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Our Vision & Mission

Giving Life & Hope

through

affordable, sustainable & quality renal care

and

education & prevention of kidney disease

in

partnership with the community

Our Core Values



Over 7,000 patients are on dialysis in Singapore

Chair nan's essage

I would like to express my utmost gratitude for your strong support, kindness and compassion for our kidney patients.

2019 has been an eventful and fruitful year as we commemorated 50 years of giving life & hope to our patients. As we look back, we are grateful to our founder, Professor Khoo Oon Teik, a wellknown nephrologist, for establishing NKF with the support of the community. Through his vision, NKF went about establishing a financially sustainable dialysis programme by building dialysis centres at the void decks of HDB blocks, which provided easy access and convenience to patients living in the heartlands. Since then, we have made further progress because caring friends like you had, and continue to journey with us to ensure that no kidney patient is denied access to dialysis due to an inability to afford it, and to help them and their families rebuild their lives for a better future.

While we have reached a significant milestone in our history, we need to ask ourselves what about the next 50 years? In tandem with the ageing population, more than half of our patients today are aged 60 years old and above. They are getting older, frailer and their needs continue to become more complex, compounded by multiple chronic conditions such as cardiovascular disease, diabetes, hypertension and obesity. Hence, there is a crucial need to continuously transform ourselves to better serve the needs of our patients.

Being the forerunner in providing community dialysis treatment, we have embarked on an integrated renal care model to support the evolving health and social needs of our patients. In this regard, we aim to right-site all our patients at a dialysis centre within 5km of their residence as part of our community integration efforts to actively engage the grassroots and volunteers to have greater interaction with our patients. We are happy to share that 91% of our patients are currently right-sited.

In view of the diverse needs of our patients, we continue to adopt a collaborative approach by working closely with government agencies, social agencies and restructured hospitals to provide seamless, integrated renal care. In this regard, our first dialysis centre co-located within a polyclinic started operations in Punggol. More than 200 kidney patients in the north-eastern region now have greater access to other medical facilities at subsidised rates. We are also looking at plans to set up dialysis facilities in community hospitals, within tertiary care hospital premises and community centres. This strategic move enables us to embed ourselves in the community as we provide integrated kidney care in the community.

Besides looking into infrastructural developments, it is also important to deliver good and sustainable care. Instead of a "one size fits all" approach, a more tailored care model through the availability of new treatment innovations is necessary to meet



As NKF crosses the 50-year mark in our ongoing journey, it is crucial to ensure that dialysis continues to be made available to kidney patients and providing them the best support and care possible, while doing more upstream in kidney disease prevention.

the multifarious needs of our patients. This will empower patients to choose the right modality and to make what they choose work well for them.

Hence, we have introduced another form of dialysis called haemodiafiltration (HDF) at our dialysis centres in Bedok and Serangoon. HDF is a process similar to the commonly known haemodialysis (HD). It removes small and bigger-sized toxins by drawing out large quantities of fluid from the blood, replacing it with clean fluid generated by the HDF machine. Recent studies have shown that HDF can reduce cardiovascular (heart disease) mortality, has better stability of blood pressure during dialysis and reduces some of the long-term dialysis related complications like joint pain and nerve compression at the wrist.

While NKF is committed to helping Singaporeans with kidney failure in all ways possible, we will continue to play a key role in raising awareness of kidney health upstream and supporting kidney transplantation. But, we cannot do it alone. We will continue to forge partnerships with the social service sector, the government, healthcare agencies and the community.

I wish to thank you for all your firm commitment, sterling support and encouragement during the first 50 years, and we look forward to your continued support in the coming years.

Yours sincerely

Quinney

Koh Poh Tiong Chairman

by degree uring pint as alth nament,

Every 5 hours, there is 1 new case of kidney failure

C E Consessage

Thank you for your steadfast support for NKF. Our work over the past 50 years would not have been possible without the care and compassion of people like you. While we have accomplished much, we need to be aware of the challenges that lie ahead and what we can improve upon or do differently.

Kidney failure continues to rise in Singapore with diabetes being the number one cause, accounting for 67% of new cases. More than half who have diabetes are unaware of their condition.

The burden of this disease carries significant financial impact as it is a long-term one, not to mention the high cost involved. To treat a patient with kidney failure costs \$25,000 a year. Providing all of NKF's 4,500 patients with holistic support and treatment care had incurred \$105 million, which was an 11 per cent increase from the last FY.

While NKF's mission is to provide affordable and sustainable dialysis for all who are in need for it, we recognise the urgent need to stem the incidence of kidney failure. The solution lies in education and prevention. However, tackling kidney failure and its leading causes like diabetes and hypertension in Singapore's ethnically diverse population is challenging due to the different lifestyles, cultures and social circles amongst different races.

Getting people to change their eating habits and behaviour is never easy as they are typically very comfortable with what they are used to doing. We need to break the cycle and get them to look into the issue and not to take their kidneys lightly.

Prevention starts from young. When you reach out to the young, you are indirectly reaching out to their parents and grandparents too. It is also crucial that healthy and active lifestyle habits are anchored in a child's formative years before it is too late to prevent theses chronic diseases in adulthood. By promoting good eating habits and an active lifestyle, these young 'change-makers' would be able to proactively nudge their peers and family members towards a long-lasting healthier lifestyle in a casual setting and ultimately keep kidney disease and kidney failure at bay.

To step up our efforts, we launched our second mobile bus, K-MOVEAT, to drive home the message of kidney health. It enables us to move around Singapore to reach out to the community, particularly secondary school students and members of the public. The unique feature of the bus is leveraging on Augmented Reality (AR) technology for a 3-dimensional learning experience. Using a smartphone or tablet, users can explore the kidney's anatomy and discover the facts about exercise and nutrition through AR games and content.



While we bring renewed hope to kidney patients, we want to open the eyes of people from all walks of life, young and old, to the dangers of a sedentary lifestyle and how unhealthy dietary choices may increase the risks of developing kidney failure and other chronic diseases.

Our suite of public education programmes are specially developed to make sure they cater to a wide spectrum of audience from the community, schools, corporates and even religious organisations. We also reach out to high-risk groups such as family members of kidney patients, the Malay/Muslim community and individuals who suffer from diabetes and hypertension, and to address risk factors such as unhealthy dietary habits and sedentary lifestyles.

I am happy to share that through our continuous public outreach efforts, more than 150,000 people learned about kidney health and were imbued with a greater awareness of kidney disease prevention. We want them to start monitoring their health and be committed to making small changes in their daily lives such as cutting back on sugary drinks, lowering salt intake, drinking more water, exercising more and going for kidney screenings.

To carry out our work effectively on multiple fronts, we need to start from within by building an engaging and vibrant workplace, as well as deepening our staff development and empowerment while providing opportunities to learn, grow and excel. Employee engagement drives up performance and productivity. This has resulted in our focus on progressive ideas such as the digitalisation of care at our dialysis centres which translates to nurses having more time for patients and better patient health outcomes.

Together, let us continue to build a healthier, happier and more resilient society.

Yours sincerely

Tim Oei

Chief Executive Officer

Giving Life & Hope Because of You

Engaging and Empowering People

150,000 people learned about kidney health and were imbued with a greater awareness of kidney disease prevention



50,900 students and educators benefitted from kidney health education

and activities

85,300 people participated in our kidney talks, events and roadshows through our outreach to the general public

5,800 working adults

reached through Kidneys @ Work workshops and awareness booths



300 patients' family members

screened for early detection of kidney diseases



7,700 people

in the Malay/Muslim community, a high-risk group for kidney failure, benefitted from kidney disease education and prevention



10,900 people

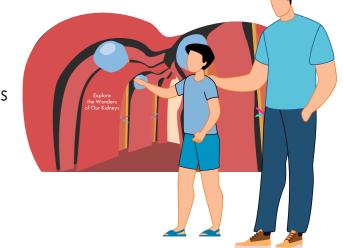
learned more about kidney functions and the leading causes of kidney failure at our Kidney Health Education Bus and

overall, 46,500 since 2014



discovered the wonders of the kidneys through the Kidney Discovery Centre

and overall, 52,000 visitors since 2011



Kidney failure is irreversible

Journeying with Pre-Dialysis Patients

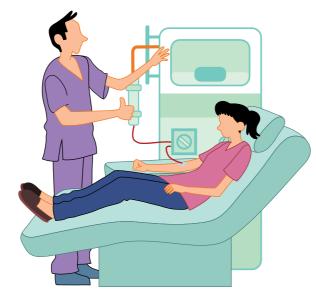


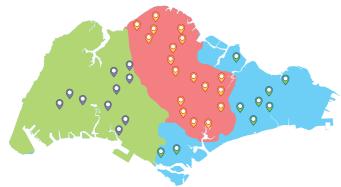
101 patients and family members

benefitted from Know Right, Start Right programme to help them better understand the different treatment options and community support available

Caring for Patients

4,567 needy patients served





37 dialysis centres islandwide (as at Sep 2019)

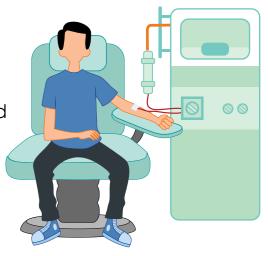
91% patients right-sited

and receive dialysis within 5km of their residence



\$105 million

cost of providing dialysis, medication and auxiliary services for kidney patients





1,925 home visits

to support patients on PD



70% patients

pay only \$50 and below of which more than half are paying \$0



94% patient survival rate

in the first year

"I was new to peritoneal dialysis and was afraid. I receive a lot of encouragement and support from friends in the support group and now I can cope better."

> Mr Wan Fong How, who benefitted from the PD Support Group

"Through the eye programme, I found out from the doctor I had bilateral cataracts. I went for surgery and now my eyesight is better."

> Mr Jamal Jantan, who benefitted from the eye screening services

2 in 3 kidney failure cases are due to diabetes

Education & Prevention

150,000 people learned about kidney health and were imbued with a greater awareness of kidney disease prevention

Data shows that diabetes remains the number one cause of kidney failure which accounts for 67% of new cases, and more than half who have diabetes are unaware of their condition. Fortunately, diabetes can be prevented or controlled, if diagnosed and treated early. Hence, NKF firmly believes that the key to reduce and prevent kidney failure lies in education and prevention, especially from a young age. Ultimately, we hope every Singaporean lives a life that is free from medical treatment and dialysis.

GENERAL KIDNEY HEALTH PROGRAMME

50,900

students and educators benefitted from kidnev health education activities

Schools

We partner with schools to raise kidney health awareness among the students through activities such as assembly talks, health booths and roadshows. With the knowledge gained, many students conducted their own kidney talks and set up booths in their schools to help spread the cause of NKF.





"The assembly talk provided us with thorough information about kidney diseases and how we can prevent it. The health booth was both engaging and meaningful. Our students and parents had gained much knowledge from it."

Mr Shen Weixiong, Teacher Hong Wen School

85,300

people participated in our kidney talks, events and roadshows through our outreach to the general public

Community

We empower and partner with people from all walks of life in the community, working hand in hand towards the prevention of kidney failure. We aim to raise greater awareness of kidney failure, its leading causes and negative consequences, as well as share tips to slow down the progression of kidney diseases.



Date: 10 March 2019 Venue: NKF Centre

Participants: 800

Listen to Your Kidneys

Listen to Your Kidneys, held in conjunction with World Kidney Day, saw kidney experts share about the risks of getting kidney failure with members of the public and provided take-home tips to better kidney health. Participants also gained knowledge on healthy eating habits and benefitted from kidney screening and kidney workout.









Date: 24 & 25 August 2019

Venue: Our Tampines Hub

Guest-of-Honour: Mr Ong Ye Kung Minister for Education

Participants: 10,000

Sit-A-Thon

Participants learnt about the dangers of a sedentary lifestyle and how unhealthy dietary choices may increase the risks of developing kidney failure at this year's Sit-A-Thon. Members of the public participated in many meaningful games and activities that involved sitting on "seats" such as stationary bikes, bean bags and dialysis chairs. Kidney ambassadors, who are our very own patient volunteers, also sat down with participants to share about living with kidney failure. We also successfully entered the Singapore Book of Records for the most number of Sit-to-Stand repetitions performed by an individual in a minute, and the most number of repetitions accumulated by all participants in eight hours.







5,800 working adults reached through Kidneys @ Work workshops and awareness booths

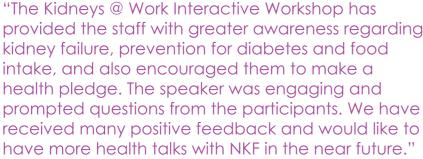
Corporates

Kidneys @ Work Workshops

Through our latest interactive Kidneys @ Work workshops, participants learned through a series of hands-on activities and games on the leading causes of kidney failure, debunked common kidney myths and discovered useful tips on how they can address certain lifestyle and eating habits that may lead to kidney diseases.

provided the staff with greater awareness regarding kidney failure, prevention for diabetes and food intake, and also encouraged them to make a health pledge. The speaker was engaging and prompted questions from the participants. We have received many positive feedback and would like to

Ms Farhanah Kamal Clubhouse Assistant Land Transport Authority Staff Club





NKF reached out to various high-risk groups such as patients' family members, individuals diagnosed with diabetes and hypertension and the Malay/Muslim community for early detection and intervention purposes. We conducted free kidney screenings and educated them on healthy eating and exercise. They are encouraged to seek treatment if they have abnormalities in their screening results.

patients' family members screened for early detection of kidney diseases



Patients' Family Members

Kidney Education and Screening

Family members of kidney patients are at higher risk of developing conditions such as diabetes, hypertension and kidney disease due to hereditary, diet and lifestyle factors. Among the barriers that prevent family members from going for health screening include self-denial, no time, costs, not knowing where to screen or fear of needles.



300 patients' family members were screened for the functions of their kidneys, diabetes and hypertension, which are the two leading causes of kidney failure. The screenings help to pick up early warning signs of kidney failure so that participants can take proactive preventive measures. They will be equipped with knowledge of healthy eating and ways of doing exercises so that they can take care of themselves.

"The kidney screening greatly helps me and my family to understand our health status. After receiving the results of the screening, I had a consultation with my doctor as my blood glucose levels were a bit on the high side. I am now more conscious of my health and am trying to work towards a healthier lifestyle before it is too late."

Madam Mardiana Ismail, who is pre-diabetic, pre-hypertensive and has high cholesterol, benefitted from the kidney screening for patients' family members



7,700 people in the Malay/ Muslim community benefitted from kidney disease education and prevention



Malay/Muslim Community

Collaborating with various Malay/Muslim Organisations

NKF collaborated with different organisations such as the Malay **Activity Executive Committees** (MAECs) that are set up at Community Clubs and Mosques to reach out to the Malay/Muslim community. Health talks, kidney screenings and outreach booths were organised. Kidney patients



also conduct sharing sessions. NKF reached out to 7,700 people in the Malay/Muslim community as part of this outreach initiative to encourage healthy eating and lifestyle habits.

"The participants gave positive feedback that NKF's kidney healthrelated programmes were useful and effective in helping them pay more attention to their diet, exercise and lifestyle. This is very encouraging and we hope to see more of these conducted at the mosques to benefit the Malay/Muslim community."

> Mr Abdul Hakim Adzhari Community Engagement Executive Darul Makmur Mosque



FUN LEARNING AT YOUR DOORSTEP

10,900

people learned more about kidney functions and the leading causes of kidney failure at our Kidney Health Education Bus and overall,

46,500 since 2014

K-FORCE

NKF's Kidney Health Education Bus, K-FORCE, is equipped with interactive exhibits to enhance exploration and play for Primary School students. Through exciting games and activities, students learn about

what the functions of their kidneys, treatment options for kidney failure and how they can lead a healthier lifestyle.



K-MOVEAT



To reach out to Secondary School students and the general public, NKF introduced its second Kidney Health Education Bus, K-MOVEAT. The activities on board K-MOVEAT are powered by augmented reality (AR) technology for a 3-dimensional learning experience. The bus is designed like a food truck and the NKF SG app brings the cafe-like

interior of the bus to life. Using a smartphone or tablet, users can explore the kidney's anatomy and discover facts about exercise and nutrition through AR games and content. In today's dynamic day and age, K-MOVEAT's AR content makes understanding kidney diseases and its preventive measures even more engaging.



Mr Ong Ye Kung, Minister for Education, launched K-MOVEAT on 24 August 2019







"Our students were given the opportunity to play with virtual food and sports by using game-based learning strategies during our Health Week. In this way, they gained knowledge about nutrition and kidney health in a fun and interactive environment."

Mr Lee Kok Leong, Subject Head for Physical Education, Bukit Batok Secondary School, the first school K-MOVEAT visited

EMBARK ON AN EXPERIENTIAL JOURNEY

9,200

visitors discovered the wonders of their kidneys through the Kidney Discovery Centre and

overall, 52,000 visitors since 2011

"The sessions and getting a real-life patient to talk to us about her experiences definitely valueadded to the learning journey!"

Mr Noel Jomon, Student Anderson Secondary School

Kidney Discovery Centre for a Multi-Sensory Journey

The Kidney Discovery Centre continues to attract, engage and elevate visitors' learning experience of kidney health through multi-sensory exhibits. Some of the new additions to the centre include the kidney

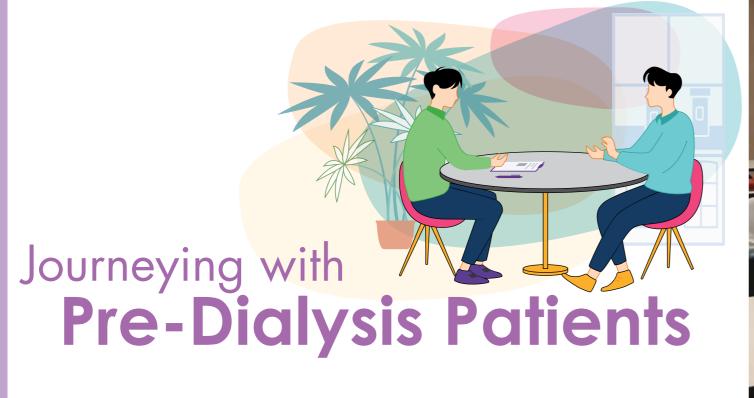
arcade that combines arcadestyle games with educational health messages and an animation video that allows visitors to glimpse into the human body and learn the difference between type 1 and type 2 diabetes.







6



When patients are first diagnosed with kidney failure, they are at a loss. They are unsure which treatment option to choose, how it will affect their full-time job and the impact it will have on their lifestyle. There is a considerable amount of information that they need to digest during the decision-making process. However, a decision on the right treatment option has to be made soon to avoid possible complications and negative consequences of delay in treatment.

patients and family members benefitted from Know Right, Start Right

Know Right, Start Right Programme

This early intervention programme aims to journey with patients and assists them in decision-making by helping them to gain a better understanding of different treatment options and community support programmes available for a smooth care transition in the community.

Data shows that many patients often are not able to make a decision on their treatment choice. Comorbidities, social influences, values and beliefs, limited health literacy, socio-demographics and the need for autonomy are some of the barriers that place patients at a crossroad and affect their decision-making ability. The delay in deciding on treatment has resulted in poor patient outcomes.

In collaboration with restructured hospitals which have renal units, the programme aims to equip patients with adequate knowledge of the disease, treatment process, dialysis management and address psychosocial anxiety as early as possible so that patients do not delay treatment. It involves monthly pre-dialysis talks at the hospital as well as home visits which are useful for patients who have mobility issues or prefer a more personal conversation. Peer support groups consisting of youth to elderly patients also meet monthly to interact and motivate each other. 101 patients and family members benefitted from the programme.



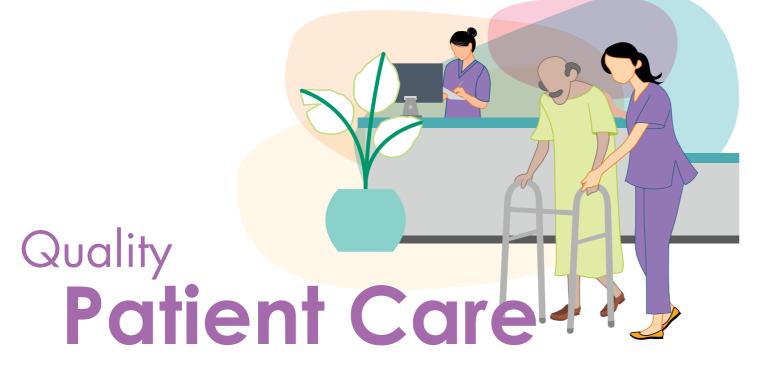




"Previously, I did not have a clear picture of which dialysis treatment option to choose and how it would fit into my full-time work. However, during the pre-dialysis talk, the NKF patient volunteer shared with me about homebased peritoneal dialysis treatment and how I can do it overnight while I sleep. He not only addressed my concerns but also mentally prepared me for the treatment. Because of this programme, I was able to see for myself how a PD catheter insertion looks like, and knowing that there are other patients and community services out there who can support me when I need help."

Mr Thomas Tan, 45, who chose peritoneal dialysis after his fears and apprehension were eased through Know Right, Start Right

Regular heavy drinking increases the risk of chronic kidney disease

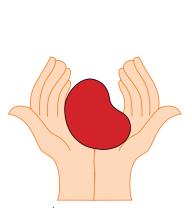


The total kidney patient and beneficiary population at **4,567** represented **197**, or a **5% increase** and the costs for dialysis, medication and auxiliary services amounted to **\$104.8 million**, an **11% increase**.

\$104.8 million

cost of providing dialysis, medication and auxiliary services for 4,567 kidney patients

NKF helps kidney patients through:



Kidney Live Donor Support Programme



Peritoneal dialysis at home



Haemodialysis at our 37 dialysis centres

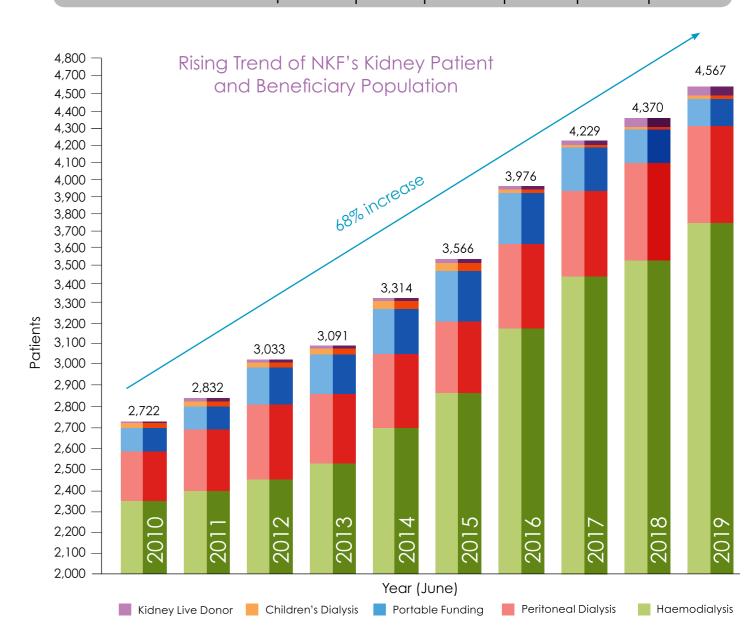


Portable funding for patients who dialyse at private dialysis centres



Children with kidney failure through the Children's Kidney Centre

Total Subsidies to Patients and Beneficiaries						
	Total Number of Patients and Beneficiaries		Programme Costs (\$'000)			
Programmes	As at 30 Jun 2019	As at 30 Jun 2018	Variance (%)	Year ended 30 Jun 2019	Year ended 30 Jun 2018	Variance (%)
Haemodialysis	3,755	3,572	5%	94,272	83,001	14%
Peritoneal Dialysis	577	546	6%	1,629	1,882	-13%
Portable Funding	172	203	-15%	1,934	2,858	-32%
Children's Dialysis (including funding to Children's Kidney Centre)	16	10	60%	1,131	1,189	-5%
Kidney Live Donor	47	39	21%	78	80	-3%
				99,044	89,010	11%
Patient Welfare				5,731	5,023	14%
Total	4,567	4,370	5%	104,775	94,033	11%



Kidney Transplant Kidney transplant is the best treatment option aside from

dialysis as the "transplanted kidney" can substitute almost fully the lost functions of the failed kidneys, and allow the patient to lead a normal life. There are 2 types of transplant donors - living and deceased. However, for deceased kidney transplant, the waiting is long and often futile. With medical advancements, patients can opt for a live kidney transplant which can cut the long waiting time.

Patient Survival Rate

No. of Years	Live Kidney Transplant (%)	Dialysis (%)
5	96.7	61.3
10	90.8	36.5

Source: Singapore Renal Registry 2016

Kidney Live Donor Support Fund

To boost the uptake of live kidney donation, NKF has a Kidney Live Donor Support Fund in which only the recipient is required to pass the means test instead of both recipient and donor. The fund covers:

- Annual health screenings and medical follow-ups
- One-time reimbursement for loss of 2 months actual income of \$8,500, whichever is lower
- Reimbursement of hospitalisation and surgical insurance premiums (capped at MediShield Life premiums)
- Pre-transplant screening and evaluation costs for up to 2 potential donors per kidney recipient
- Insurance coverage for Group Living Policy based on sum insured of \$200,000

4/applicants have received support since the inception of the Fund



We can help dispel your fears and anxieties.

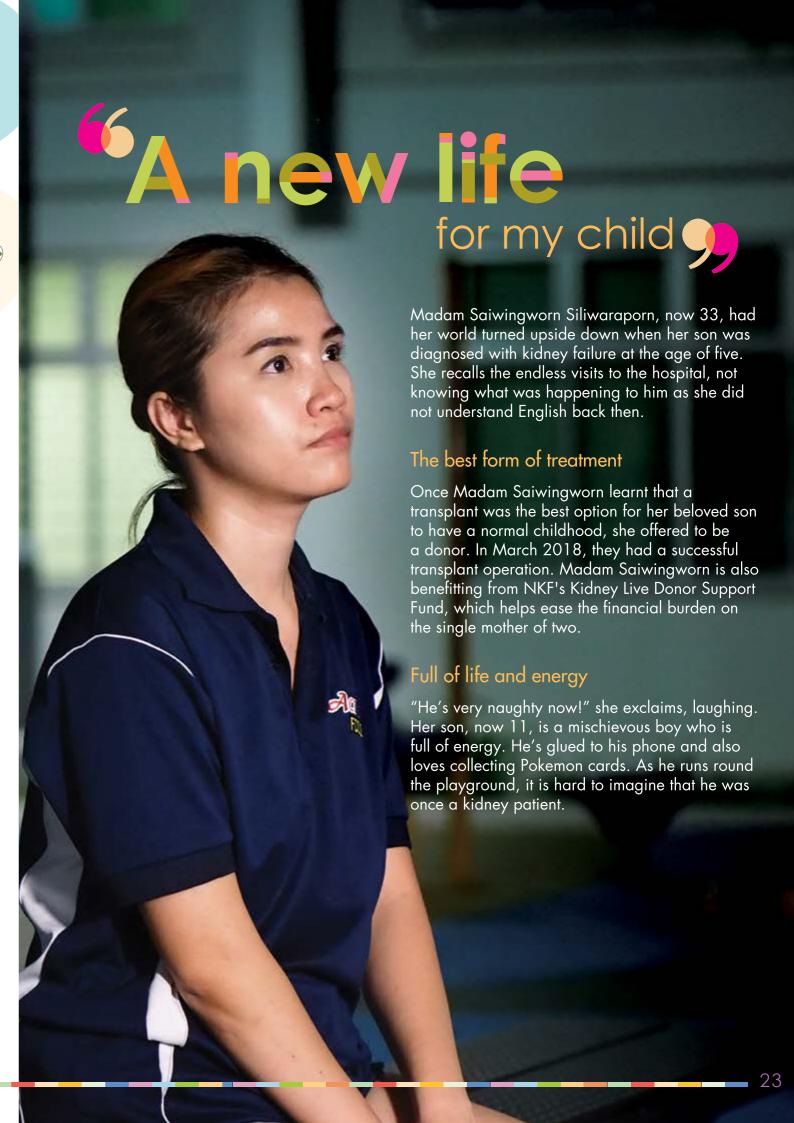


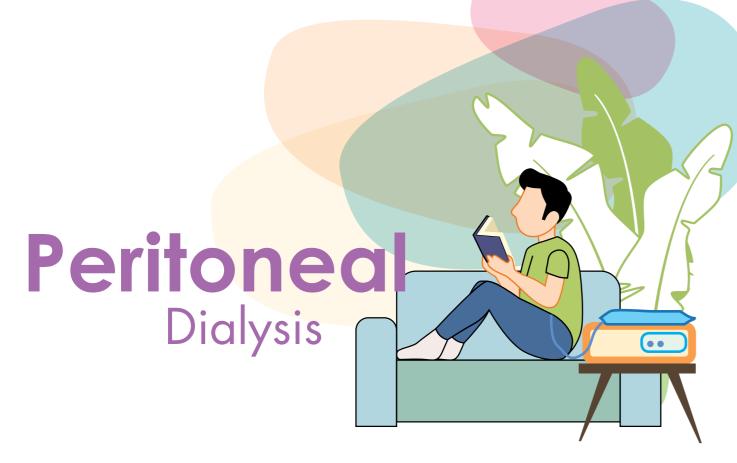
1800-KIDNEYS (5436397)



contact_us@nkfs.org







Comprehensive PD Community Support Programme

NKF's PD Community Support Programme continues to provide home-based holistic support to help PD patients manage their treatment well at home. Nurses make regular home visits to help patients prepare and adapt to PD, ensure a PD-safe environment as well as provide continuous support whenever they have issues coping with PD at home.

1,925

home visits to support patients on PD





Helping Beneficiaries on Peritoneal Dialysis

The number of beneficiaries was 577. We spent \$1.63 million to support peritoneal dialysis patients in their treatment and rehabilitation.

PD Care Group

PD patients come together twice monthly to discuss challenges and caregiver burdens as well as support and encourage one another. It also gives us the opportunity to understand their needs and serve them better. Recreational outings are also organised for social bonding and integration. To encourage new patients who are undecided about starting PD, members of the group produced a booklet with the tagline "For patients, by patients". The booklet also provides many practical tips and advice on how to cope with life on PD such as diet, travel and financial assistance.

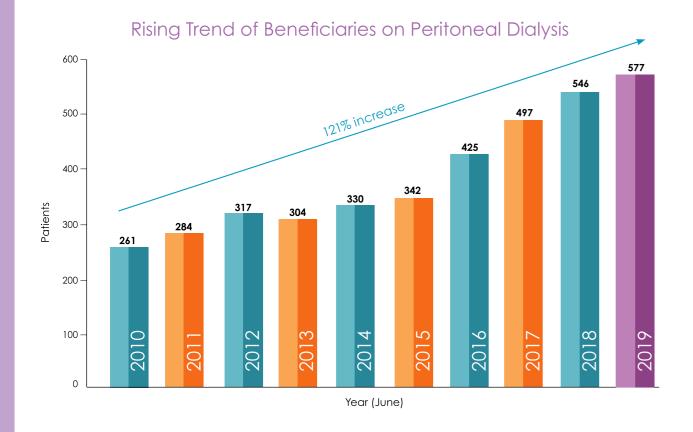
\$1.63 million provided for home care

and subsidies

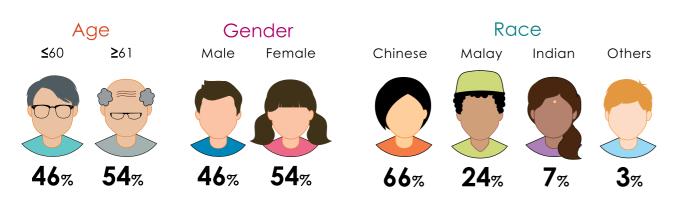
577 total number of beneficiaries

patients benefitted from the PD care group





Profile of Beneficiaries on Peritoneal Dialysis





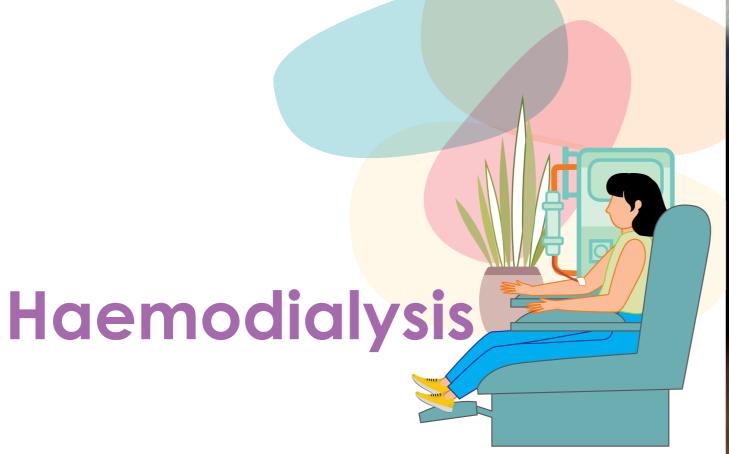
Madam Yong Mui Fah, 66, had been suffering from high blood pressure since her early 30s and 10 years ago, doctors warned her that she may end up with kidney failure. She eventually had to begin dialysis in 2019.

Her lifestyle and work not disrupted

Without any hesitation, she chose peritoneal dialysis (PD), which can be done conveniently at home, rather than travelling to a dialysis centre for thrice weekly treatment. She is relieved that her job of 30 years as a cashier remains unaffected as she is able to carry out the dialysis procedure on her own at night for 10 hours while she sleeps. With this flexibility, Madam Yong can also continue to help look after her husband who has dementia as well as be active as a grassroots leader in her constituency.

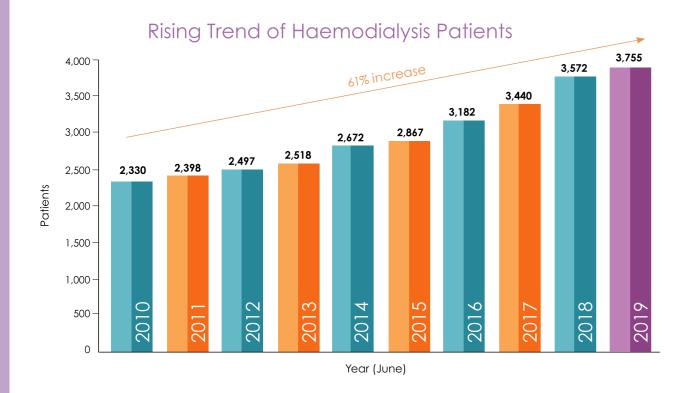
Continue to lead a fulfilling life

A PD nurse visits her regularly to check on her condition and ensures she is coping well. Madam Yong is part of NKF's PD Care Group where she attends recreational outings to bond with fellow patients, which she finds therapeutic. She said, "I'm happy with PD as there is no drastic change to my lifestyle and I'm able to continue doing the things that are meaningful to me."



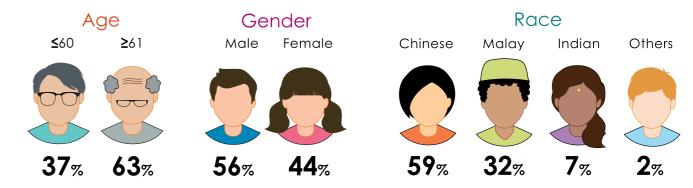
Caring for Haemodialysis Patients

We provide affordable quality in-centre dialysis to kidney patients at our 37 purpose-built dialysis centres located islandwide. Our patients undergo dialysis treatment three times a week, with each session lasting about four hours. They are cared for by 897 dedicated medical and allied health professionals, and support staff who provide them with quality treatment and care. A total of \$94 million was spent on treatment and all-round care for the financial year.





Profile of Haemodialysis Patients



37 Dialysis Centres with More in the Pipeline

Bukit Merah 37 dialysis centres (as at Sep 2019

802 total number of dialysis stations

4,812 patient capacity

\$2.39 million to upgrade and replace medical instruments and equipment

Our dialysis centre with expanded capacity

Lew Foundation-NKF Dialysis Centre (Clementi)

- Started operations in July 2019
- Refurbished and established with a generous \$2 million donation from Lew Foundation
- Expanded patient capacity by 50% to 30 dialysis stations serving up to 180 patients



Our new dialysis centre

NKF Dialysis Centre Supported by Ngiam Kia Hum & Family (Punggol)

- Started operations in September 2019
- Established with a generous donation from Mr Ngiam Kia Hum and his family, contributions from other generous donors and a government grant
- 35 dialysis stations serving up to 210 patients



Introduced Haemodiafiltration – An Alternative Form of Dialysis



In our pursuit of better patient outcomes, NKF has introduced another form of dialysis called haemodiafiltration (HDF) at our dialysis centres in Bedok and Serangoon in March 2019. For a start, only two HDF machines are being placed at these two centres.

HDF, a process similar to haemodialysis (HD), removes small and bigger-sized toxins by drawing out large quantities of fluid from the blood and replacing it with clean fluid generated by the HDF machine.

Recent studies have shown that HDF can reduce cardiovascular (heart disease) mortality, has better stability of blood pressure during dialysis and reduces some of the long-term complications due to dialysis. Offering different forms of dialysis is one of our initiatives to enhance our delivery of care. It also enables us to better meet and support the diverse needs of our patients.



HD patients have a permanent lump and scar on their arm (fistula)

Nocturnal Dialysis Continues to Benefit Patients

Unlike regular four-hour dialysis sessions during the day, nocturnal dialysis takes place at night while the patient sleeps and typically lasts for seven to eight hours a session. As the dialysis hours are longer, this results in better health outcomes for patients.



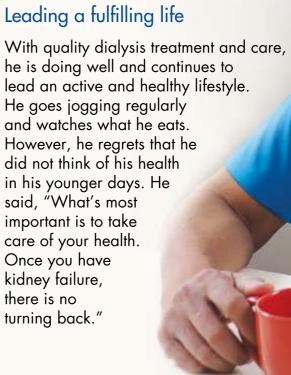
The quality treatment helps me lead an active ifestyle

Mr Fernandez Dennis Francis, 69, was working full-time in the army. He was fit and often ran 21km marathons. However, he had a sweet tooth and often indulged in chocolates, ice-cream and soft drinks.

His diabetes led to kidney failure About 12 years ago, the doctor told him he had diabetes. In 2012, he retired from the army and was looking forward to enjoying his golden years with his family. However, barely a few months went by when his leg began to swell. He found out that his kidneys were failing and ended up having to go on dialysis thrice weekly to sustain his life.

Leading a fulfilling life With quality dialysis treatment and care,

lead an active and healthy lifestyle. He goes jogging regularly and watches what he eats. However, he regrets that he did not think of his health in his younger days. He said, "What's most important is to take care of your health. Once you have kidney failure, there is no





Our Portable Funding Helps Kidney Patients with Multiple Medical Complications

Needy patients, who pass the means test but cannot be admitted to NKF's haemodialysis programme because they suffer from multiple medical complications, are provided with subsidies to receive treatment at private dialysis centres through our Portable Funding.

\$1.93 million total subsidies given out

172 total number of beneficiaries

Profile of Beneficiaries on Portable Funding

Beneficiaries on Portable Funding

Age
Sender
Male Female

400

400

400

400

400

500

Race
Chinese Malay Indian Others

100

119

Year (June)

Mr Goh Kwee Lian, 66, suffers from many illnesses – kidney failure, heart problems, diabetes, high blood pressure and high cholesterol. He had to stop work as a delivery person after being diagnosed with kidney failure in 2013.



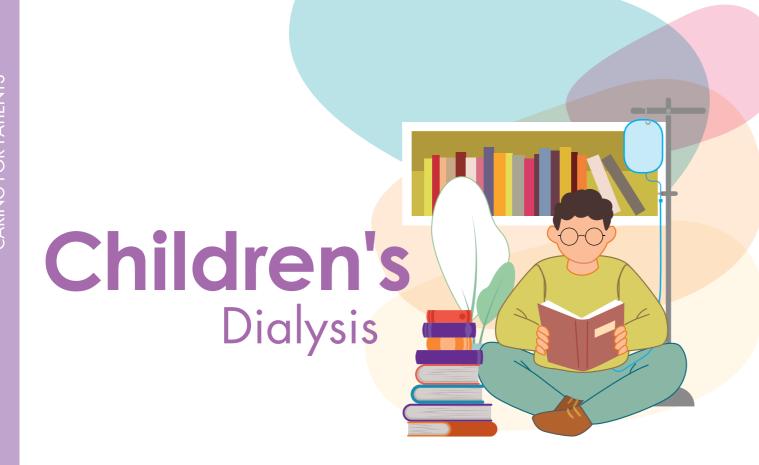
Receiving help from NKF

Due to his multiple conditions, he requires special treatment and care which makes him unsuitable for NKF's dialysis programme. He is grateful to NKF for placing him in NKF's Portable Funding to receive treatment at a private dialysis centre and he does not have to pay anything out-of-pocket.

Looking ahead with courage

Mr Goh suffered another blow in 2017 when he lost his wife of 41 years to breast cancer. Despite his misfortunes, he has not given up on life. He said, "Although I'm alone now with no family, dialysis gives me hope to keep going. I just take one day at a time."

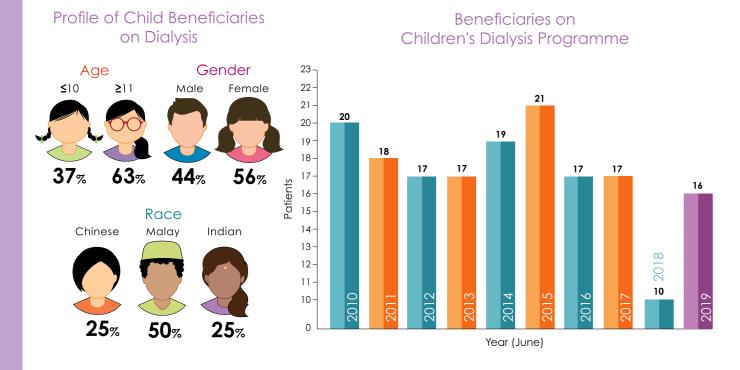




Assisting Young Kidney Patients through Children's Dialysis Fund

NKF's Children's Dialysis Fund subsidised the treatment costs of 16 young patients suffering from kidney failure as well as sponsored the running costs of the Children's Kidney Centre at the National University Hospital.

\$1.13 million funding for Children's Kidney Centre





Miss Radheana Bte Zamri, 26, was diagnosed with obesity and diabetes during a check-up at school when she was just nine years old. She was prescribed oral insulin but refused to take it as she was just too young to comprehend the severity of her condition.

Times of darkness

Her health deteriorated abruptly when she was in polytechnic, leaving her with no choice but to drop out of school. She experienced severe problems with her eyesight and underwent several surgeries.

Unfortunately, the doctors were only able to save her left eye.

Radheana's kidneys failed when she was 21, making her the third person in her family to have to undergo dialysis.

Finding employment through NKF

When Radheana expressed a desire to find employment, NKF found her a position as a part-time retail assistant through our Patient Employment Rehabilitation Programme. It was a huge relief for Radheana as she had trouble finding a job that could accommodate her thrice weekly dialysis schedule. These days, she derives a sense of fulfilment from being productive and self-sufficient.

NG

Accessibility

within the Community

91% patients are right-sited

Bringing Dialysis Closer to Patients' Homes

Being the forerunner in providing community dialysis treatment, we have embarked on an integrated renal care model to support the evolving health and social needs of our patients. In this regard, we aim to right-site all our patients at a dialysis centre within 5km of their residence as part of our community integration efforts to actively engage the grassroots and volunteers to have greater interaction with patients. 91% of our patients are currently right-sited.







"In life, we go through many trials & tribulations. I have found that having positive thoughts and being thankful for the good things I still have in my life helps a lot."

Mr Azmi Saini, who is benefitting from Life@DC







Through our new programme Life@DC, NKF's multidisciplinary teams and community partners support patients to build an empowering community from the ground up - for patients and by patients. At the core of Life@DC is creating a warm and inclusive community with a "kampong spirit" built on a strong foundation of care for each other; a communal space for patients to gather and make it their own; forging strong bonds and social integration through meaningful and engaging therapeutic activities; and sharing cherished moments and celebrating key occasions together. Through all these, patients can enhance their quality of life, reintegrate into the community through employment, and give back to the community.





Patients have to make 312 trips to and from the dialysis centre every year



The care we provide patients is a holistic one. It goes beyond dialysis. It is never easy living with kidney failure as patients need to deal with many problems in life. Our aim is to walk alongside them to empower and engage patients so that they regain their dignity, confidence and positivity and, most importantly, the belief that they can overcome any adversity. Ultimately, improving patients' lives and allowing them to live normally, and even fufilling their dreams and aspirations are what NKF is committed to do.

CARE AND COUNSELLING

Admission Counsellors Walk with Patients

From the point of application, our counsellors will provide emotional and family therapeutic support to help patients and caregivers adapt to their dialysis regime and plan their rehabilitation.

PATIENT WELFARE

We provide subsidies for needy patients and their families through our patient welfare programmes to help them cope with daily living and improve the quality of their lives.

Transport Subsidies

Needy patients who require special transport services to and from dialysis centres were given subsidies for bus, train, taxi, ambulance, van and even dialysis escort assistance expenses.

Admission Counsellors walked alongside every

one of the 805 patients and caregivers from the point of application

Total patient welfare subsidies amounted to

\$5.73 million of which \$4.88 million went towards transport subsidies to benefit 1.497



NKF's Grains of Hope is a home intervention programme helmed by volunteers to support needy patients by delivering basic food provisions and sundry, and providing emotional and mental support during their home visits on a monthly basis. The programme supports patients who are socially isolated, lack a strong support system in caregiving or lack access to health and social-related entities with the end objective of helping them re-connect and re-integrate into the community through the help of volunteers.

Bursary Awards for Patients' Children

Caring people support us through bursary awards for patients' children to excel in their studies and uplift their family from their financial burdens. As such, needy patients do not have to compromise on giving their loved ones a good education so that they can do well and contribute back to society in the future.

Patient Employment Rehabilitation Programme

This programme, sponsored by the Kwan Im Thong Hood Cho Temple, helps patients find suitable employment. Patients are given support to

69

I thank NKF for helping me

find a job. I feel great to be

support myself.

part of Singapore's workforce again, and to earn and

patients lacking a strong support system and are socially isolated are receiving support in the Grains of Hope Programme

\$25,000

bursary amount in total given to 11 students from families of needy kidney patients

patients attended relevant training programmes to sense of self-worth and dignity

patients find jobs and 49 patients increase their employability by providing skills training and upgrading, and are referred to external hiring partners. Within NKF, patients are re-integrated into the engaged to provide services on a contract-for-service arrangement. workforce and regained

92% of patients have hypertension and 64% have diabetes



DIET & NUTRITION

Counselling and Intervention

Kidney patients need to modify their diet habits to meet nutrition goals according to their health condition. A team of 11 dietitians provides nutrition information for appropriate dietary choices and counsel patients to make positive behavioural changes towards eating right.

Patients' Nutritional Needs

Malnourished patients were supplemented with high energy and/or high protein oral nutrition supplements during each dialysis session.

Nutrition Education Programme

Patients and caregivers attend nutrition education sessions once a month in a small group setting at a dialysis centre. The sessions empower them with nutrition knowledge and skills to make appropriate dietary choices. It also gives them the opportunity to share their experiences in diet management and learn how to improve their diet habits through interactive nutrition activities. Cooking demonstrations were organised so that they can absorb knowledge better through experiential learning.

1,859

patients with nutritionrelated problems received timely counselling and intervention

573

malnourished patients benefitted from high energy and/or high protein oral nutrition supplements

148

patients and 36 caregivers attended nutrition interactive group education

159

patients and 23 caregivers attended cooking demonstrations

PHYSICAL WELL-BEING

Fall Prevention Programme

NKF's Fall Prevention Programme helps frail kidney patients as falls are a common cause of injury among them and most falls take place at home. Many of these falls are due to clutter, wet floors, chairs and beds that are too high or too low, loose cords and wires, inadequate lighting, poor step and stairway design, and wrong foot and eye wear. Other causes include lack of physical activity, poor muscle tone and visual impairment. Medical conditions and medications too can cause unsteadiness or affect balance, vision and alertness. One fall incident tends to lead to repeated falls over time due to reasons such as weakened reflexes and muscles after the first fall. Hence, with a decline in mobility and functional independence, patients may have to depend on a walker or wheelchair, restrict their mobility due to the fear of falling, miss dialysis sessions and suffer a compromised quality of life.

In collaboration with Singapore Institute of Technology (SIT), student volunteers who study Occupational Therapy (OT) are paired with a community volunteer to reach out to frail patients. They extend an effectual helping hand to kidney patients in making them understand that falls can be prevented at home through simple adjustments.

To ensure greater impact of the programme, NKF also produced a guidebook on preventing falls which are explained and given to patients and their caregivers. It covers simple falls risk checklist, information on the consequences of falling, a home safety checklist to identify potential hazards, and tips on how to reduce risk of falls by making simple changes to daily activities.

21 volunteers helped 13 frail patients to take steps to reduce falls at home







Occupational Therapy

NKF's Occupational Therapy (OT) programme provides assessments and interventions to help patients perform day-to-day tasks and roles essential to their lives. The scope of OT also includes caregiver training, equipment prescription, lifestyle and home modifications, as well as utilising the available and appropriate funding and resources for needy patients.



Exercise Care Plan

Many patients have reduced functional capacity as a result of sedentary lifestyle and ageing, which also potentially gives rise to risk of muscle wasting and premature disability. Besides customisation of home exercise care plan and based on patients' needs, exercise specialists will encourage and invite patients to attend weekly maintenance exercise classes located at the various clusters. In-centre programmes are readily available for medically-cleared patients at different locations such as in NKF HQ, Integrated Renal Centre, and many other satellite dialysis centres built with an exercise area. Taking a person-centred perspective, these physical rehabilitation platforms help improve their physical well-being and overall quality of life.



234 patients benefitted from OT

50
nurses benefitted from OT training

success rate for 10 NKFassisted cases for HDB's Enhancement for Active Seniors (EASE) home modification programme

2,250
patients benefitted from the individualised home-based exercise care plan

50% patients do intradialytic exercises following the in-house exercise video

patients regularly attend in-centre active and maintenance activities with 75% showing improvement in muscle strength and balance

MULTIPLE CHRONIC DISEASE MANAGEMENT



Eye Screening Services

Besides having kidney failure, 64% of our prevalent patients are diabetic and require regular eye checks. NKF partnered Raffles Hospital to provide complimentary vision tests and eye checks for kidney patients. For cases requiring further medical followup, retina photography will be performed and referrals made to hospitals at a subsidised rate. 110 patients benefitted from the clinical eye programme.

110

patients benefitted from the clinical eye programme



Home Glucose Monitoring Kits

We also continue to provide free glucose monitoring kits to encourage diabetic patients to monitor their blood glucose levels diligently. 51

diabetic patients using free glucose monitoring kits at home



Podiatry Services

NKF continues to provide onsite podiatry services at various dialysis centres for easy accessibility as foot problems are common among kidney patients with diabetes. The scope of podiatry services include wound management, skin and nails treatment and footwear advice.

219

diabetic patients with foot problems benefitted from our podiatry services with

83 referred to hospitals for further treatment

3% reduction in lower limb amputation among diabetic kidney patients



Subsidised Chest X-rays

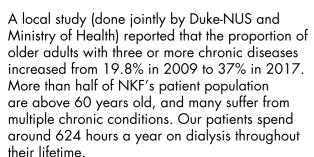
NKF collaborated with SATA CommHealth to provide heavily subsidised chest x-rays at minimal or no charge to help patients in the early detection and intervention of cardiac conditions.

194

patients benefitted from subsidised chest x-ray services

Advancing Renal Care

Kidney Care Goes Digital



To make things more comfortable for our patients, improve patient health outcomes, productivity and achieve better integrated care, NKF has embarked on a digitalisation journey with the implementation of our Renal-Point-Of-Care-System. Key processes are automated and the patients' records are digitised. This relieves the nurses of their manual work as much as possible and provides a centralised electronic medical record system for access by the doctors wherever they are, 24 hours a day.

Our patients receive a free smart card, which digitally records their pre-and post-treatment



weight and other data like blood pressure while they are hooked up to the dialysis machines. In the past, nurses manually recorded patients' blood pressure every 30 minutes or one hour, which tends to disrupt their rest. Now, the dialysis machine reads the treatment plan for the patient once the smart card is inserted.

NKF's digitalisation transformation means that nurses have more time to build relationships, rapport and trust with patients. They have more time to talk to patients, clarify any doubts or questions patients may have, and even spot early distress signs in patients and refer them to medical social workers or counsellors for timely intervention.

World Kidney Day Nursing Symposium

NKF, in collaboration with the Singapore Society of Nephrology and the Singapore Nurses Association, organised a nursing symposium on 31 March 2019. The theme focused on creating awareness and education on kidney health as well as sharing on community access in kidney care. More than 300 nurses and allied health professionals participated.





KIDNEY CARE CONFERENCE SINGAPORE 2019

Integrated Kidney Care: Advancing Together

Kidney Care Conference

NKF's Kidney Care Conference, themed "Integrated Kidney Care: Advancing Together" was held on 25 & 26 May 2019 at the Lee Kong Chian School of Medicine (Novena). This 3rd year running conference provided multidisciplinary insights into the transformation and integration of chronic kidney disease care for the future, in the face of emerging complex challenges. It was also a platform for medical and allied healthcare professionals to share and exchange ideas as well as generate discussions to advance renal care.





For the first time, the conference was extended to renal experts in the Asia Pacific Region. We were also privileged to have five overseas distinguished speakers who hail from Canada, Hong Kong, Thailand, the United Kingdom and the United States to share their expert knowledge across the spectrum of renal care. Over 500 participants attended the conference which

included counsellors, dietitians, nurses, partners, patient advocates, physicians, policy makers, rehabilitation specialists and social workers. Mr Chan Heng Kee, Permanent Secretary, Ministry of Health, was the Guest-of-Honour and Professor Tan Chorh Chuan, Executive Director, Office for Healthcare Transformation, Ministry of Health, was the Keynote Speaker.

NKF remains committed to the care of kidney patients through better treatment outcomes and prevention of kidney diseases.





Achieving Excellent Clinical Outcomes

To achieve excellent patient outcomes, we use high flux synthetic membrane dialysers. Our water quality for dialysis always achieves and often exceeds internationally recommended quality standards. We also conduct regular reviews and timely intervention in our patient management.

94%

patient survival rate in the first year

99%

patients achieved desired outcome of $Kt/V \ge 1.2$. Fractional clearance of urea (Kt/V) is one key indicator for measuring dialysis adequacy

82%

patients achieved Hb level of ≥10 gm/dl. Improving patients' haemoglobin level results in better physical tolerance and quality of life

1.14**

central venous catheter blood stream* infection rate, which is better than the international benchmark of 3.00

*Used for blood to flow from patient to the machine and back

** Per 100 patient months

Hand Hygiene

Good hand hygiene is one of the most critical control strategies in outbreak management. Under NKF's Hand Hygiene Progamme, the nursing infection control team continues to develop policies, monitor hand hygiene compliance, conduct training and organise annual campaign to raise awareness on the importance of hand hygiene.

97% hand hygiene compliance

Supporting Research in Kidney Disease

The Venerable Yen Pei-NKF Research Fund continues to support renal research in the areas of clinical and translational research, focusing on projects on the prevention of kidney diseases/failure. There were 18 Grant Calls since 2007, with 94 projects funded.

Total projects awarded since 2007 - 94

Ongoing projects 6

Completed

88

Healthcare Humanity Award 2019 (Ministry of Health)



Ms Lai Siew Fung Senior Staff Nurse

Nurses' Merit Award 2019 (Ministry of Health)



Ms Aguilar Abarientos Alma Senior Staff Nurse (2nd from left)

Ms Kumaresan Shanmugapriya Clinical Nurse Manager (3rd from left)

Singapore Health Quality Service Award 2019



Best Team Award – Clinical Practice Improvement Nursing Infection Control Task Force



Best Team Award – Service Initiative Improvement Transport Taskforce

Nurturing Staff to Learn, Grow and Excel

Other than providing learning and sponsorship opportunities to enhance the skills and competencies of our people, we focused on deepening the development of the management team to strengthen NKF's core values of NICER (Nurturing, Integrity, Compassion, Excellence and Respect) through the implementation of NKF Leadership Development Roadmap.

Aligning to our Employee Value Proposition (EVP) to provide opportunities for our people to grow, learn, share and excel, we have also put in place an NKF Development Roadmap for all employees to equip them with the right skill sets as we steer together towards our Vision and Mission.



"The NICER leadership programme helped me to be objective, strengthen relationships with staff to gain trust by being more open, and be more empathetic so as to motivate staff to adopt a mindset towards excellence."

Ms June Lim Support Services Deputy Director



"The workshop helped me develop self-awareness and be equipped with qualities that I need to become an effective and competent leader."

Mr Anthony Irish Yutoc Clinical Nurse Manager

Community Hearts Programme

Our employees continued to adopt a social welfare organisation and contribute to its cause. As a team, employees work together to engage the community while learning and fostering closer bonds.



346





staff committed a total of 1,487 hours

Dialysis patients will eventually stop producing urine





NKF Circle of Hearts

Through Circle of Hearts, volunteers provide friendship, care and emotional support to help patients cope in their journey towards rehabilitation with more than 4,400 of them from all walks of life engaged in various meaningful volunteer programmes and activities.





"Our volunteering stint with NKF started about a year ago when we had to fulfil our mandated community service hours. We spent a few months at NKF's dialysis centre in Toa Payoh, befriending the patients every Saturday evening. Never did we expect ourselves to form such a strong bond with them. Now, we visit them every Tuesday evening and we talk about everything and anything under the sun. What started as a simple intent to bring joy and warmth to the patients has blossomed into so much more. They give us so much good advice and often turn our bad days into good ones. We have gained more in return."

Ms Chloe Wong, 19, contributed 64 volunteering hours & Ms Cai Xinrui, 21, contributed 50 volunteering hours, ex-Hwa Chong Institution (College Section) students "We want to expose our students to the different community groups in the society so that we can imbue in them a sense of empathy. When NKF approached us to have our students create affordable renalfriendly diets and conduct cooking demonstrations for their patients, we were impacted by the experience. Through the various interactions with NKF dietitians and patients, students are now more aware of the multiple food restrictions these patients face and the high percentage of malnourishment amongst them due

to poor appetite. This partnership has not only allowed our culinary students a chance to exhibit their palate creativity by paying it forward with the culinary skills they learnt, but also gave them insights into the lives of individuals who are determined to rise above their adversities in spite of the multiple layers of challenges they have. We hope these service learning opportunities would inspire our students in giving hope to others and help them grow in confidence."

Mr Khairilzaly Bin Yusoff, 36, Chef Lecturer, ITE College West





Volunteers with passion and skills are needed to help enrich the lives of patients



"My wife, Winnie, and I have been volunteering with NKF for over 10 years now. From being a home befriender in the Grains of Hope programme to participating in befriending sessions in the dialysis centres, every interaction we had was a meaningful one, a reminder of how important health is and to treasure what we have. It, too, struck me how important it is to build a community of support for those in need so that they do not fall through the cracks. Thus, I work closely with my full-time national servicemen

in the HQ Republic Singapore Navy, Naval Personnel Department to encourage the young recruits to volunteer at NKF. I hope the younger generation would be inspired by their experience in NKF and would continue to do what they can for the vulnerable in the community."

Mr Nirmal Singh Dhillon, 60, Staff Officer Engagement Branch, HQ Republic Singapore Navy, Naval Personnel Department, who has contributed 52 volunteering hours



"I used to be a patient with NKF. Thus, I understand the challenges and possible stigma that dialysis patients face. It is not only a physical health burden they carry but an emotional upheaval too. I hope to be able to do what I can to help lift them out of their gloom and advocate the importance of caring for one's health to the public so that together, we can help curb the growth of kidney failure."

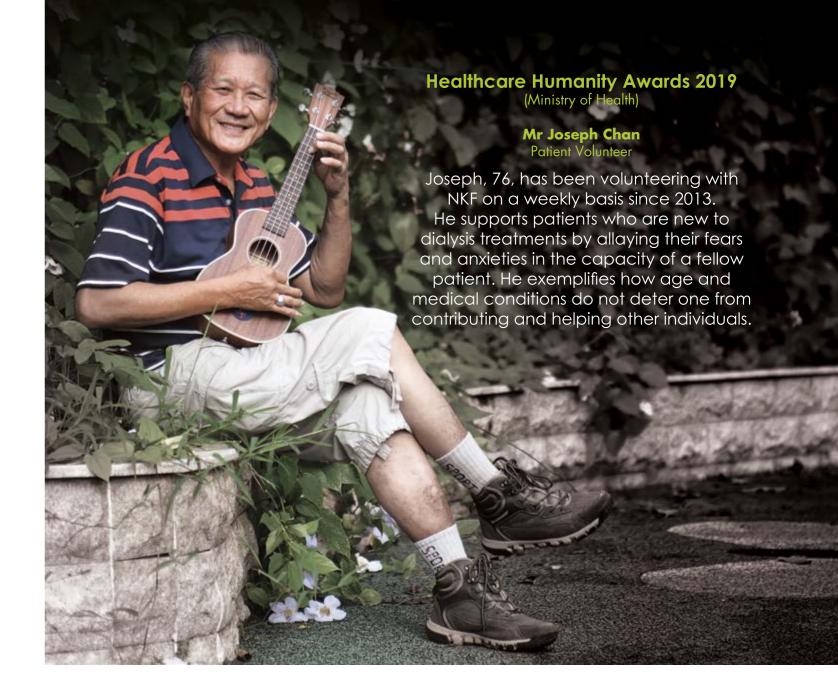
Ms Geraldine Goh, 60, patient volunteer who contributed 23 volunteering hours





"At The New Charis Mission, we go on and beyond to bring and advocate change in communities. We are glad to be able to partner NKF to bring positive changes to their patients' lives. Being able to witness and experience first-hand, the happiness and gratitude that radiate from NKF's beneficiaries when we help them refurbish their homes, reaffirms us in our cause and mission. We know we are doing right and hope to encourage other community partners to hop onto this bandwagon of doing good for the less privileged."

Mr Robin Tay, 43, Manager of Programme & Community Services, The New Charis Mission



"Volunteering at NKF has been an enjoyable experience for me. I managed to make many good friends over the years and most importantly, it gives me the opportunity to pay-it-forward not only to other fellow patients by sharing my experience with them but

to the Foundation as well for the help and support I have received and am still receiving. I will continue to volunteer here for as long as I can."



Mr Eu Aik Wah, 61, patient volunteer who contributed 51 volunteering hours

Volunteering can help keep you mentally stimulated and add more zest to your life

Giving with Love and Compassion

Celebrating 50 Years Together

We celebrated our 50th anniversary on 5 April 2019 at the NKF Centre together with our community partners and supporters because it is compassionate people like you who have enabled us to come this far and make immeasurable difference to more than 10,000 lives. It is this spirit of togetherness that spurs us to work towards providing seamless, integrated community care for our patients so that they can get back on their feet, which encapsulates the theme of our milestone year - "Giving Life & Hope Together".















Mr Tan Chuan-Jin Speaker of Parliament \$13.5 million

raised through LifeDrops, contributing to 55.5% of the overall donations

Monthly Giving through LifeDrops

LifeDrops is our major source of donation where donors give conveniently through automatic monthly deductions. This way of giving enables us to keep fundraising expenses low and the savings can be channelled to help even more needy patients.

Fundraising expenses amounted to 10.5% of the total funds raised, well below the 30% as stipulated by the Charity Regulations.



"No matter how small the contributions are, it all adds up in providing great assistance to those in need."

Mr James Lim, who has been donating monthly for the past 18 years



Flag Day

Over 1,000 volunteers raised funds for needy kidney patients. They also helped spread kidney health messages donning our signature traffic light tee-shirts and distributing souvenirs bearing key health messages to members of the public. More than 350 notes of encouragement were collected to cheer the patients on in their rehabilitation journey. Our special thanks to Baxter Healthcare (Asia), Hoe Kee Hardware, Koh Kock Leong Enterprise and Roche Singapore for their continuous support towards NKF Flag Day.

Date: 17 November 2018 Venue : Islandwide Amount Raised: \$260,151 Expenses: \$16,192











HD treatment for one patient costs over \$2,000 a month



Date: 31 May 2019

Venue: The Ritz-Carlton, Millenia
Guest-of-Honour: Mr Chan Chun Sing
Amount Raised: \$2,678,404
Expenses: \$175,557









NKF50 Charity Dinner

Funds raised went towards providing quality treatment and care for kidney patients. NKF also took the opportunity to thank four caring donors - The Sirivadhanabhakdi Foundation, Lew Foundation, San Wang Wu Ti Religious Society and Mr Ngiam Kia Hum & Family - for sponsoring the costs of establishing and renovating our new and existing dialysis centres.



"I wish NKF all the best as it continues to partner the community, individuals and the government in its work - exemplifying the collective responsibility and Singapore spirit to improve the lives of fellow Singaporeans and build a stronger Singapore."

Mr Chan Chun Sing Minister for Trade and Industry



NKF 7-day No Sugary Drinks Challenge

About 8,000 students from 10 educational institutions participated in the 7-day No Sugary Drinks Challenge which encouraged healthy dietary habits at an early age. It also imbued in the young values of compassion and empathy for others, not



just with words, but with action. The money saved on the drinks given up by parent and child went towards helping needy kidney patients.



Date: 22 January 2019 to

Target Audience: Educational Institutions

Amount Raised: \$34,713

31 March 2019

Dialysis Machine Sponsorship

40 compassionate donors contributed over \$1 million to sponsor 52 new dialysis machines. As one machine can benefit six patients, 312 needy patients are benefitting from these machines. NKF carried out plate-mounting ceremonies at various dialysis centres to recognise dialysis machine donors.





Buddhist Temples Raise Funds for Kidney Patients

In conjunction with Vesak Day celebrations this year, we raised close to \$280,000 through 57 Buddhist temples, individuals as well as the support from Singapore Tote Board.





Support from the Malay Community

The caring support from the Malay Community through our various donation drives helped raise about \$168,000 to benefit needy kidney patients.



1 in 3 Singaporeans has a lifetime risk of getting diabetes

Corporate Governance

Roles and Responsibilities of Board of Directors

The Board acts in the best interest of NKF with the aim of improving the quality of care for patients who are afflicted with kidney disease and raising awareness on kidney disease prevention. It also ensures there are adequate resources for the operations and programmes of NKF and that such resources are effectively and efficiently managed; that there are processes in place to ensure NKF complies with all applicable laws, rules and regulations; and there is an appropriate code of conduct, which upholds the core values of NKF and processes.

The Executive Committee (EXCO), comprising not fewer than three members and whose appointments are approved by the Board, assists the Board in overseeing the operations of NKF. It has the responsibility to administer affairs of the charity on behalf of the Board in emergency or on-demand activities that occur between Board meetings, which shall be presented later for full Board review. EXCO assumes an independent and advisory role to provide guidance and oversight to the NKF Management on operations of the charity.

Day-to-day management of NKF is delegated by the Board to the management team headed by the Chief Executive Officer (CEO). Initiation and changes of new key programmes and activities, and significant transactions require the approval of the Board. The Board also reviews and approves the annual budget prepared by the management.

Board members are expected to avoid actual and perceived conflicts of interest. Where Board members have personal interest in business transactions or contracts that NKF may enter into, or have vested interest in other organisations that NKF has dealings with or is considering to enter into joint ventures with, they are expected to declare such interests to the Board as soon as possible and abstain from discussion and decision-making on the matter. Where such conflicts exist, the Board will evaluate whether any potential conflicts of interest will affect the continuing independence of Board members and whether it is appropriate for the Board member to continue to remain on the Board.

The Board has also ensured that NKF is in compliance with requirements in Financial Reporting Standards (FRS) and the Code of Governance for Charities and Institutions of a Public Character (IPCs).

Composition of our Board of Directors

The Board strives to ensure that Board members, as a group, have core competencies in areas such as accounting and finance, business and general management, communications, healthcare, human resource, law, medicine, strategic planning and technology and that it incorporates a degree of diversity. All Board members must be independent. Independence refers to not having any family, employment, business and other relationships with NKF, any related companies or their officers that could interfere or be reasonably perceived to interfere, with the exercise of the Board member's independent judgment made in the best interest of NKF. The CEO is an ex-officio non-voting member of the Board and attends all Board meetings. In addition, other members of management are invited from time to time to attend and make presentations at Board meetings.

The Board believes that to be effective, it should not be too large, whilst at the same time, ensuring that there is a sufficient range and diversity of expertise and viewpoints with good gender mix and continuity of service. In light of regulations for charities and IPCs, the Board needs to have a minimum of 10 members. As at end of the financial year, the Board had 14 members, none of which having served more than 9 years running. Board members are not remunerated.

Key Corporate Governance Initiatives

NKF is committed to lawful and ethical behaviour in all our activities and requires that our Board members, employees, volunteers and consultants conduct themselves in a manner that complies with all applicable laws, regulations and internal policies. In keeping with this commitment and NKF's interest in promoting open communication, NKF has complied with the Code of Governance for Charities and IPCs. NKF's Governance Evaluation Checklist for the period 1 July 2018 to 30 June 2019 can be viewed at the Charity Portal www. charities.gov.sg.

NKF has a Whistle Blowing Policy that provide employees and members of the public with accessible channels to the Chairman of the Board, the Chairman and members of the Audit & Risk Committee and the internal auditor (partner in charge) for reporting suspected fraud, corruption, dishonest practices or other similar matters. All whistle-blower complaints were reviewed by the Audit & Risk Committee immediately to ensure independent and thorough investigation and adequate follow-up.

Risk Management Practices

NKF has imbued a culture of risk management being everyone's responsibility and this is built into our processes. Starting with good governance, we established distinct roles of responsibility and accountability with clear measurable outcomes. This allows good risk-managed processes to be put in place. Such processes include enhanced personal data protection processes across the organisation and reliable business continuity plans that allow us to mitigate crises. Key risks are periodically reported and monitored by the Audit & Risk Committee and the Board.

Board of Directors



Chairman Mr Koh Poh Tiong Board Director and Advise Fraser and Neave Ltd (F&N) Meetings attended: 2



Member Assoc Prof Abdul Razakir Bin Omar Deputy Medical Director Raffles Hospital, Raffles Medical Group, Singapore Meetings attended: 2



Member Prof Chan Choong Meng Senior Consultant Department of Renal Medicine Singapore General Hospital Meetings attended: 2





Member Dr Chong Yoke Sin Managing Partner, Singapore iGlobe Partners Meetings attended: 3



Member Mr Johnny Heng, PBM Managing Director & Chief Client Officer Wealth Management, Asia ex-Japan Nomura Singapore Ltd Meetings attended: 3



Member Mr Jerry Koh Deputy Managing Partner Allen & Gledhill LLP Meetings attended: 1



Member Mr Arthur Lang, PBM Chief Executive Officer International, Singtel Meetings attended: 1



Mr Benjamin Lee Executive Director and Founding Partner CBP Quilvest Wealth Advisory Ltd Meetings attended: 3



Ms Lee Huay Leng Head, Chinese Media Group Singapore Press Holdings Meetings attended: 1



Member Mr Bennett Neo Chief Executive Officer Saigon Beer-Alcohol-Beverage Corporation Meetings attended: 2



Member Mr Ng Boon Yew BBM, BBM(L) Executive Chairman Raffles Campus Group Meetings attended: 1



Member Prof A. Vathsala Senior Consultant Division of Nephrology Department of Medicine Co-Director National University Centre for Organ Transplantation National University Hospital

Meetings attended: 2



Member Ms Shirley Wong Managing Partner TNF Ventures Pte Ltd Meetings attended: 2



Ms Wong Su-Yen Founder and Chief Executive Officer Bronze Phoenix Pte Ltd Meetings attended: 2

Executive Committee



Members





NKF EXCO Meetings Held: 17 September 2018 14 January 2019 15 March 2019

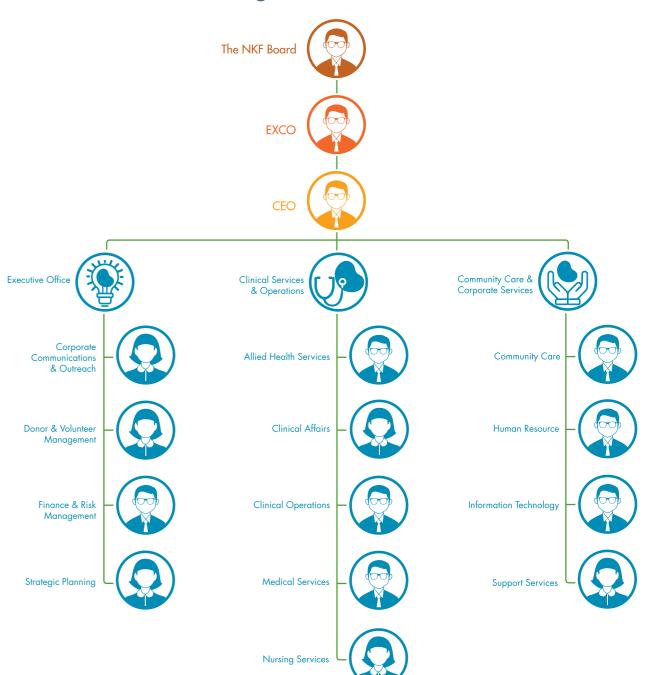
Mr Koh Poh Tiong Mr Johnny Heng, PBM

Mr Jerry Koh (from 1 Feb 2019)

Mr Arthur Lang, PBM (from 1 Feb 2019)

Mr Bennett Neo (till 29 Jan 2019)

Organisation Chart



13 Committees to Cover Key Areas of Management

NKF has 13 committees to assist the Board in covering key areas of management and improve our oversight of management and accountability to stakeholders. All committees have written terms of reference, which are approved by the Board. Minutes of committee meetings are provided to the Board.

Audit & Risk Committee

The Audit & Risk Committee (ARC) assists the Board in ascertaining integrity in financial and non-financial information presented to members, regulators and the general public and a robust risk management system for the Foundation through adequate policies, adoption of strong ethical code of conduct and maintenance of a strong control environment. ARC is also responsible for reviewing the work and independence of both the external and internal auditors.

Committee Meetings Held:

9 July 2018 10 September 2018 14 January 2019

15 April 2019



Mr Johnny Heng, PBM

Dr Daniel Chia

Members



Prof Ho Yew Kee (from 1 Apr 2019)



Mr Keith Ng

Mr Alfred Shee (till 31 Jan 2019)



Ms Tan Peck Joo



Ms Wan Mei Kit

Tender Committee

Mr Ng Boon Yew BBM, BBM(L)

Chairman

The Tender Committee is a sub-committee of the Finance Committee. The Committee supports and advises the Finance Committee on the procurement process to help ensure cost efficiency and that it is transparent and competitive. It reviews risk implications which may arise from the purchases and proposes measures to avoid or minimise such risks. It independently evaluates the tenders submitted for each purchase in excess of \$500,000.

Mr Chay Yee Meng

approval of Finance policies and procedures. It also reviews and approves all

extra-budgetary expenditure beyond the delegated management authority. In

of the Finance Committee, it makes the appropriate recommendations to the Board for approval. The Committee also oversees the Tender Committee.

respect of extra-budgetary expenditure that are beyond the delegated authority





Mr Ang Hao Yao



Members

Members

Mr Ang Hao Yao







Mr Hui Choon Kit



Dr Tan Seng Hoe

Committee Meetings Held:

10 October 2018

Donor Relations Committee

The Donor Relations Committee reviews and ensures that NKF has the appropriate policies and procedures to comply with the Charity Council's Code of Governance in respect to fundraising practices; strategises and spearheads all fundraising programmes and activities on a yearly basis; and helps raise awareness and garner support for financial and other assistance needed by the Foundation.

Committee Meetings Held:

8 October 2018 30 January 2019 28 May 2019

Chairman

Mr Benjamin Lee



Ms Jennifer Bay





Mr Chris Chiu (From 1 Dec 2018)



Mr Lawrence Kim (till 14 Nov 2018)



Mr Bennett Neo (till 14 Nov 2018)



Mr Tan Aik Peng

Finance Committee

The Finance Committee reviews the financial performance of NKF on a monthly basis and reports the results to the Board on a quarterly basis. Its functions include annual review of operating and capital expenditure budget and forecast and recommends, as appropriate, to the Board for approval; review of quarterly financial performance against budget and previous year, and review and

Committee Meetings Held:

15 August 2018 21 November 2018 23 January 2019 15 May 2019

Human Resource Committee

The Human Resource Committee (HRC) is a Board Committee of NKF established by a resolution of the Board of Directors of NKF (Board). The purpose of the HRC is to review and advise NKF on HR strategies, policies and key HR programmes supporting NKF's strategic thrusts and priorities.





Ms Wong Su-Yen Mr Koh Poh Tiong



Mr Henry Liew



Mr Tan Kim Kwang



Mr Zarina Piperdi

Investment Committee

The Investment Committee recommends, for approval by the Board, the investment policy to meet the investment objectives of NKF and suitably qualified external fund managers (FMs) to implement the investment policy. Where external FMs are appointed, the Committee also monitors, assesses and reports to the Board the performance of the appointed external FMs, and advises on matters relating to investment administration.

Committee Meetings Held: 16 October 2018 15 April 2019

... Investment Committee

Chairman



Mr Arthur Lang, PBM



Ms Choo Oi Yee



Members

(from 1 Mar 2019)

Mr David Tan



Mr Kim Teo



Ms Tan Min Lan (till 13 Oct 2018)



Ms Zheng Wanshi (from 1 Mar 2019)

Committee Meetings Held:

12 November 2018 13 May 2019

16 August 2018

28 January 2019

IT Committee

The IT Committee oversees major IT project implementation, reviews the annual IT budget and ensures budget compliance.

Members

Dr Chong Yoke Sin



Mr Alvin Ong



Ms Tng Kwee Lian

Assoc Prof James Yip

Mr Chai Chin Loon

Medical Advisory Committee

The Medical Advisory Committee advises the CEO and Medical Services in the clinical areas and serves as a link between the restructured hospitals and NKF.

Committee Meetings Held:



Advisor

Prof A. Vathsala



Assoc Prof Evan Lee





Dr Tan Seng Hoe

Chan Choong Meng



Prof Yap Hui Kim

Adj Assoc Prof

Chionh Chang Yin



Adj Assoc Prof Adrian Liew



Adj Asst Prof Yeo See Cheng

Medical Review Panel (MRP)

The Medical Review Panel comprising nephrologists from the restructured hospitals reviews patients who fail the medical review for admission into NKF's haemodialysis programme and wish to appeal against the rejection due to medical grounds.



Members

Adj Assoc Prof Chionh Chang Yin



Reshma A

Merchant

Dr Rajat Tagore

Nomination Committee

The Nomination Committee reviews the size, structure and composition of the Board and Board committees, succession plans for the Board, Board Committees and that of the CEO, as well as the competencies, independence and time commitment of directors. It also initiates the search for new directors and recommends new directors and existing directors for reappointment to the Board, as well as reviews the proposed appointment of committee members. It also reviews the process and tools for evaluating Board, Committee and individual director performance. The Committee's recommendations are subject to Board approval and the appointment of members to the Nomination Committee and its terms of reference are approved by the Board.

Chairman



Assoc Prof Mak Yuen Teen



Members

Mr Johnny Heng, PBM



Mr Koh Poh Tiong



Ms Wong Su-Yen

Committee Meetings Held: 12 November 2018 27 May 2019

Committee Meetings Held:

14 January 2019

Outreach Committee

The Outreach Committee helps strengthen NKF's outreach initiatives to actively educate the community, forms collaborations for better coordination of prevention efforts, and encourages and empowers the community to take charge of their health.



Chairman

Assoc Prof Abdul Razakji



Mr Ahmad Abdurrahman (till 31 Dec 2018)



Dr Elly Sabrina



Dr Stanley Liew



Mr Mohd Nizam Bin Ismail



Ms Nur Faradyna Putri Kamarudin (till 31 Dec 2018)



Dr Zuraimi Bin Mohamed Dahlan

Patient Advocacy and Volunteer Committee

Members

The Patient Advocacy and Volunteer Committee spearheads volunteer and patient-related initiatives. The Committee focuses on raising the community's awareness of NKF's volunteer programmes, providing volunteering opportunities and ensuring volunteers' welfare, training and responsibilities are met. The Committee's mandate also includes developing patient rehabilitation programmes to meet patients' needs, managing and nurturing patient advocates and collaborating with external partners to adopt or provide rehabilitation services for patients.

Committee Meetings Held: 15 October 2018 8 February 2019 25 June 2019



Chairman

Ms Shirley Wong (till 31 Oct 2018)





Ms Lee Zhi Ying





Dr Mabel Thng



Mr Wong Joo Seng

Patient Appeal Committee

The Patient Appeal Committee reviews appeal cases of patients seeking financial and social assistance as well as for admission into NKF's dialysis programme. These cases fall outside NKF's approved criteria for assistance and are referred to the Committee by NKF's Community Care department. The Committee deliberates on these appeal cases and after careful consideration, makes recommendations to the CEO to accept, reject or provide alternative assistance to the applicants.

Chairman



Ms Esther Lim



Vice-Chairman

Dr Wong Loong Mun



Ms Hui Soh Heng



Ms Leow Sok Fen



Mrs Pala Krishnan





Ms Tay Poey Noy



Mr Yeo Say Ann

Research Committee

The Research Committee reviews and selects clinical and translational research projects in the area of renal and renal-related diseases and ensures good stewardship and accountability for the way the fund is disbursed.

Committee Meetings Held: 7 January 2019 16 February 2019

Chairman



Prof A. Vathsala



Chan Choong Meng



Adj Asst Prof Mohan Arkanath (till 17 Sep 2018)



Members

Adj Assoc Prof Chionh Chana Yin



Dr Mooppil



Assoc Prof Evan Lee

Dr Tan Chieh Suai



Dr Grace Lee



Dr Martin Lee







Adj Asst Prof Yeo See Cheng

Reserve Policy

NKF has a Reserve Policy to provide clarity in the Foundation's management of our reserves and assures stakeholders that we are well managed and have a strategy for building up reserves, that is, the general funds that are freely available for operating purposes in order to ensure long term sustainability.

Our current year reserves of \$378 million are only adequate to fund 2.6 years of projected annual operating expenditure.

Annual operating expenditure, for the purpose of the Statement of Reserves, represents the total gross annual expenditure of the Foundation adjusted for inflation and projected capacity increases.

Taking into consideration projected income from dialysis treatment, NKF's reserve coverage at 6.3 years was 0.4 years higher than last year and above the Board's target of 5 years.

Projected Operating Expenditures

in \$\$ million	FY 2019/20	FY 2020/21	FY 2021/22	Total for 3 years
Projected Operating Expenditure	134	144	154	432

Reserves Policy Statement

in \$\$'000	Current Year (as at 30 Jun 2019)	Previous Year (as at 30 Jun 2018)	% increase/ decrease
General Funds (Reserves)	378,429*	351,217*	8%
Restricted & Designated Funds	38,363	40,255	-5%
Total Funds	416,792	391,472	6%
No. of Years Reserves Coverage of Annual Operating Expenditure	2.6	2.5	0.1

^{*}Restated to include deferred income to fund future expenditures.



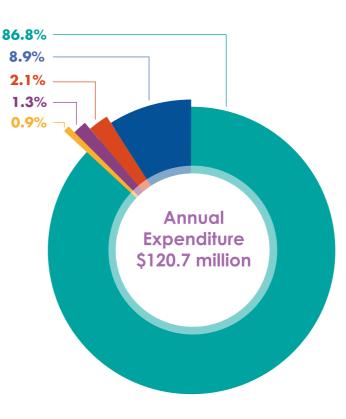
OVERVIEW OF FINANCIAL RESULTS FOR THE YEAR ENDED 30 JUNE 2019

	FY 2018/19	FY 2017/18	Variance
	\$\$'000	\$\$'000	\$\$'000
Charitable Activities Income related to Dialysis (Net of patients' subsidies of \$7,216 for FY 18/19 and \$8,319 for FY 17/18)	45,379	43,049	2,330
Expenses related to Dialysis	(104,775)	(94,033)	(10,742)
Deficit from Dialysis	(59,396)	(50,984)	(8,412)
MOH Subvention Less	40,976	35,977	4,999
Expenses related to Education & Prevention	(1,477)	(1,078)	(399)
Deficit from Charitable Activities	(19,897)	(16,085)	(3,812)
This is funded by: Donations - LifeDrops Donations - Others Fundraising Expenses	13,457 10,794 (2,545)	13,630 9,714 (2,944)	(173) 1,080 399
Total Donations Surplus from Operations after Donations	21,706 1,809	20,400 4,315	1,306 (2,506)
Government Grants Rental Income Sundry Income Administrative Expenses	14,069 1,024 168 (10,796)	13,921 935 93 (9,305)	148 89 75 (1,491)
Total Surplus from Operations	6,274	9,959	(3,685)
Investment and Interest Income (Net of fees)	17,525	2,852	14,673
Total Surplus for Financial Year	23,799	12,811	10,988

- 1. Total annual expenditure for FY 2018/19 was \$120.7 million, \$12.3 million higher than the last FY due to an increase of 197 patients and beneficiaries.
- 2. FY 2018/19 ended positively with a surplus of \$23.8 million made up of operating surplus of \$6.3 million and net investment income of \$17.5 million.
- 3. Deficit from charitable activities of \$19.9 million was higher than last FY by \$3.8 million (24%). This was mainly due to the increase in expenses related to dialysis by \$10.7 million.

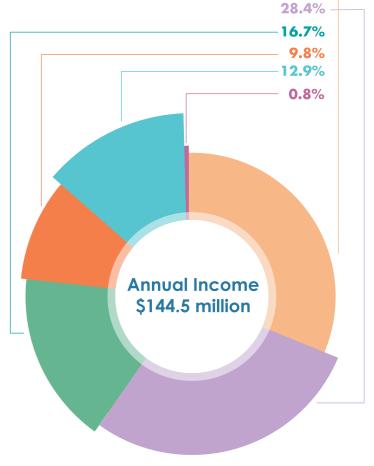
- 4. Deficit from charitable activities was fully funded by donations of \$21.7 million.
- 5. Administrative expenses at 8.9% of overall operating expenses were also fully funded by government grants.
- 6. Net investment and interest income was higher than last year by \$14.7 million due to improved market conditions.

31.4%





- Administrative \$10.8 million (8.9%)
- Fundraising \$2.5 million (2.1%)
- Education & Prevention \$1.5 million (1.3%)
- Investment Fees \$1.1 million (0.9%)



- Dialysis Income (Insurance claims & fee collection) \$45.4 million (31.4%)
- MOH Subvention \$41.0 million (28.4%)
- Donation/Sponsorship \$24.2 million (16.7%)
- Government Grants \$14.1 million (9.8%)
- Investment & Interest Income \$18.6 million (12.9%)
- Rental & Sundry Income \$1.2 million (0.8%)

The full set of audited financial statements is available at www.nkfs.org to save on printing costs as well as care for the environment.



"Congratulations on NKF's 50th anniversary, giving life and hope to the kidney patients in the community. I deeply appreciate NKF for the support and help rendered to the less privileged in the society."

Mr Oh Kian Guan, PBM Chairman of Yio Chu Kang Citizens' Consultative Committee Community Development & Welfare Fund Committee

Our gratitude to all our donors for their strong support, compassion and generosity in giving Life and Hope. Below are our donors who have made outright contributions of \$5,000 and above or monthly donations of \$100 and above from 1 July 2018 to 30 June 2019.

Individuals

Ang Boon Hong Ronnie Ang Chai Luan Joyce Ang Chor Meng Ang Hun Khoon Ang Peng Hueh Ang Zhi Hao Anwar Edward Au Miew Wei Teresa Aw Irene Bee Mooi Mooi Berkhof Ben Bhaskaran Segaran Nair Bhatia Jyotdeep Singh Castillo Anita (Mrs) Chai Chin Loon Champion Nora Chan Aik Hui (Dr) Chan Chee Kong Chan Hian Siana Chan Hian Yoon Avril Chan Mei Lide Chan Sook Fun Yvonne Chan Tio Yong Michael Chan Wai Mun Chan Yok Yue Chandrapaul Obed Benedict Chang Mee Hong

Cheng Jiaqi

Cheow Gim Sena Cheung Chuan Woo Chew Poon Niam Chia Chee Ming Timothy Chia Hung King Chia Hwee Ming Kelly Chim Teck Meng Chin Hang Ping Chin Shuyan Sharon Chng Hak Loy Choh Choon Jin Chok Kooi Ngan Chong Ah Hup Chong Kok Yong Chong Siew Kam Chong Sy Feng Vincent Chong Wee Kee Chong Yeh Sun Choo Lay Hwa Choo Oi Yee Chow Joo Mina Chow Yuen Yong Alvin Chua Ai Gek Delia Chua Bee Hoon June

Chui Yew Kong Cuaca Nurdian Dilhan Pillay Sandrasegara Ee Boon Kwee

Ho Siew Hua Marie Ho Tian Fatt Ho Wai Kiong Ho Wei Mun Hodson Andrew

Kong Yeen Hoon Kostyuchenko Victor (Dr) Kuan Ren Qiang Patrick Kulkarni Abhijit Ashok Kwa Hui Kuan Annie Kwan Thiam Poh Alfred Kwan Yuen Ching Natasha Kwek Ai Ser Kwek Choon Lin Winston Kwok Chat Khing Kwok Chee Hoh Kwok Cher Luang Kwok Ngat Khow Lang Arthur Lau Heng Choon Lau Hong Choon (Dr) Lau Yang Kim Law Beng Kok Leau Chee Yung Lee Chee Lin Benjamin Lee Chee Yong Matthew Lee Cheng Chong Lee Kean Phi Mark Lee Kok Boon Lee Lay Bock Lee Li-Ming (Mrs) Lee Mary (Mrs)

Lim Lu Giok Amy Lim Mei Guei Michelle (Mrs) Lim Oon Kuin Lim Soh Wan Nancy Lim Tiong Seng Lim Wee Meng Lawrence Lim Yok Ley Lin Zhoufu Oh Thay Lee Lin Zikai Edwin Linda Khoo Linn Yeh Ching (Dr) Liu Yock Mui Judith Lo Szi Wei Loh Jun Kitt Loh Wai Meng Low Hsiao Way Low Kin Chiang Richard Low Liong Low Meng Cheng Low Seong Leong Low Suat Tin Joni Low Wai Sina Low Yan Khin Ooi Kooi Tin Lu Yoh Chie Lui Mei Lin Julie Lum Kah Weng Daniel Lve Shoon Fona Lawrence

Na Zhena Guana Kevin See Chai Geok Doreen Nganthavee Suckchai See Lay Hoon Ngiam Heng Sim David Seet Iris Ngo Chun Yong Andrew Sendy Prasetyo Khowantono Noriko Sato (Mrs) Shantanu Mukerji Nyan Yew Loong James Sheila Christine Anselmi Oan Chim Sena Shi Soon Heng Denny Shirley Xie Xin Yina Ong Boon Kong Shy Wee Min Ong Chee Khoon Joseph Sim Bee Wah Michelle Ong Chiew Leong Sim Hwee Kheng Ong Chin Eng Andrew Sim Piah Chew Ong Ching Khiam Sim Piah Hui Ong Eng Siong Sim S C Lawrence Ong Guan Hwa Sim Siew Fung Cecilia Ong Hian Seng Jerry Siti Faridah Khairoman Ong Ing Woei Dennis Sivakumar Martin Sivanesan Ong Kim Chee Sivaram Nagaraj Ona Kim Hock Sng Cheng Hai Ong Kok Chye Steven Sng Elvin Ong Swee Hoo Sng Peng Koon Ong Yen Leng So Chee Meng Kenneth Soh Kim Chua Pandit Sanjay Kamalkishore Soh Yong Poon Park Suk Hoon Soo Choi Pheng Partha Pratim Mitra Soona Yee Shunn Parthasarathy Subramanian Soumini Nair Soundararaian N Sreekumar Pisharath Su Guaning (Dr) Sum Sui Cheng Sumarta Tenny Sun Gin Ping Surapureddy Venkata Swanny Setyono Tan Aik Pena Tan Bee Kuan Tan Beng Kiat Eric Tan Bo Tan Tan Choon Hwee Tan Choon King Tan Eng Chye Tan Hwa Luck (Dr) Tan Jieh Her Tan Kah Tin Tan Kian Huat Albert Tan Poh Kee

Eng Lee Ing Mohammed Anis Hara Lee Moo Hiang Peck Chuan Yong Alex How Yoke Pena Er Soon Yap Mohd Nasrul Abdullah Lee Nguet Kwang Peter Tan Fam Kim Meng Howard Alexander Lee Ping Loon Alan Mok Kim Chye Phang Weng Wan Jay Huang Li Coco Fan Yue Soon Charles Mok Kwok Wah Lawrence Lee Siew Ming Lawrence Phoon Kum Yuen Subramanian Kavitha (Mrs) Huang Meng Ching Foo Fung Toon Michael Lee Soon Chin Mok Kwong Weng Phoon Kwong Yun Ian Chiu Christopher Anthony Huang Shew Jay Jenny Foo Jee Yong Roger Lee Soon Teck Muhammad Khairi Darus Phua Hong Swee Huang Ying Foo Peng Chuan Lee Tee Chin Na Boon Chong Phua Kim Guan Hui Choon Kuen Foo Yoke Khan Nah Hwee Guan Lee Wan Choy Po Chee Chow Kavin (Xu Zunguan) Foong Chin Meng Lee Wee Chiana Nakhoda Hosein Krishnajanaki Ramayya Poh Beng Min Phyllis Hwang Soo Jin Foong Yim Ping Regina Lee Wee Fong Neo Boon Khiam Poh Chena Lam Anthony Isaac Naveen Gan Kian Yong Hubert Lee Xiao Qing Neo Boon Pena James Poh Liong Pin Jaon Bohari Gaole Lai Tan Augustus @ Tan Jiew Sin Lee Yih Chyi Neo Gim Siong Bennett Poh Sin Choon Jennifer Bay George Paul (Dr) Leong Hong Yong Neo Lay Kuan Hazeline Poh Yuan Qi Jennifer Khoo Goh Ah Chye Leong Sou Fong Rosslyn (Dr) Neo Siew Choon Peter Pun Chui Wun Josephine Chee Goh Ah Lek Leong Sung Kok David Neo Siong Heng Quah Ah Choo Susan Kang Choon Seng Goh Gaik Choo Tan Boon Hock Hansel Leona Wina Yew Ernest Na Ah Teck Quah Kee Swee Keh Soh Hua Goh Seak Choon Leong Yen Wah Ng Boone Sing Quek Gim Pew Ker Thian Lai Goh Siow Tai Alex Lew Chee Beng Ng Chiew Leng Austin Quek Koh Kheng Bernard Khoo Eng Lian Goh Wee Hiona Lawrence Ng Hoon Hoi Li Junsheng Raj Sriram Khoo Yew Chuan Benjamin Goh Yew Ka Lim Aik Ching (Mrs) Ng Jun Jie Thomas Randall Gan Seng Yei Kim Meng Choo Goyal Sharad Lim Ban Lee Ng Khim Han Ray Rajagopal R Kim Tze Wen Lawrence Chua Bee Suan Angela (Mrs) Grover Vishal Lim Chong Tee Anthony Ng Seh Tiong Rentsch Jean Marc Klassen Johan Jerome Guee Swei Cheng Chua Bor Jern Lim Chwee Kim Ng Shu Kian Roch Cyril Alexander Ko Tuck Chong Willy Cheah Phui Kheng Adrienne Jacqueline Chua Chona Chena Tan Kim Wee Terence Lim Geck Kia Ng Siok Hoong Rosy Tan Koh Bee Suan Han Chen Kong Jeffrey Chee Swee Mei Esther Chua Chor Chuan Tan Kok Hwee Michael Lim Hock Chee BBM Ng Soon Kheng Sae-Heng Phra Chaloemchai Koh Boon Hock Heng Johnny Chen Zhena Chua Guek Liang Molly Ng Teck Chew Tan Peng Juoi William Lim Kong Hiong Sanjana Singh (Mrs) Koh Hui Hong Hew Jervin Chua Joseph Lim Kwee Poh Ng Thiam Seng Kelvin Saw Chena Chye Koh Poh Tiong Hew Pauline Chua Say Kuan William Cheong Chin Joo Gerald Tan Se Hok David Lim Lam Seng Na Tiona Jin Seah Chong Teck Koh Wee Nah Ho Bock Wee Louis Cheong Hock Chew Peter Chua Swee Meng William Lim Leong Chuan Tan Seok Kee Jennifer Ng Tya Ah Andrew Seah Keah Leng Angeline Kong Hung Lau Paul Ho Ching Cheong Kok Hom Chua Tuan Cheng Tan Seow Leng Lim Lip Jin Dillon Augustine Kevin Ng Woo Hong Seah Swee Poh Ho Guan Qi Kong Wai Loong Chua-Kao Chien Chien (Mrs) Cheong Lay Kheng Every year, one patient will use more than 300 needles for treatment

Tan Siew Leng Tara Tan Siew Teck Lawrence Tan Song Chiang Tan Song Kok Henry Tan Sze Lee Tan Ting Ting Tan Tow Kwana Christopher Tan Wai See Tan Wai Yean Tan Yen Pew Tan Yeo Chiam Danny Tan Yew Seng Tan Yi Zhao Tan Yong Chiang Joe Tay Eng Kng Tay Hwee Pio Tay Jin Ying Tay Kheng Hin Tay Kok Leong Tay Mong Seng Tay Soon Seng Tay Tiang Guan Tay Woon Teck Te(ting) Teck Leong Teng Kar Moi (Mrs) Teo Beng Teck Teo Cher Kian Teo Ho Kang Roland Teo Josephine (Mrs) Teo Pei Ling Teo Poh Heng Teo See See Teo Seng San Teo Tak Sin Dax Teo Tat Beng Tew Heng Kiat

Than Siang Yean Thaslim Linda Thia Sia Eng Thong Fook Sang Albert Tiang Yan Ming Toh Beng Heng Toh Cheng Wan Toh Han Song Jim Toh Joo Huat Toh Khian Hee Jeffrey Toh Kim Hock Toh Siew Gek Joleen

Toh Wee Beng Tok Anaela Voo Li Yin Jeanne Marie Wang Jern Hung Wang Xiqun Wang Yiyu Wang Zhongxian Way Suk-Yee Catherine

Wee Chin Chin Jennifer

Wee Feng Yi Wee Kim Yew Arthur Windersalam Shanmugasundar Wong Hein Jee Lester

Wong Kok On Wong Soon Chee Annie

Wong Tim Meng Wong Zhung Yu

Woo Chee Seng Raymond Woo Phay Keow Susan Woon Mui Lana Yap Peng Kang (Dr) Yassemin Md Said Yee Mei Lin @ Jean Ang

Yeo Chung Hwa Judy Yeo Jiann Chuen Christopher Yeo Khee Song Roland Yeo Li Noi Doreen

Yeo Siew Khoon Richard Yeong Wee Yong Joseph (Dr)

Yip Ai Kia

Yogasundaram Krishnan

Yu Li Pin

Yuen May Foong Jennifer

Zaleha Tamby Zheng Huizhen (Mrs) Zheng Songhui Zheng Yangyu

Organisations

A. Lioe & Associates Pte Ltd Aberdeen Charitable Foundation Addall.Com Pte Ltd

Adera Global Pte Ltd Alco Sunshade Pte Ltd Allen & Gledhill LLP Alliance Asia Holdings Pte Ltd

Baxter Healthcare (Asia) Pte Ltd Bukit Panjang Active Ageing Committee Bukit Timah Seu Teck Sean Tong

China Classic Pte Ltd Chong Hood Lim Association Cognita Asia Holdings Pte Ltd Delfi Limited

Foo Hai Buddhist Cultural & Welfare Association

Fresenius Kabi (Singapore) Pte Ltd Fresenius Medical Care Singapore Pte Ltd

Fresver Beauty Pte Ltd Geylang International FC Global Pharma Pte Ltd Haw Par Corporation Limited Hilltop Contractor Pte Ltd Hoe Kee Hardware Pte Ltd

Hup Seng (S) Pte Ltd

Insurance and Financial Practitioners Association

of Singapore (IFPAS)

Jacob General Contractors Pte Ltd

J'Kids Amusement Pte Ltd Johnasia Shipping (S) Pte Ltd

Joo Yong Co Pte Ltd

Kembangan-Chai Chee CCC CDWF

Keppel Care Foundation

Koh Kock Leong Enterprise Pte Ltd Koon Teck Tng Temple

KPMG

Kuan Im Tng Temple (Joo Chiat) Kwan Inn Vegetarian Food Le Champ (South East Asia) Pte Ltd Lembaga Pentadbir Masjid An-Nur

Lew Foundation Loyang Tua Pek Kong

Lum Chang Building Contractors Pte Ltd

Masjid Al-Islah

Masiid Moulana Mohamed Ali

Masiid Yusof Ishak

Mitsubishi Electric Asia Pte Ltd

Nam Ann Siang Theon New Creation Church Nipro Asia Pte Ltd

NTUC Fairprice Foundation Ltd OES Construction Pte Ltd

Origin BeeChoo Herbal Hair Care (Pte. Ltd.)

Osio Moda Pte Ltd

Oversea-Chinese Banking Corporation Limited

Patent Engineering Co Pte Ltd

Paya Lebar Methodist Girls' School (Primary)

Pei Hwa Foundation Limited

Perennial (Singapore) Asset Management Pte Ltd

Popular Book Co Pte Ltd

Prima Limited

PSA International Pte Ltd Puat Jit Buddhist Temple Resorts World Sentosa Roche Singapore Pte Ltd S C Wong Foundation Trust

Sakyadhita

San Wang Wu Ti Religious Society

SATS Itd

SATS Staff Association Sheng Hong Temple

Shinko Bearings & Beltings Pte Ltd Sin Hong Thai Engineering Pte Ltd Singapore Buddhist Welfare Services Singapore Buddhist Youth Mission Singapore Bukit Panjang Hokkien Konghuay

Singapore Futsing Association Singapore Pools (Private) Limited Singapore United Estates (Pte) Ltd Spire Technologies Pte Ltd Sri Siva Durga Temple

Steen Consultants Pte Ltd SUTL Corporation Pte Ltd SymAsia Singapore Fund

Tampines Chinese Temple

Tampines West CCC Community Development & Welfare Fund

Tan Ean Kiam Foundation

The Buddhist Union

The Estate of Essery Gerald Stephen The Great Eastern Life Assurance Co Ltd

THE HOUR GLASS LIMITED

The Northern Trust Company Singapore

The PwC Singapore Foundation c/o

The Community Foundation of Singapore The Sirivadhanabhakdi Foundation

Thomson Shin Min Foundation

Thong Teck Sian Tong Lian Sin Sia Tian Kong Buddhist Temple

Toa Payoh Seu Teck Sean Tong

Toparts Pte Ltd

Tote Board Group

Trans Point Agency Pte Ltd

Tuas Pek Kong Keng Management Council United Overseas Bank Limited

Viriya Community Services

VNJ Logistics Pte Ltd

Wah Loon Engineering Pte Ltd

Wing Ship Marine Services Pte Ltd

Woh Hup (Private) Limited

Woon Brothers Foundation Pte Ltd Yahya Abdulhussain Lukmanji Saif

Charity Trust

Zhongguo Remittance Pte Ltd

Our Dedicated Volunteers

We are grateful to all our volunteers for their contributions and efforts to help our patients in their journey towards rehabilitation.





NKF's Volunteers' Appreciation Day 2018 Awards

Organisations/Religious Groups/Educational Institutions

5Cs

Advo Pte Ltd

Ahmad Ibrahim Secondary School Alpha Phi Omega Alumni Association of Singapore

Anchorvale CC Youth Executive Committee

Anderson Secondary School

Anglo-Chinese School (Independent) Bartley Secondary School

Bedok Methodist Church

Bedok View Secondary School

BLC Community Services

Boon Lay Secondary School

Bukit Panjang Zone 6 RC

Bukit Panjang Zone 7 RC Cedar Girls' Secondary School

Changkat Changi Secondary School

CHIJ Katong Convent

CHIJ St Nicholas Girls' School Chongzheng Primary School

Chua Chu Kang Zone '3' Residents' Committee

Ci Yuan Community Club Cognizant

Curtin University Singapore Campus Damai Secondary School East Spring Secondary School, National Cadet Corps Farrer Park Primary School Flexilight Powerwalk Gilead Sciences Singapore Pte Ltd Global Indian International School Good Shepherd Convent Kindergarten Gospel Baptist Church

Habitat for Humanity Singapore Holy Innocents' High School

HQ Republic Singapore Navy, Naval Personnel Department

Hwa Chong Institution (College Section)

Hwa Chong Institution, Handicrafts@NKF

IBM Singapore Pte Ltd Impact Life Church

Innovative Pest Management

ITE College West, School of Hospitality J.P. Morgan Chase



Organisations/Religious Groups/Educational Institutions

Jurong Spring Youth Executive Committee

Keppel Corporation Limited

Lintec & Linnhoff Holdings Pte Ltd

MacPherson Grassroots Organisations

MAD Learning Pte Ltd

Marsiling Secondary School

Marymount Kindergarten

Meridian Junior College

Methodist Church of the Incarnation

Miuvo Lifestyle Pte Ltd

Nanyang Polytechnic, Ambassadorial Team

Nanyang Polytechnic, Community Service Club

Nanyang Polytechnic, Diploma in Accountancy & Finance,

AF1701

Nanyang Polytechnic, LEO Club

Nanyana Polytechnic, School of Engineering

Nanyang Polytechnic, School of Health and Social Sciences

Nanyang Polytechnic, School of Information Technology

Nanyang Polytechnic, SEM Batch 28

Nanyang Polytechnic, The Communicators

National Cadet Corps, Regent Secondary School

NCC (Sea), Riverside Secondary School

Ngee Ann Polytechnic

NUS CSC Paint-A-Home XVIII

OOCL (Singapore) Pte Ltd

Paya Lebar Methodist Girls' School (Secondary)

Probation and Community Rehabilitation Service,

Ministry of Social & Family Development

Raffles Institution

Rotaract Club of Singapore

Sengkang Secondary School

Sengkang West Zone K Residents' Committee

Singapore Buddhist Youth Mission

Singapore Polytechnic

Singapore Polytechnic, School of Chemical & Life Sciences

SUTL Corporation Pte Ltd

Temasek Junior College

Temasek Polytechnic

The A.I.M. Therapy Pte Ltd

The New Charis Mission

The Northern Trust Company Singapore Branch

The TENG Ensemble Ltd (TENG Gives Back)

Toa Payoh Seu Teck Sean Tong

Woh Hup (Private) Limited

Xinmin Secondary School

Young Men's Christian Association of Singapore

5 Years Individual Long Service

Ahmat Bin Pagi

Chan Huey Li

Chan Lai Keen Annie

Chan May Ling Chua Jiat Loong

Fadlurrahman Bin Ngadiman

Goh Qian Xuan

Goon Thuai Kam Victoria

Helen Lam Lai Loo

Ho Yu Fong

Ho Zan wen

Hu Huan

Huang Xiuyi I Divya Rui-qi

Jean Ang Yee Mei Lin

Joanne Lee Ting Fong

Karam Singh

Khairudin Lina Syafiqah

Lee Mee Chiang

Lee Sok Kien Evian

Lee Wochou

Lee Zi Jin Leow Si Bin

Li Mei

Lim Jie Chona

Lim Samuel

Lim Siew Kim Lim Soh China

Ling Seow Jing

Loh Pui Shi

Lu Yuxin

Manugas Mary Kristine

Melody Koh Hong Peng

Michael Francis

Moreno

Nayak Dayanand Nayak

Nelson Lee

Ng Wei Yu

Ng Xin

Ng Zhe Ming Ong Geok Hong Lynn

Ong Isaac Ong Xin Yi

Pang Sin Guan Patrick Toh

Periyasamy Sasikumar

Poon Chun Kit Pradeep Kumar

Puthiyaveetil Mavila S Sri Roseni

S.A. Durai Tiruchelvam Santos Mary Rosemel

Navarro

Say Xian Jue Shi Wenbo Stevie

Sim Heng Lai

Stephen Kwang

Tan Boon Keat

Tan Cheng-keong

Tan Chew Hiang Tan Si Hui

Tan Wei Jing

Tan Woo Yong Tan Xin Le

Tan Yi Lin Tan Zee Chunn

Tana Guo Bin

Tang Hanlin

Teo Kiat Ping Teo Ying Hui

Theng Yong Yuan Tong Ai Ling Ellen

Wei Ling Ling

Wu Hoi



NKF has made every effort to ensure accuracy of the information. We apologise should there be any omissions or errors.

Thanks to our caring sponsors, NKF has been able to set up dialysis centres across Singapore, providing convenience and easy access to kidney patients living or working in the heartlands.

Dialysis Centres

Admiralty

The Hour Glass – NKF Dialysis Centre (Admiralty Branch) Blk 761, Woodlands Ave 6, #01-108 Singapore 730761

Aljunied

Hong Leong - NKF Dialysis Centre Blk 102, Aljunied Crescent, #01-265 Singapore 380102

Ang Mo Kio 1

Japan Airlines – NKF Dialysis Centre 17, Ang Mo Kio Ave 9, #03-01 Singapore 569766

Ang Mo Kio 2

Western Digital – NKF Dialysis Centre Blk 633, Ang Mo Kio Ave 6, #01-5155 Singapore 560633

Ang Mo Kio 3

Pei Hwa Foundation - NKF Dialysis Centre Blk 565, Ang Mo Kio Ave 3, #01-3401 Singapore 560565

Singapore Pools - NKF Dialysis Centre Blk 27, New Upper Changi Rd, #01-694 Singapore 462027

Bukit Batok

NTUC Income - NKF Dialysis Centre Blk 103, Bukit Batok Central, #01-237 Singapore 650103

Bukit Merah

The Singapore Buddhist Lodge -NKF Dialysis Centre Blk 128, Bukit Merah View, #01-22 Singapore 150128

Bukit Paniana 1

New Creation Church -NKF Dialysis Centre Blk 274, Bangkit Rd, #01-54 Singapore 670274

Bukit Panjana 2

Le Champ - NKF Dialysis Centre (Bukit Panjang Branch) Blk 275, Banakit Rd, #01-96 Singapore 670275

Clementi

Lew Foundation - NKF Dialysis Centre Blk 326, Clementi Ave 5, #01-175 Singapore 120326

Corporation

NKF Integrated Renal Centre (IRC) Supported by The Sirivadhanabhakdi Foundation 500 Corporation Road Singapore 649808

Ghim Moh

Woh Hup - NKF Dialysis Centre Blk 1, Ghim Moh Rd, #01-358 Singapore 270001

Hougang 1

Singapore Buddhist Welfare Services – NKF Dialysis Centre Blk 114, Hougang Ave 1, #01-1298 Singapore 530114

NKF Hougang – Punggol Dialysis Centre Blk 628, Hougang Ave 8, #01-108 Singapore 530628

Jurona West 1

Sheng Hong Temple - NKF Dialysis Centre Blk 744, Jurong West St 73, #01-19 Singapore 640744

Jurong West 2

NKF Dialysis Centre Supported by The Sirivadhanabhakdi Foundation Blk 940, Jurona West St 91, #01-441

Singapore 640940

Tay Choon Hye - NKF Dialysis Centre 81 Kim Keat Rd, Singapore 328836

Kolam Ayer

Kwan Im Thong Hood Cho Temple – NKF Dialysis Centre (Kolam Ayer Branch) Blk 43, Bendemeer Rd, #01-1018 Singapore 330043

Jo & Gerry Essery – NKF Dialysis Centre Blk 204 Marsiling Drive #01-188

Singapore 730204

Marsiling

Pasir Ris Tampines Chinese Temple -NKF Dialysis Centre Blk 180, Pasir Ris St 11, #01-06 Singapore 510180

NKF Dialysis Centre Supported by Naiam Kia Hum & Family 681 Punggol Drive Level 2 Punggol Polyclinic Singapore 820681

Queenstown

NKF Queenstown Dialysis Centre Blk 55 Strathmore Ave #01-145 Singapore 140055

Serangoon

Insurance and Financial Practitioners Association of Singapore (IFPAS) -NKF Dialysis Centre Blk 201, Serangoon Central, #01-30 Singapore 550201

Kwan Im Thong Hood Cho Temple -NKF Dialysis Centre (Simei Branch) Blk 101, Simei St 1, #01-892 Singapore 520101

Tampines 1

National Trades Union Congress/ Singapore Pools – NKF Dialysis Centre Blk 935, Tampines St 91, #01-333 Singapore 520935

Tampines 2

Wong Sui Ha Edna – NKF Dialysis Centre Blk 271, Tampines St 21, #01-99 Singapore 520271

Teck Whye

Leona Hwa Chan Si Temple -NKF Dialysis Centre Blk 113, Teck Whye Lane, #01-666 Singapore 680113

Toa Payoh

Singapore Airlines - NKF Dialysis Centre Blk 225, Toa Payoh Lor 8, #01-54 Singapore 310225 Ubi

Singapore 400311 Upper Boon Keng

Foo Hai - NKF Dialysis Centre

Blk 311, Ubi Ave 1, #01-383

Sakyadhita – NKF Dialysis Centre Blk 19, Upper Boon Keng Rd, #01-1220 Singapore 380019

West Coast

The Hour Glass – NKF Dialysis Centre (West Coast Branch) Blk 701 West Coast Rd #01-323 Singapore 120701

Woodlands 1 Thong Teck Sian Tong Lian Sin Sia -NKF Dialysis Centre Blk 825, Woodlands St 81, #01-30 Singapore 730825

Woodlands 2

SCAL - NKF Dialysis Centre (Woodlands Branch) Blk 365, Woodlands Ave 5, #01-490 Singapore 730365

Yishun 1

Toa Payoh Seu Teck Sean Tong -NKF Dialysis Centre Blk 203, Yishun St 21, #01-239 Singapore 760203

Le Champ – NKF Dialysis Centre

(Yishun Branch) Blk 639, Yishun St 61, #01-168

Singapore 760639

Yishun 2

Yishun 3 SCAL – NKF Dialysis Centre (Yishun Branch) Blk 840, Yishun St 81, #01-382 Singapore 760840

The National Kidney Foundation's Annual Report 2018/19 is a comprehensive summary of our activities and efforts throughout the year.

As a community care integrator, we embed ourselves in the community, working hand in hand with our partners in providing seamless, integrated renal care to meet the ever-evolving needs of kidney patients. We also bring kidney health education to the masses to prevent kidney failure.













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