

IPNA Global Registry for Pediatric Renal Replacement Therapy

Franz Schaefer
University of Heidelberg, Germany

IranSPN Collaboration with Global IPNA Registry for CKD



Hooman N
Professor Pediatric Nephrology
Iran University of Medical
2019

Permission

Nakisa Hooman <nakisa45@gmail.com>

Oct 29, 2019, 5:34 PM (10 days ago)



to Ploos ▾

Dear Sophie

I am going to present **IPNA**- Global RRT Registry in 17th International Congress of Nephrology, Dialysis, and Transplantation held in Tabriz, Iran

19-22 November 2019 in order to encourage the colleagues to participate more effectively in this project.

I wonder if you have any ready presentation in order to show the step of establishing this registry.

Best

Nakisa Hooman



Schaefer, Franz <Franz.Schaefer@med.uni...>

Wed, Oct 30, 7:16 PM (9 days ago)



to (Sophie), me, Dagmara ▾

Dear Nakisa,

please find my presentation from Venice attached.

I hope this helps. Many thanks for promoting the online registry in Iran so successfully! We will soon be offering national registry reports and also a download function for the national registry data.

Best wishes,

Franz

Value of Registries for Renal Replacement Therapy

- Documentation of clinical work load for resource allocation by hospital authorities
- Provision of ESRD/RRT demographics for resource allocation by regional/national health care providers
- Benchmarking of center performance by monitoring of key performance and outcome measures
- Empowerment of research initiatives and guideline activities through information on disease demographics, comorbidities, management and outcomes
- Facilitation of clinical trial planning by information on available populations

Added Value of a Global RRT Registry?

- Enable global and regional comparisons for performance & outcome benchmarking
- Provide critical mass for analyses of rare events, diseases, treatments
- Help emerging countries to build national RRT registries

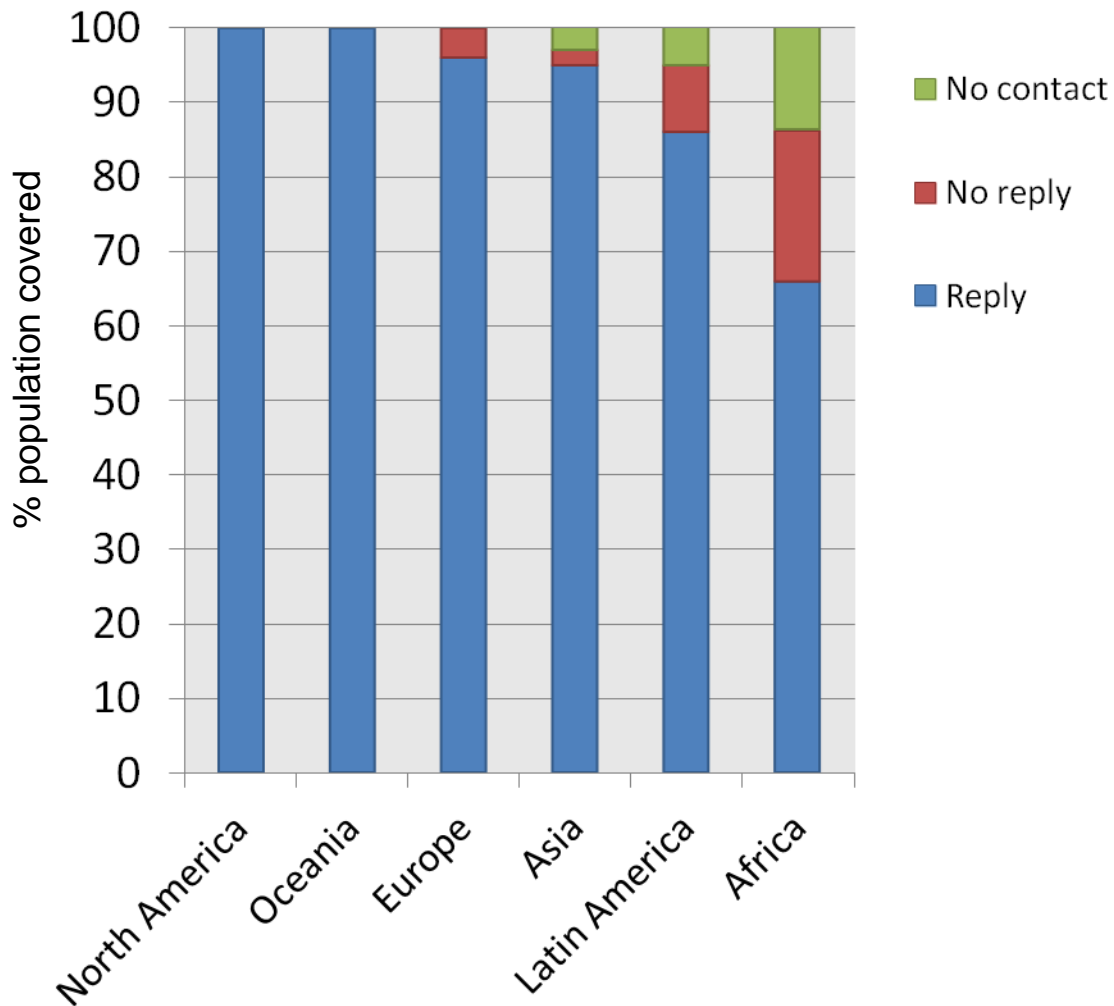
Iran Regional Registries Report

- IPDR (**2239 adult**)- *Questionnaire* (1995-2010)
 - Hakim software (Electronic Health Record: Pegahsoft, 2004
 - Najafi I, [Perit Dial Int.](#) 2014
- CAPD (**182 ped**)- *Questionnaire* (1993-2006)
 - Hooman N, Arch Iran Med 2009
- Renal Tx (**907 ped**)- *Questionnaire* (2006-2010)
 - Otukesh H, Pediatr Transpl ,2011
- IRRTR (**no information**)

2016 Global Pediatric RRT Survey

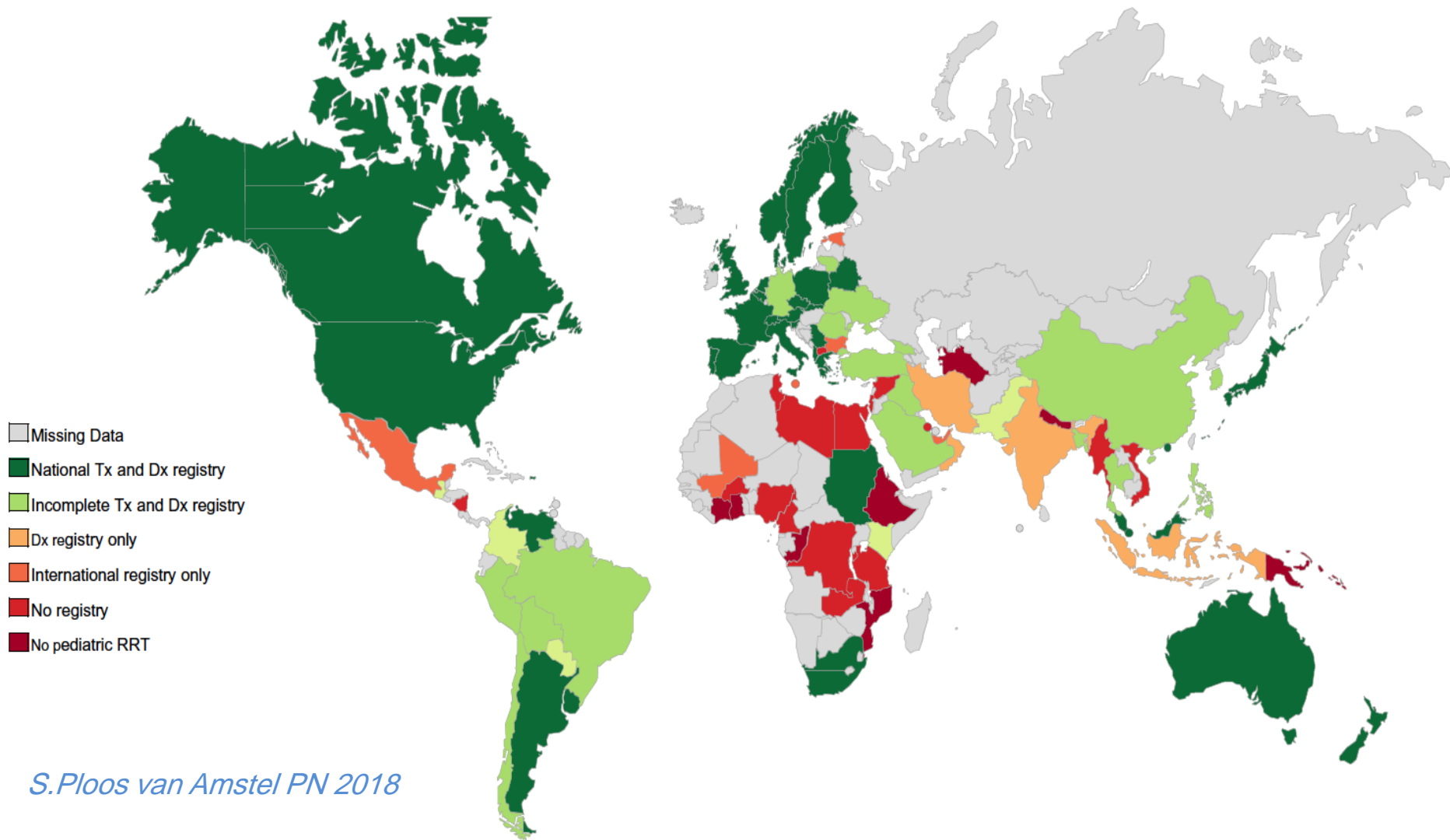
Invitation sent to pediatric nephrologist contacts in 125 of 178 countries with >0.3M population

Responses from 94 countries covering 6.2 billion (90.3% of global) population



S.Ploos van Amstel PN 2018

RRT Registry Information Available According to Survey



S.Ploos van Amstel PN 2018






IPNA Registry

Global Renal Replacement Registry for Children

Aims:

- ✓ To provide information on RRT and outcomes in the context of socioeconomic conditions
- ✓ To provide global pediatric RRT benchmarking
- ✓ To promote pediatric RRT programs in emerging countries
- ✓ To empower clinical research by providing disease, CKD and RRT demographics

Registry Committee

Function Name	Photo	Function	Name
Chair Franz Schaefer		ESPN	Jaap Groothoff
		ALANEPE	Francisco Cano
		AsPNA	Hong Xu
Vice Chair Brad Warady		JSPN	Kenji Ishikura
		ASPN	Alicia Neu
		AfPNA	Hesham Safouh
		ANZPNA	Jonathan Craig
AMC Team Director Kitty Jager		Registry Coordinator	Sophie Ploos van Amstel
AMC Supervisor Marlies Noordzij			

Core dataset:



- Country
- Center ID
- Center status (public/private)



- Patient ID
- Sex

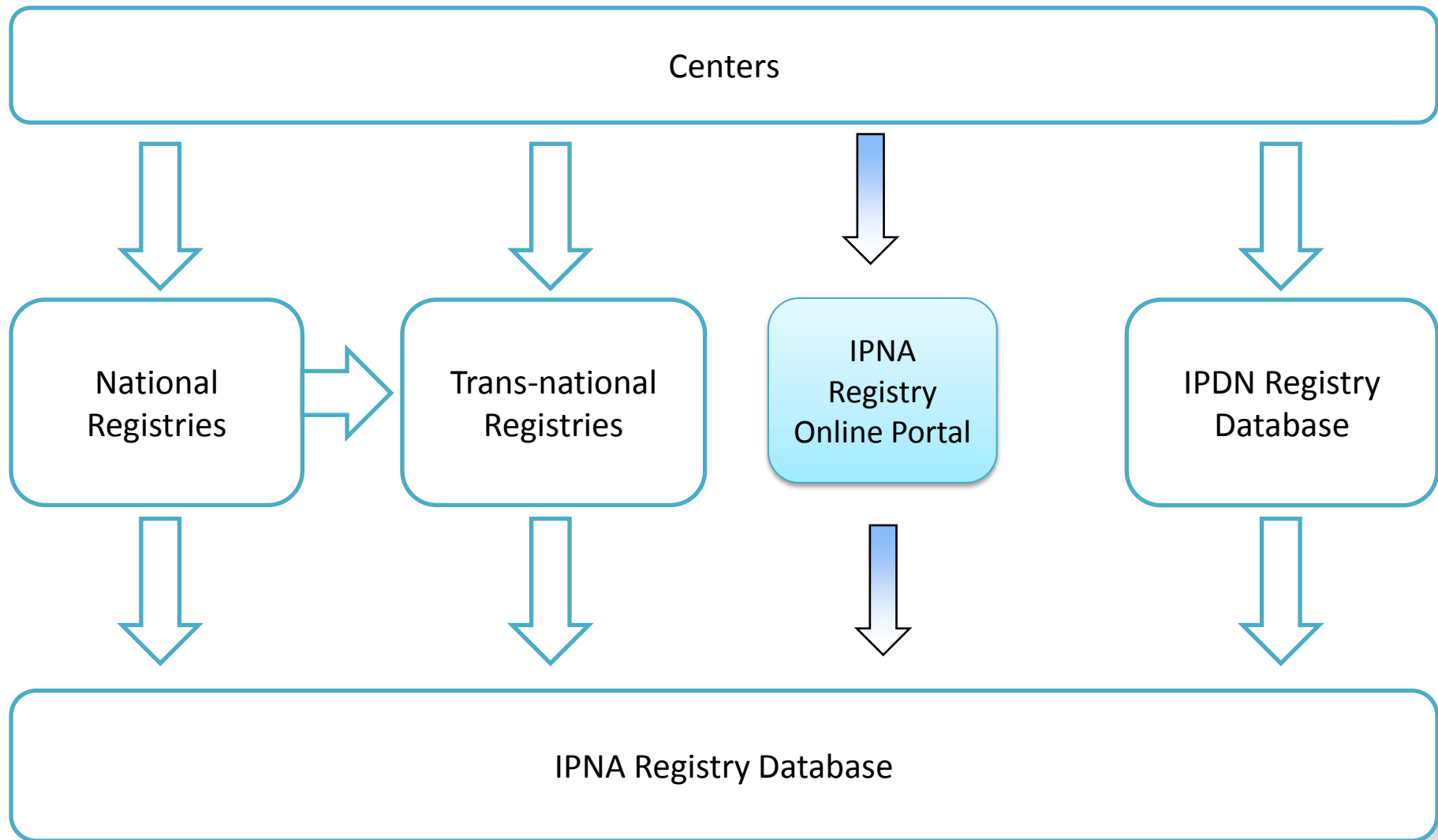


- Date of birth
- Primary Renal Disease (PRD)
- New / transferred patient



- Date of start/change of treatment modality
- Date and cause of death
- Date and cause of graft failure

Data Submission and Integration



ipna-registry.org



Language:    

[About the registry](#)

[IPNA main page](#)

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About the IPNA Global RRT Registry

There is general consensus that systematic monitoring of the incidence, prevalence and outcomes of renal replacement therapy in children can help to optimize the clinical management of this challenging condition.

Unfortunately, registry information is scattered and incomplete in many countries and databases are not available for many low- and middle-income countries, leaving a large part of the global paediatric ESRD population unidentified and health care providers uninformed about the size of the treatment challenges ahead.

Therefore, the [International Pediatric Nephrology Association \(IPNA\)](#) has initiated a global RRT registry to collect population based information on children receiving renal replacement therapy around the world.

The IPNA Global RRT Registry is pursuing the following objectives:

- To provide information on renal replacement therapy practices and outcomes in the context of socioeconomic conditions in children around the globe
- To empower clinical and translational research through information on disease demographics and comorbidities in children with end-stage kidney disease
- To facilitate interventional trials in children undergoing dialysis and kidney transplantation

Our vision is to obtain information from every child and adolescent undergoing dialysis and transplantation anywhere in the world. In this endeavor, IPNA is partnering with regional, national and international dialysis and transplant registries, and with individual pediatric dialysis centers wherever national registries are not available.

Activate Windows
Go to Settings to activate Windows.

IPNA Registry Website – regional admin

You are logged in as
ir_nhooman

Logout



Language:    

About the registry

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Privacy policy

Administration

Centers / User

Centers / User Administration - Iran

Select a center to edit or [ADD A NEW CENTER](#)

IR-001	Tehran, Aliasghar Clinical Research Development Center, Iran University of Medical Sciences
IR-002	Rasht, Guilan University of Medical Sciences
IR-003	Babol, Amrkola Children Hospital
IR-004	Sari, Boooli Hospital, Mazandaran University of Medical Sciences
IR-005	Urmia, Mothahary Hospital, Nephrology & Kidney Transplant ResearchCenter, Urmia University of Medical Sciences
IR-006	Shiraz, Shiraz nephro-urology research center, Shiraz University of medical sciences
IR-007	Tehran, Mofid children hospital, Shahid Beheshti University of Medical Sciences
IR-008	Tehran, Children's Medical Center, Tehran University of Medical Sciences
IR-009	Tabriz, Tabriz Children's Hospital, Tabriz University of Medical Sciences
IR-010	Ilam, Emam khomeini hospital, Ilam University of Medical Sciences
IR-011	Arak, Amirkabir Hospital, Arak University of Medical Sciences
IR-012	Sanandaj, Besat hospital, Kurdistan University of medical Sciences
IR-013	Mashad, Sheikh hospital, Mashad University of Medical Sciences
IR-014	Kerman, Afzalipur hospital, Kerman University of Medical Sciences
IR-015	Ahwaz, Children Medical Center, Ahwaz Jundishapur university of Medical sciences
IR-016	Semnan, Amir hospital, Semnan University of Medical Sciences
IR-017	Qom, Hazrat maasomeh Hospital, Qom university Medical Sciences
IR-018	Hamedan, Besat hospital, Hamedan University of Medical Sciences
IR-019	Kermanshah, Emam Reza General Hospital, Kermanshah University of Medical Sciences
IR-020	Zahedan, Aliebn Abitaleb Hospital, Zahedan University of Medical Sciences
IR-021	Bandar Abbas, Children hospital of Bandar Abbas, Hormozgan University of Medical Sciences
IR-022	Qazvin, Qods Children Hospital, Qazvin University of Medical Sciences
IR-023	Mashad, Montaseriyeh hospital, Mashahd university of Medical sciences
IR-024	Tehran, Baqiatallah Hospital, Baqiatallah University

17th

International Congress of Nephrology, Dialysis, and Transplantation

Tabriz, Iran 19-22 November 2019



Iranian Society of Nephrology

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- Contact
- Privacy policy
- Administration
 - Centers / User

Center: IR-007, Tehran, Mofid children hospital, Shahid Beheshti University of Medical Sciences

Delete center

Center-ID **IR-007**
Country Iran
Number 007

Enter 3 digits for center identification (e.g. 001). The combination of country and number must be unique!
The Center-ID is not editable after saving - please enter with care!

Center type	<input type="text" value="Pediatric center"/>
Center name	<input type="text" value="Mofid children hospital, Shahid Beheshti University of Medical Sciences"/>
City / (Zipcode)	<input type="text" value="Tehran"/> / (<input type="text" value="1546815554"/>)
Address	<input type="text" value="Shariati Ave, Tehran, Iran"/>
Telephone	<input type="text" value="+98)-21- 2222-7021(-9)"/>
Fax	<input type="text" value="+98)- 21- 2222-0254"/>
Website	<input type="text" value="http://www.mch.sbmu.ac.ir/"/>

Save center data

» Back to centers list

Center users

Please select a user to edit or [ADD A NEW USER](#)

mmohkam	Masoumeh Mohkam
msharifian	Mostafa Sharifian Dorcheh
smthatababaei	Seyyed Mohammad Taghi Hosseini Tabatabaei
nesfandiar	Nasrin Esfandiar

Modes of Data Transmission

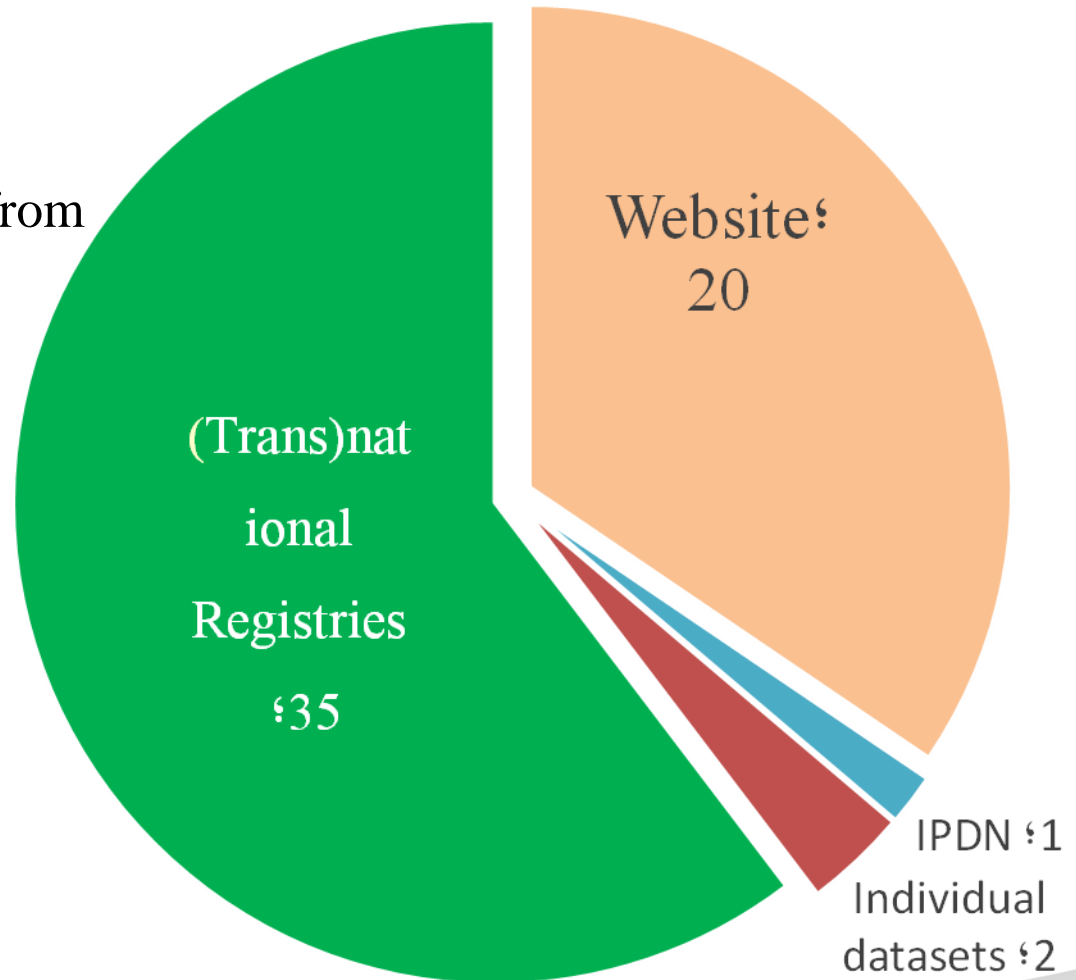
Close to **23,000 RRT patients** registered

Most countries transmitted data from existing (trans)national registries (ESPN, USRDS)

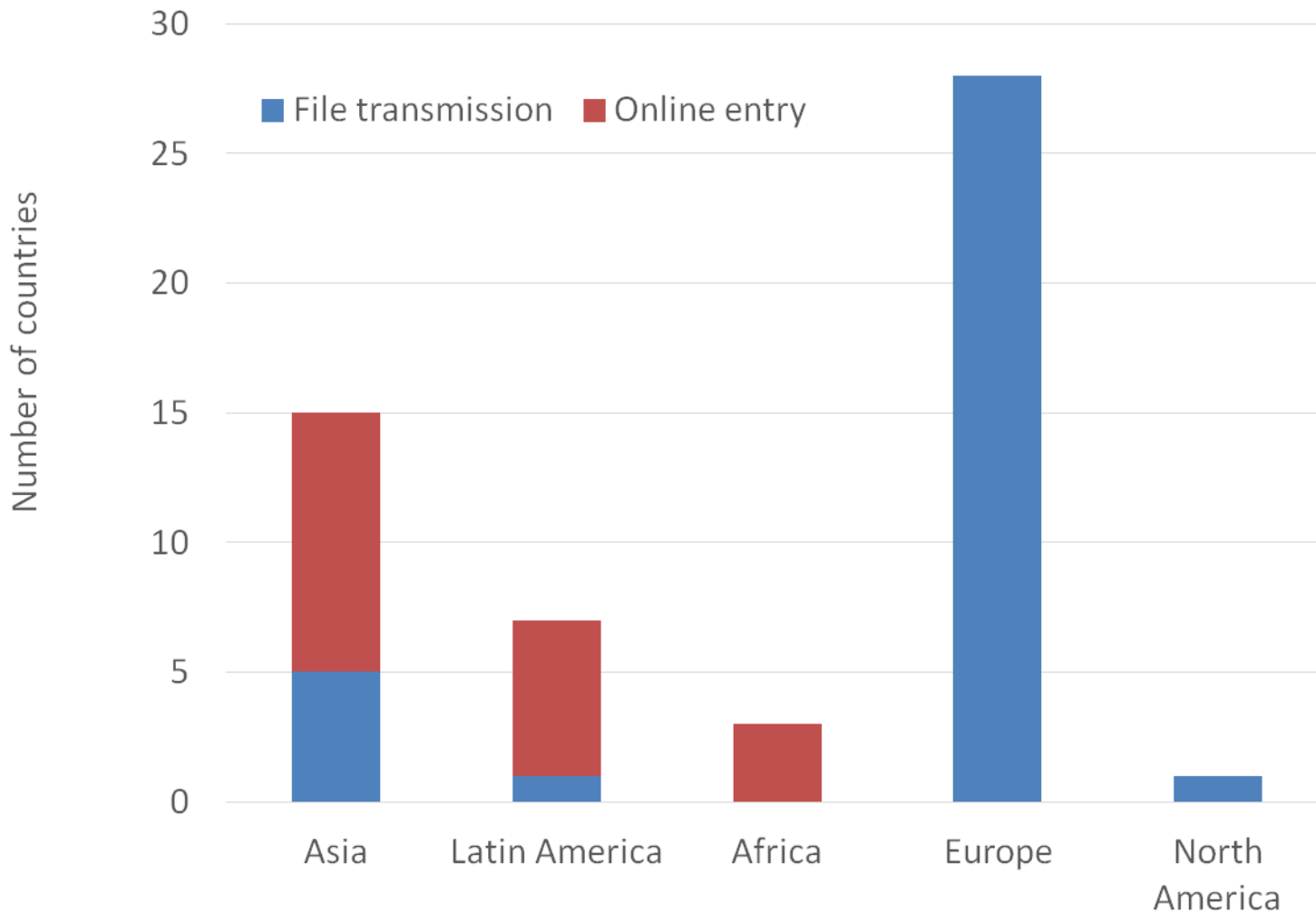
Website launched in 2018; already >2300 patients from 20 countries entered

Under construction: Interface between IPDN and IPNA databases

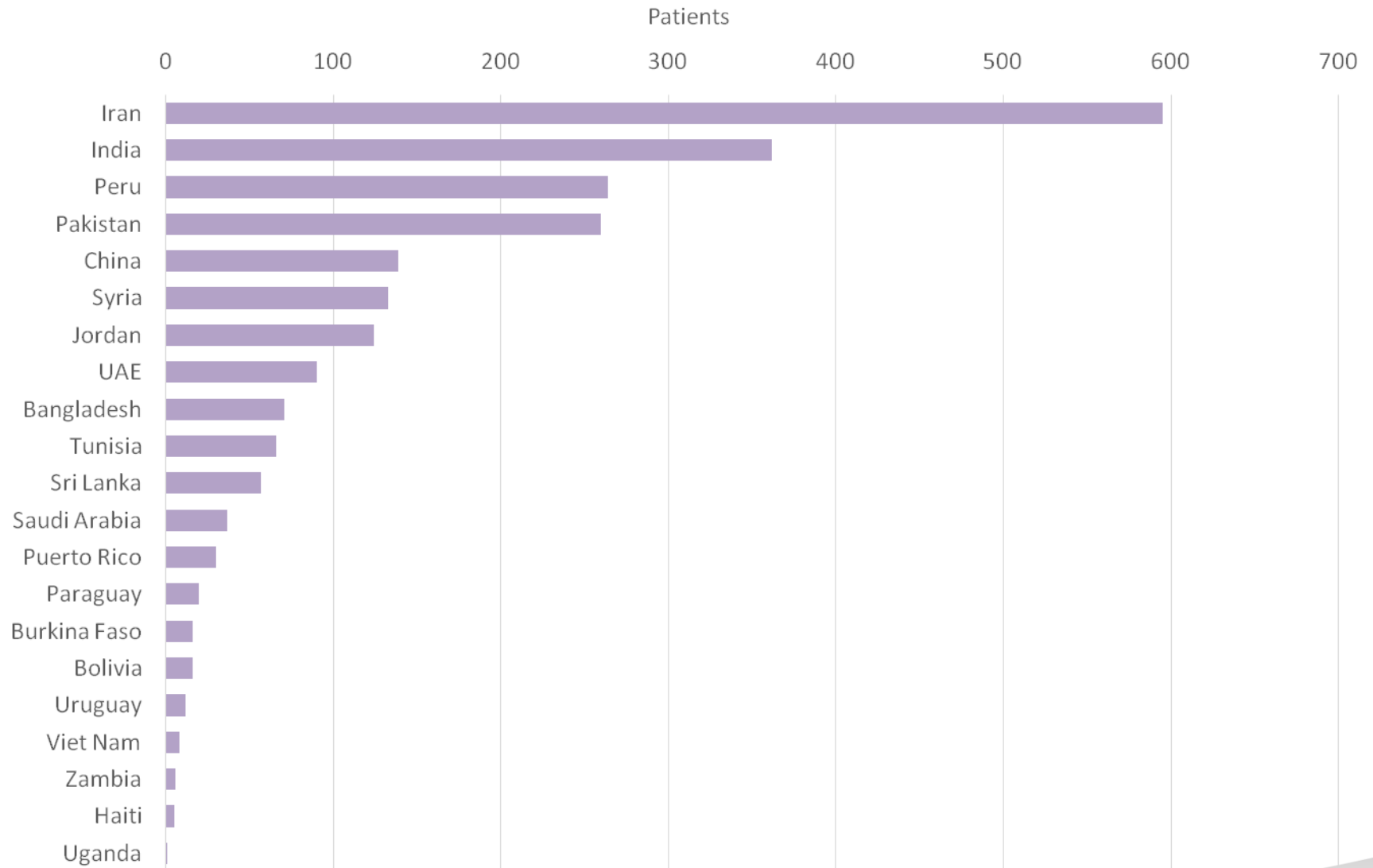
No. of Countries



Modes of Data Transmission



National Pediatric RRT Registries Created via Online Portal



Number of patients and coverage

Number of patients included in the Registry on the 31st of December 2018. All coverage percentages are estimates given by the national representatives of the country. When data collection is ongoing, it is impossible to provide a correct estimate of the current percentage of children covered.

Country	Patients	Coverage
	Number	%
ASIA		
Bangladesh	68	Unknown
China ³	561	100
Indonesia ^{2,4}	220	<100
India	353	60
Iran, Islamic Rep.	589	Unknown
Japan	376	100
Jordan	124	Unknown
Korea, South	447	Unknown
Malaysia	676	81 - 95
Pakistan	246	Unknown
Saudi Arabia	36	Unknown
Sri Lanka	57	100
Syria	130	100
United Arab Emirates	87	100
Vietnam	7	Unknown

About the registry

Participating countries

Annual reports

Patient Registry

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Center: Tehran, Aliasghar Clinical Research Development Center, Iran University of Medical Sciences

Patient Basic Data

Patient-ID

New patient - will be generated after saving

IMPORTANT: Please don't forget to record the Patient-ID in your study documentation for future identification of this patient!

Month/Year of birth

 (MM/YYYY)

Sex

Primary renal disease
(ERA-EDTA 1995 definition)

Please enter disease name to search and select disease from results list (in english):

More information on ERA-EDTA codes here: https://www.era-edta-reg.org/files/annualreports/pdf/notes_for_users.pdf

Patient is resident of center country?

Save

Back to patient registry

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- Privacy policy

Center: Tehran, Aliasghar Clinical Research Development Center, Iran University of Medical Sciences

Patient: IR-001-0004, *06/2012, male

Event

Latest event: 25/05/2017 - Continuous Ambulatory Peritoneal Dialysis (CAPD)

Date of event (DD/MM/YYYY)

Type of event / treatment

Save

Dialysis

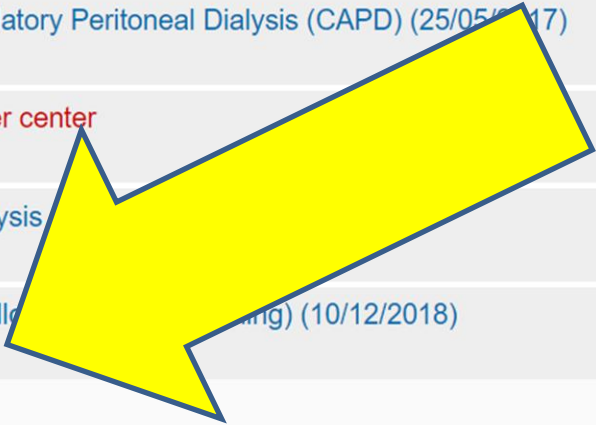
- Home haemodialysis
- Centre haemodialysis
- Haemofiltration
- Haemodiafiltration
- Haemodialysis, type unknown
- Continuous Ambulatory Peritoneal Dialysis (CAPD)
- Intermittent Ambulatory Peritoneal Dialysis
- Continuous Automated Peritoneal Dialysis (APD)
- Intermittent Automated Peritoneal Dialysis (APD)
- Peritoneal Dialysis, type unknown
- Unknown dialysis

Transplantation

- Transplantation, living donor
- Transplantation, living related donor
- Transplantation, living unrelated donor
- Transplantation, cadaveric donor
- Transplantation, donor type unknown
- Transplantation follow-up (still functioning)

[back to patient registry](#)

IR-001-0002 Old ID: AAG	* 04/2014, male	Terminated: Death	▼
IR-001-0003 Old ID: AAT	* 12/2009, male	Terminated: Death	▼
IR-001-0004 Old ID: AC	* 06/2012, male	Latest event: Continuous Ambulatory Peritoneal Dialysis (CAPD) (25/05/2017)	▼
IR-001-0005 Old ID: AH	* 02/2000, male	Terminated: Transfer out to other center	▼
IR-001-0006 Old ID: AHN	* 09/2005, male	Latest event: Centre haemodialysis	▼
IR-001-0007 Old ID: ARK	* 10/2007, male	Latest event: Transplantation follow-up (still functioning) (10/12/2018)	▲



Basic Data

Events: [Add new event](#)

18/03/2008: Continuous Ambulatory Peritoneal Dialysis (CAPD)

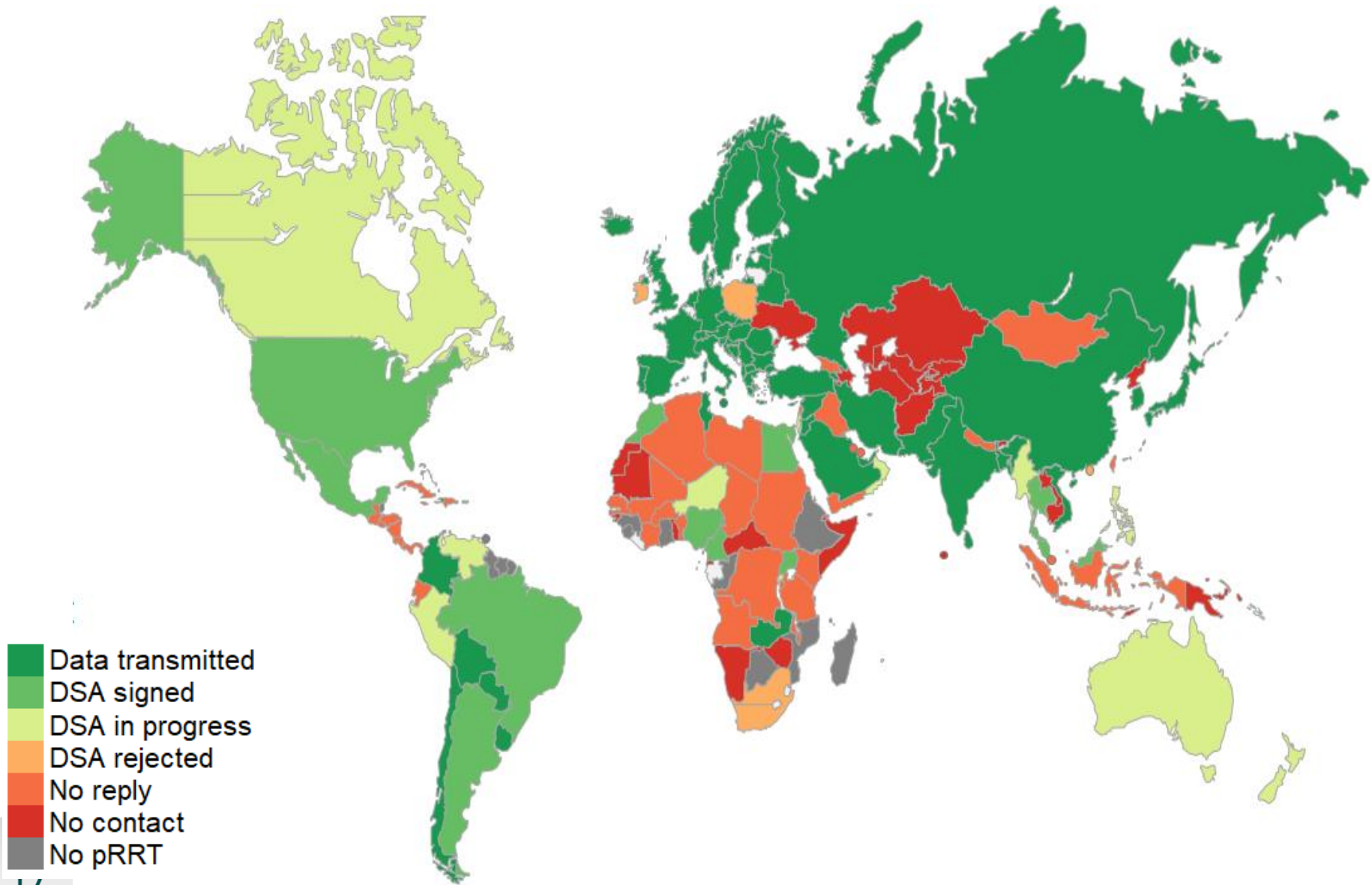
22/05/2018: Transplantation, cadaveric donor

10/12/2018: Transplantation follow-up (still functioning)

IR-001-0008 Old ID: ARM	* 09/2011, male	Latest event: Continuous Ambulatory Peritoneal Dialysis (CAPD) (20/12/2014)	▼
IR-001-0009 Old ID: ART	* 08/2000, male	Terminated: Death	▼
IR-001-0010 Old ID: AS	* 01/2008, female	Latest event: Continuous Ambulatory Peritoneal Dialysis (CAPD) (28/11/2016)	▼
IR-001-0011 Old ID: ASM	* 08/2014, male	Latest event: Transplantation, cadaveric donor (01/05/2019)	▼

Activate Windows

Current IPNA Registry Status



Prevalence of RRT by age



Asia ¹

<https://ipna-registry.org/index.php?id=reports>

Country	Total RRT				Age groups			
	0-14 yr		0-19 yr		0-4 yr	5-9 yr	10-14 yr	15-19 yr
	N	pmarp	N	pmarp	pmarp	pmarp	pmarp	pmarp
Bangladesh	18	0.4	36	0.6	-	0.3	0.9	1.1
India	138	0.4	245	0.5	0.1	0.5	0.7	0.5
Iran	248	12.7	370	15.0	4.7	9.7	25.2	23.2
Japan	177	10.9	274	12.5	5.4	15.8	11.3	16.8
Jordan	94	27.0	113	25.4	6.5	24.6	53.4	19.5
Korea, South	83	12.0	164	16.9	2.2	11.5	22.0	29.0
Malaysia	160	20.8	297	28.4	1.1	15.5	46.8	50.0
Pakistan	176	2.5	245	2.8	0.1	2.0	6.1	3.6
Saudi Arabia	30	3.6	30	2.8	0.7	2.9	7.9	-
Sri Lanka	11	2.1	26	3.9	-	3.5	2.8	9.0
Syria	77	11.8	89	10.2	0.5	9.7	22.6	5.4
Turkmenistan	0	-	0	-	-	-	-	-
United Arab Emirates	73	55.1	81	46.8	44.3	63.6	57.1	19.7
Vietnam	5	0.2	7	0.2	0.3	0.3	0.1	0.3

Prevalence of RRT by modality



Asia ¹

<https://ipna-registry.org/index.php?id=reports>

Country	Total RRT		Modalities	
	ALL	HD	PD	TX
	pmarp	pmarp	pmarp	pmarp
Bangladesh	0.4	0.3	0.1	-
China	2.0	1.0	0.6	0.4
India	0.4	0.2	0.1	0.1
Iran	12.7	3.5	2.6	6.7
Japan	10.9	0.3	7.0	3.6
Jordan	27.0	14.1	10.3	2.6
Korea, South	12.0	1.0	3.0	8.0
Malaysia	20.8	7.5	12.2	1.0
Pakistan	2.5	2.5	0.1	-
Saudi Arabia	3.6	1.4	1.8	0.4
Sri Lanka	2.1	-	-	2.2
Syria	11.8	9.0	-	2.8
Turkmenistan	-	-	-	-
United Arab Emirates	55.1	24.9	13.6	16.6
Vietnam	0.2	0.1	0.1	-

Registry Output

Annual Reports

RRT incidence and prevalence, modality choices, technique and patient survival rates; breakdown by countries and regions

Published on website

Country Reports

Detailed **demographic and benchmarking** figures
- country vs. regional and global level

Provided to national registry representatives and approved centers

Scientific Publications

Annual Reports



IPNA Global Registry for Kidney Replacement Therap in Children

Annual Report 2017

IPNA Global RRT Registry



For more information, please visit the IPNA Global RRT Registry website at: <http://www.ipna-online.org/>

Introduction

While chronic renal replacement therapy (RRT) is the standard of care for children with end-stage kidney disease in well developed countries, dialysis and transplantation can be offered only to some children or not at all in other parts of the world. Apart from the differences in prevalence and incidence rates, the management of these children varies significantly between countries.

Data collection

Each existing national or international registry around the globe has been invited to submit data to the IPNA Global RRT Registry. In addition, direct data submission is made possible for countries without existing registries provided that complete population coverage is obtained.



IPNA Global Registry for Kidney Replacement Therapy in Children

Annual Report 2018

IPNA Global RRT Registry



Introduction

As part of its mission to improve care for children with kidney disease worldwide, IPNA has established a population-based global registry for pediatric kidney replacement therapy.

We are delighted to present the 2nd Annual Registry Report, which provides demographic information on children treated with dialysis or transplantation in 57 countries. The IPNA registry has reached a coverage of 55% of the world childhood population.

A website for direct online data entry has been introduced in 2018 (<http://ipna-registry.org/>), which is currently used by 27 countries without established national registries.

In addition to providing prevalence figures on individual RRT modalities, the 2018 report contains information about the distribution of primary renal diseases per country.

We hope that this Report will be perceived informative and useful to readers in the pediatric nephrology community and beyond.

The IPNA Registry team



Data collection

Each national or international registry around the globe has been invited to submit data to the IPNA Global RRT Registry. In addition, direct data submission is made possible for countries without existing registries.

The core dataset requested contains a small set of patient level data: age, sex, primary renal disease, date- and modality of RRT, date- and cause of death. This second annual report is based on the data collected in 2018. It describes country specific RRT prevalence and modality choices.

Future reports will also include incidence rates and detailed demographic and benchmarking figures to compare country specific pediatric RRT characteristics on a regional and global level. In this report, most countries submitted data about 2018. However, the USRDS and ESPN-ERA /EDTA datasets include data until 2016.

This year we have launched an online data platform to facilitate data collection, but we continue to accept data in Excel, SAS and SPSS file format.

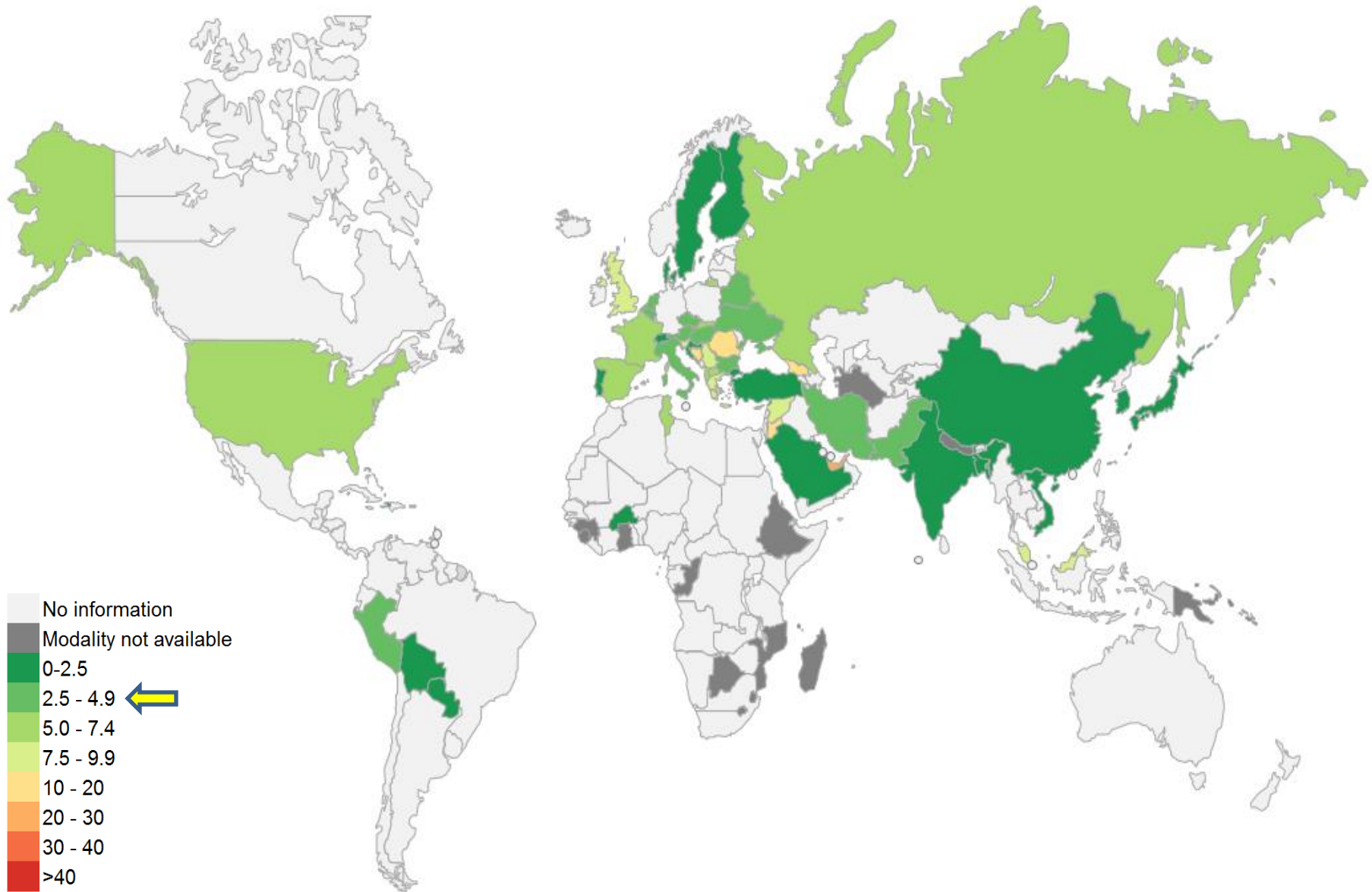
For more information on the IPNA Global RRT Registry, please contact the registry coordinator at ipna-registry@amc.nl

Objectives

1. To empower clinical and translational research through information on disease demographics and comorbidities in children with end-stage kidney disease
2. To provide information on renal replacement therapy practices and outcomes in the context of socioeconomic conditions in children around the globe
3. To facilitate interventional trials in children undergoing dialysis and kidney transplantation

IPNA Global RRT Registry Annual Report 2018

Hemodialysis Prevalence



Tabriz, Iran 19-22 November 2019

Prevalence of Hemodialysis

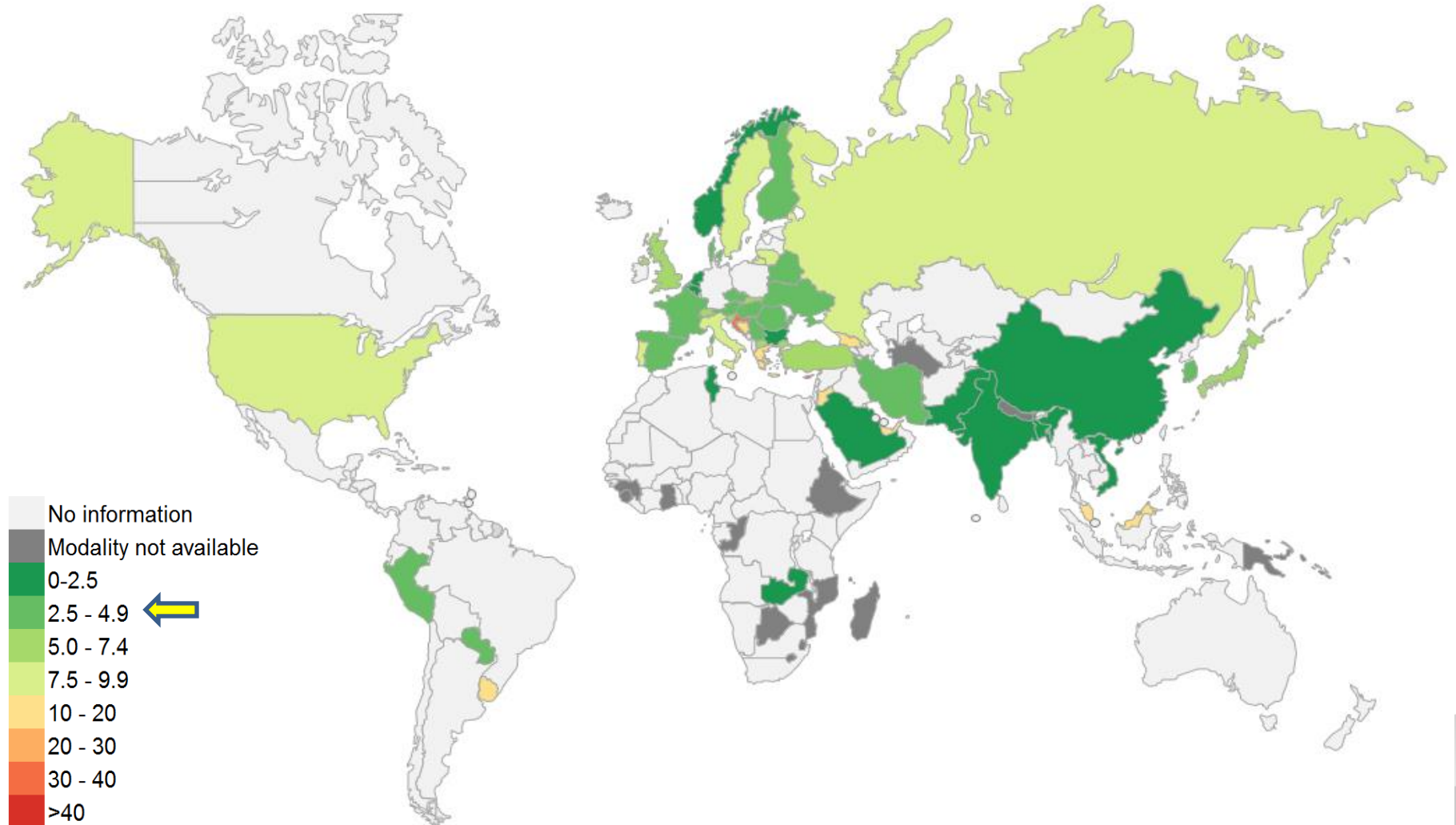


Asia ¹

<https://ipna-registry.org/index.php?id=reports>

Country	Total HD				Age groups			
	0-14 yr		0-19 yr		0-4 yr	5-9 yr	10-14 yr	15-19 yr
	N	pmarp	N	pmarp	pmarp	pmarp	pmarp	pmarp
Bangladesh	13	0.3	24	0.4	-	0.1	0.8	0.7
China	248	1.0	353	1.1	0.2	0.9	1.9	1.4
India	59	0.2	82	0.2	0.1	0.2	0.3	0.2
Iran	68	3.5	97	3.9	0.5	2.8	7.7	5.5
Japan	5	0.3	12	0.5	0.2	0.6	0.2	1.2
Jordan	49	14.1	67	15.0	2.4	6.8	35.6	18.5
Korea, South	7	1.0	16	1.7	-	1.3	1.7	3.2
Malaysia	58	7.5	110	10.5	-	5.2	17.9	19.0
Pakistan	173	2.5	242	2.7	2.0	6.1	3.6	2.5
Saudi Arabia	12	1.4	12	1.1	-	1.1	3.8	-
Sri Lanka	0	-	0	-	-	-	-	-
Syria	59	9.0	69	7.9	0.5	7.5	17.2	4.5
Turkmenistan	0	-	0	-	-	-	-	-
United Arab Emirates	33	24.9	35	20.2	17.7	38.2	17.4	4.9
Vietnam	3	0.1	3	0.1	0.1	0.3	-	-

PD Prevalence



Prevalence of Peritoneal Dialysis

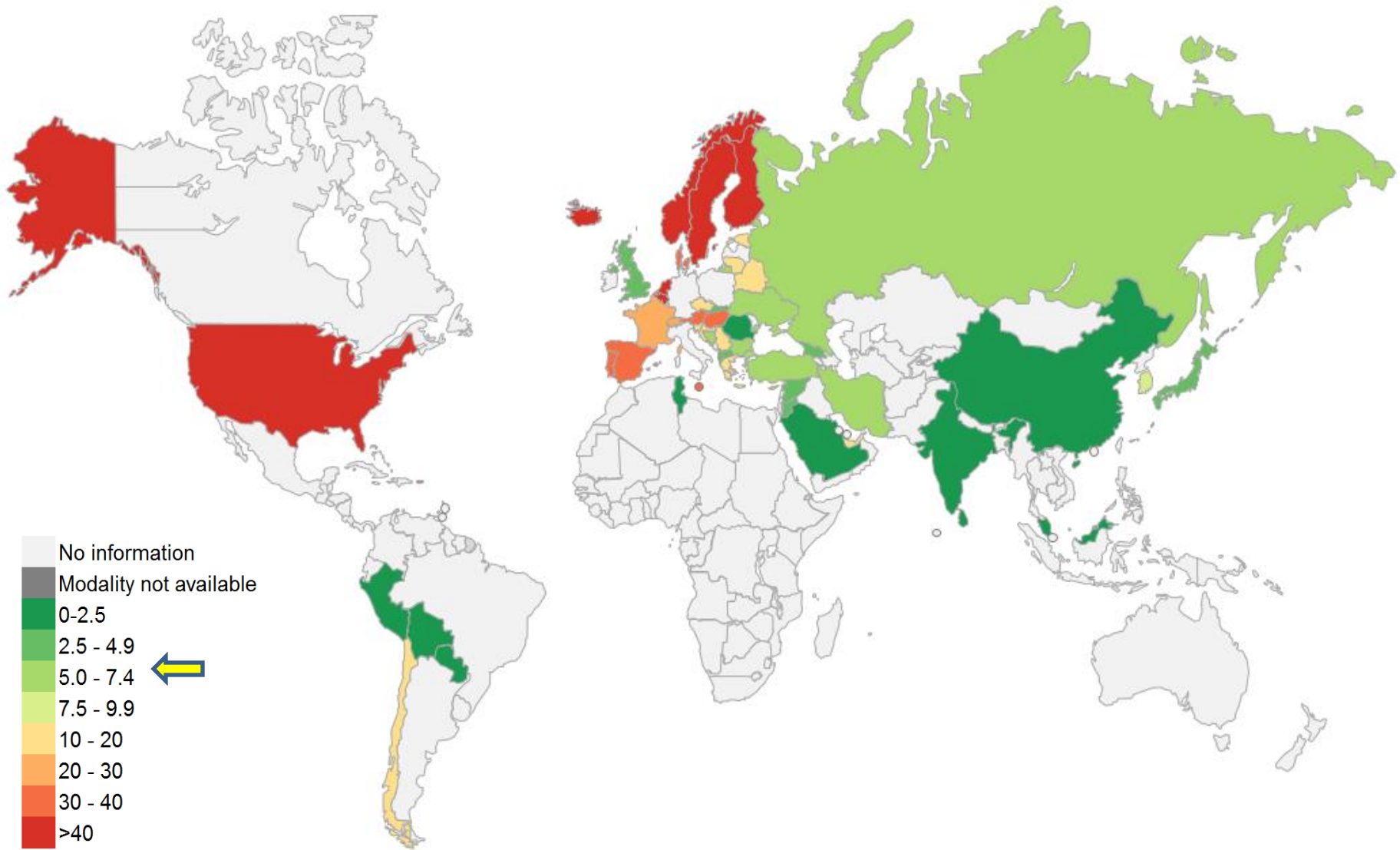


Asia ¹

<https://ipna-registry.org/index.php?id=reports>

Country	Total PD				Age groups			
	0-14 yr		0-19 yr		0-4 yr	5-9 yr	10-14 yr	15-19 yr
	N	pmarp	N	pmarp	pmarp	pmarp	pmarp	Pmarp
Bangladesh	4	0.1	4	0.1	-	0.2	0.1	-
China	136	0.6	192	0.6	0.1	0.5	1.0	0.7
India	55	0.1	62	0.1	0.1	0.2	0.2	0.1
Iran	50	2.6	58	2.4	3.5	2.1	2.2	1.5
Japan	113	7.0	152	6.9	5.0	11.6	4.3	6.8
Jordan	36	10.3	37	8.3	3.2	15.3	13.1	1.0
Korea, South	21	3.0	47	4.8	2.2	3.5	3.4	9.3
Malaysia	94	12.2	163	15.6	1.1	10.3	25.8	25.2
Pakistan	3	0.1	3	0.1	0.1	-	-	-
Saudi Arabia	15	1.8	15	1.4	0.7	1.4	3.6	-
Sri Lanka	0	-	0	-	-	-	-	-
Syria	0	-	0	-	-	-	-	-
Turkmenistan	0	-	0	-	-	-	-	-
United Arab Emirates	18	13.6	22	12.7	24.4	8.5	7.4	9.9
Viet Nam	1	0.1	1	0.1	0.1	-	-	-

Transplantation Prevalence



Prevalence of Transplantation

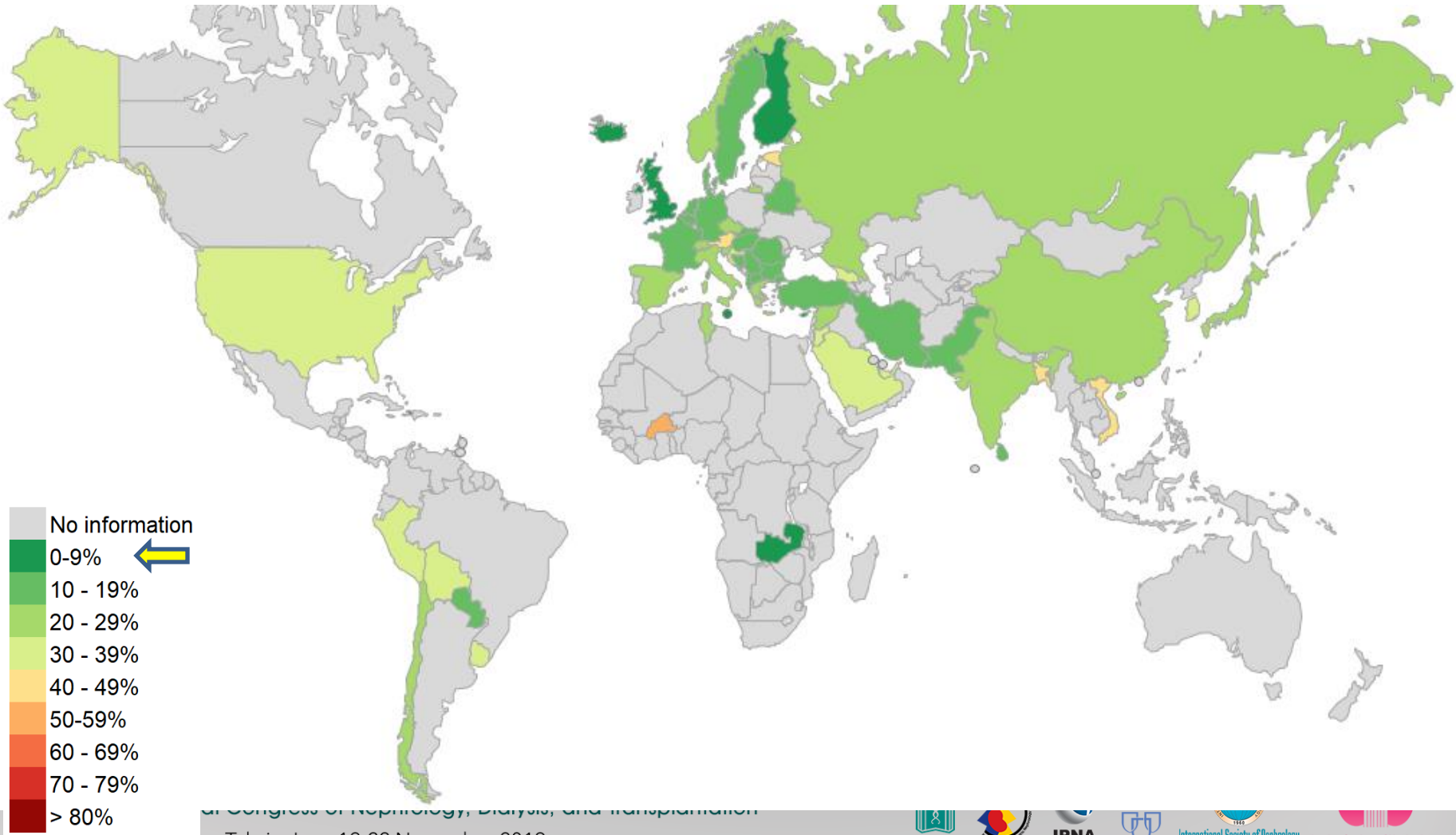


<https://ipna-registry.org/index.php?id=reports>

Asia ¹

Country	Total TX				Age groups			
	0-14 yr		0-19 yr		0-4 yr	5-9 yr	10-14 yr	15-19 yr
	N	pmarp	N	pmarp	pmarp	pmarp	pmarp	Pmarp
Bangladesh	1	-	8	0.1	-	-	0.1	0.4
China	94	0.4	136	0.4	0.1	0.3	0.7	0.5
India	45	0.1	101	0.2	-	0.1	0.3	0.4
Iran	130	6.7	215	8.7	0.8	4.8	15.4	16.2
Japan	59	3.6	110	5.0	0.2	3.7	6.8	8.8
Jordan	9	2.6	9	2.0	0.8	2.5	4.7	-
Korea, South	55	8.0	101	10.4	-	6.6	16.9	16.5
Malaysia	8	1.0	24	2.3	-	-	3.2	5.8
Saudi Arabia	3	0.4	3	0.3	-	0.4	0.8	-
Sri Lanka	11	2.2	26	3.8	-	3.5	2.8	9.0
Syria	18	2.8	20	2.3	-	2.2	5.5	0.9
Turkmenistan	0	-	0	-	-	-	-	-
United Arab Emirates	22	16.6	24	13.9	2.2	16.9	32.3	4.9
Vietnam	1	-	3	0.1	-	-	0.1	0.3

Glomerular Disease Leading to RRT



Primary Renal Diseases in prevalent patients on 31 December 2018 (%)						
	Glom. Disease	Tub. Disease	Systemic disease	Familial disease	Misc.	Unknown
AFRICA						
Burkina Faso	56.3	6.25	-	-	-	37.5
Tunisia	23.5	52.9	2.9	14.7	-	5.9
Zambia	-	33.3	-	-	-	66.7
ASIA						
Bangladesh	42.5	40.0	2.5	10.0	-	5.0
China	29.6	19.1	2.6	9.6	1.7	37.5
Indonesia ¹	49.5	26.4	1.1	3.3	3.3	16.5
India	25.2	51.2	4.3	7.1	2.2	10.1
Iran Islamic Rep.	18.2	36.7	3.3	25.3	0.7	15.8
Japan	23.1	37.2	1.1	29.2	5.3	4.2
Jordan	34.2	46.2	0.9	16.2	-	2.6
Korea, South	34.1	28.2	2.0	16.1	2.4	17.3
Malaysia	42.4	21.9	8.1	5.4	0.3	21.9
Pakistan	18.3	30.9	2.9	23.2	1.6	23.2
Saudi Arabia	30.0	23.3	3.3	20.0	-	23.3
Sri Lanka	10.9	78.3	2.2	4.4	4.4	-
Syria	26.1	43.5	4.4	13.0	4.4	8.7
United Arab Emirates	35.4	39.0	2.4	19.5	2.4	1.2
Vietnam	42.9	57.1	-	-	-	-

<https://ipna-registry.org/index.php?id=reports>

Epidemiological Research Fellowships with IPNA Registry

First research collaboration:

Diane Liu, Epidemiology Master Student (US)

From 2021:

IPNA clinical epidemiology fellowships with IPNA Registry

IPNA Registry Office

Registry Office moving from Amsterdam to Heidelberg
Thank you Sophie & AMC Team!

New Registry Coordinator: Dagmara Borzych-Duzalka

Data Transfer Agreements to be rewritten

New contact email address: **contact@ipna-registry.org**

Thank You!

Armenia	A. Sarkissian	Japan	K. Ishikura
Bangladesh	S. Haque	Malaysia	A. Ghazali
Belarus	S. Baiko		Y.N. Lim
	A. Sukalo		Y.C. Yap
Burkina Faso	G. Coulibaly	Pakistan	S. Hashmi
China	Y. Zhai	Panama	M. Renovales
	Q. Shen	Paraguay	M.M. Pico
Colombia	O. Hernandez	Peru	R. Loza
Congo, Rep	J. Poathy	Sri Lanka	U. I. Karunadasa
Ethiopia	M. Amdemariam		A. Abeyaguna-wardena
Ghana	S. Antwi		R. S. Thalghagoda
Guinea	M.L. Kaba	Syria	B. Saeed
	M.P. Diallo		H. Wannous
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	U. Ali	Tunisia	S. Mabrouk
	J. Sharma	United Arab	E. Simkova,
Indonesia	E.L. Hidayati	Emirates	L. Eid
	H.A. Puspitasari		G. Kumar
Iran	N. Hooman	Zambia	C. Mwaba

ESPN/ERA-EDTA Registry

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International Society for Nephrology

17th International Congress of Nephrology, Dialysis, and Transplantation

Tabriz, Iran 19-22 November 2019



International Society of Nephrology



Iranian Society of Nephrology

Thanks for Your Attention



17th International Congress of Nephrology, Dialysis, and Transplantation

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International Society of Nephrology



Iranian Society of Nephrology