblastoma), 3) have required a retransplantation due to graft cancer (e.g., PTLD), and who underwent to transplantation at younger than 18 years of age.

The **main objective** of this survey is to investigate practices regarding SOT after pediatric cancer among ERN-TransplantChild members. The purpose of this survey, as with the other clinical audits promoted by the TransplantChild Clinical Audit Working Group, is to identify the clinical reality of the transplant centres and programmes included in the ERN on this topic.

Please, share this survey with your colleagues who may be interested in answering it.

Thank you for your valuable input. If you have any concerns or questions about this survey, please contact us (coordination@transplantchild.eu).

* Ple	* Please, insert a valid email:								

Data protection policy

Please, download and read the data protection policy:

TransplantChild_survey_data_protection_policy.pdf

I accept your Terms

* Institution:

- AUSTRIA Centre for Pediatric Lung Transplantation, Medical University of Vienna
- BELGIUM Princess Elisabeth Children's Hospital, Gent
- BELGIUM University Hospital Saint-Luc, Brussels
- CROATIA University Hospital Centre Zagreb
- DENMARK Odense University Hospital
- DENMARK Rigshospitalet University Hospital, Copenhagen
- ESTONIA Tartu University Hospital
- FINLAND HUS Helsinki University Hospital
- FRANCE Hôpital Bicêtre Hôpitaux de Paris
- FRANCE Hôpital Necker Enfants Malades Hôpitaux de Paris
- GERMANY Medizinische Hochschule Hannover
- GERMANY University Medical Center Hamburg-Eppendorf (UKE), Hamburg
- HUNGARY Semmelweis University, Budapest
- IRELAND Children's Health Ireland (CHI)
- ITALY AOU Città della Salute e della Scienzia di Torino
- ITALY Azienda Ospedaliera di Padova
- ITALY ISMETT Istituto Mediterraneo per i Trapianti e Terapie ad Alta Specializzazione, Palermo
- ITALY Ospedale Papa Giovanni XXIII, Bergamo
- ITALY Ospedale Pediatrico Bambino Gesù, Rome
- LATVIA Children's Clinical University Hospital, Riga
- LITHUANIA Vilnius University Hospital Santaros Klinikos
- LUXEMBOURG Centre Hospitalier du Luxembourg
- MALTA Mater Dei Hospital, Malta
- NORWAY Oslo University Hospital
- Other
- POLAND Children's Memorial Health Institute, Warsaw
- PORTUGAL Centro Hospitalar de Lisboa Norte
- PORTUGAL Centro Hospitalar e Universitário de Coimbra
- PORTUGAL Santo António Local Health Unit, Porto
- SPAIN Hospital Infantil Universitario Niño Jesús, Madrid
- SPAIN Hospital Sant Joan de Déu, Barcelona
- SPAIN Hospital Universitario Gregorio Marañón, Madrid
- SPAIN Hospital Universitario La Paz, Madrid
- SPAIN Hospital Universitario Virgen del Rocío, Sevilla
- SPAIN Hospital Universitari Vall d'Hebron, Barcelona
- SWEDEN Karolinska University Hospital
- SWEDEN Sahlgrenska Universitetssjukhuset, Göteborg
- SWEDEN Skåne University Hospital, Lund
- THE NETHERLANDS Erasmus UMC Rotterdam

	THE NETHERLANDS - UMC AmsterdamTHE NETHERLANDS - UMC Utrecht
	UK - King's College Hospital NHS Foundation Trust, London
Ple	ease, specify other institution name:
* Wł	nich transplantation program is your unit dedicated to?
	Heart
	Kidney
	Intestinal
	Lung
	Liver
· Yo	ur occupation?:
	Pediatrician
	Paediatric transplant surgeon
	Transplant surgeon
	Other
If c	ther, please specify:
0	please speelij.
1)	Does your current SOT protocol include guidelines for the inclusion of patients with previous
ca	ncer??
	O Yes
	O No
	O No
	Other
If c	ther, please specify:
* 2)	Are you aware of a national registry of cancer after SOT (after each SOT)?
	O Yes
	O No
	Other
If c	ther, please specify:
If c	ther, please specify:

*3) Are you aware of national guidelines of inclusions of pediatric patients for SOT in your country?

O Y	es es
N	0
© 0	ther
16 .1	
If other,	please specify:
* 4) Do yo	ou consider pediatric patients (age < 18 years) with cancer diagnosis as a candidate for solid
	ansplantation (SOT)?
© Y	•
_	
© N	
*5) Do yo	ou consider pediatric patients (age < 18 years) with high recurrence risk of the primary
cancer a	as candidate for SOT?
Y	es
■ N	
-	your centre have a special guideline for SOT after childhood cancer?
Y	es
N	0
O	ther
lf other	planes aposify:
ii otrier, į	please specify:
*7) Is the	donor selection different at your center for pediatric recipients with or without pre-
transpla	int cancer?
TI	he donor selection is not affected by previous malignancy of the recipient
_	nly living donors are accepted
_	
_	nly deceased donors are accepted
0 0	ther
If other,	please specify:
+ 0\ Havr :	a the timing from concer disappeas and COT decided?
	s the timing from cancer diagnosis and SOT decided?
_	here is no rule for timing or time limitation from cancer diagnosis to SOT
O TI	he timing is dependent on the type of the malignancy based on the recurrence risk of the cancer
	he timing is decided case-by-case depending on patients need for SOT
© 0	ther
16	
It other,	please specify:

* 9) [Do you use modified immunosuppressive protocol in pediatric SOT patients with previous
car	ncer?
	O Yes
	O No
* If y	ou answered " Yes ", how do you modify the immunosuppressive treatment?
	Decided case-by-case
	Minimal immunosuppressive treatment
	Other Other
If o	ther, please specify:
* 10)	Has your centre transplanted children (age < 18 years) with diagnosed cancer before
trai	nsplantation?
	© Yes
	O No
* If \//	ou answered "No", What is the reason for not having transplanted cancer patients?
-	No patient in need for transplantation
	Centre dependent reason
	·
	Other reason
If o	ther, please specify:

	Childhood cancer survivors (n)	SOT as a cancer treatment (n) (e.g, children with diagnosis of hepatoblastoma)	Retransplantation due to graft cancer (n) (e.g., PTLD)	Total (n)
Kidn	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

	Childhood cancer survivors (n)		SOT as a cancer treatment (n) (e.g, children with diagnosis of hepatoblastoma)	Retransplantation due to graft cancer (n) (e.g., PTLD)	Total (n)
L	₋iver	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

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Не	eart	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

	Childhood cancer survivors (n)	SOT as a cancer treatment (n) (e.g, children with diagnosis of hepatoblastoma)	Retransplantation due to graft cancer (n) (e.g., PTLD)	Total (n)
Intestir	al Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

		Childhood cancer survivors (n)	SOT as a cancer treatment (n) (e.g, children with diagnosis of hepatoblastoma)	Retransplantation due to graft cancer (n) (e.g., PTLD)	Total (n)
L	ung	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

* 12.	.1) I	has your centre performed pediatric kidney transplantation after
		Solid tumor
		Hematopoietic stem cell transplantation
		Both
* 12.	.2) I	Has your centre performed pediatric liver transplantation after
	0	Solid tumor
		Hematopoietic stem cell transplantation
	0	Both
* 12.	.3) I	Has your centre performed pediatric heart transplantation after
		Solid tumor
		Hematopoietic stem cell transplantation (HSCT)
	0	Both
* 12.	.4) I	Has your centre performed pediatric intestinal transplantation after
		Solid tumor
		Hematopoietic stem cell transplantation (HSCT)
		Both
* 12.	.5) I	Has your centre performed pediatric lung transplantation after
		Solid tumor
	0	Hematopoietic stem cell transplantation (HSCT)
	0	Both

	Cancer itself (n)	Cancer treatment related organ failure (n)	Organ failure not related to cancer or cancer treatment (n)	Not known (n)	Other cause, (n)
Kidn	Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

	Cancer itself (n)	Cancer treatment related organ failure (n)	Organ failure not related to cancer or cancer treatment (n)	Not known (n)	Other cause, (n)
Liver	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

		Cancer itself (n)	Cancer treatment related organ failure (n)	Organ failure not related to cancer or cancer treatment (n)	Not known (n)	Other cause, (n)
ŀ	Heart	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

	Cancer itself (n)	Cancer treatment related organ failure (n)	Organ failure not related to cancer or cancer treatment (n)	Not known (n)	Other cause, (n)
Intestinal	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

	Cancer itself (n)	Cancer treatment related organ failure (n)	Organ failure not related to cancer or cancer treatment (n)	Not known (n)	Other cause, (n)
Lu	ng * Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed	* Only values of at most 100 are allowed

cause, please specify:
character(s) maximum
las the patient had recurrence of the primary cancer after kidney transplantation?
Yes
No
Data not available
Butta flot available
please specify the number
values between 1 and 100 are allowed
Talides between 1 and 100 are allowed
las the patient had recurrence of the primary cancer after liver transplantation?
Yes
No
Data not available
please specify the number
values between 1 and 100 are allowed
las the patient had recurrence of the primary cancer after heart transplantation?
Yes
No
Data not available
please specify the number
values between 1 and 100 are allowed
raides between 1 and 100 are allowed
las the patient had recurrence of the primary cancer after intestinal transplantation?
las the patient had recurrence of the primary cancer after intestinal transplantation?
Yes
Yes No
Yes No Data not available
Yes No Data not available please specify the number
Yes No Data not available
Yes No Data not available please specify the number
Yes No Data not available please specify the number
Yes No Data not available please specify the number
Yes No Data not available please specify the number values between 1 and 100 are allowed
1

If Non-relation and the the control of	
If Yes, please specify the number	
Only values between 1 and 100 are allowed	∍d
*15.1) Are you aware of secondary mal	ignancies after kidney transplantation in pediatric patients
having had cancer before SOT?	
© Yes	
O No	
Data not available	
If Yes, please specify the number	
Only values between 1 and 100 are allowed	ed
	ignancies after liver transplantation in pediatric patients
having had cancer before SOT?	
O Yes	
O No	
Data not available	
If Yes, please specify the number	
Only values between 1 and 100 are allowed	∍d
*15.3) Are you aware of secondary mal	ignancies after heart transplantation in pediatric patients
having had cancer before SOT?	ignations after heart transplantation in pediatric patients
Yes	
O No	
Data not available	
Data not available	
If Yes, please specify the number	
Only values between 1 and 100 are allowed	ad
Only values between 1 and 100 are allowed	<i>3</i> 0
*15.4) Are you aware of secondary mal	ignancies after intestinal transplantation in pediatric patients
having had cancer before SOT?	
Yes	
O No	
Data not available	
If Yes, please specify the number	
Only values between 1 and 100 are allowed	ed
, 11 11 11 11 11 11 11 11 11 11 11 11 11	

Data not available

* 15.5)	Are you aware of secondary malignancies after lung transplantation in pediatric patients
havin	g had cancer before SOT?
	Yes
	No
	Data not available

If Yes, please specify the number

Only values between 1 and 100 are allowed

Thank you for your time!



