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Annual Report 1 July 2022 - 30 June 2023

# Our Journey Takes Flight

Fuelled by your unwavering support, our journey soars ahead as we navigate through an evolving renal landscape. We remain committed to enhancing delivery of life-saving dialysis care while propelling towards greater heights in treating, managing and preventing chronic kidney disease.

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Our Dialysis Centres Islandwide for Convenience and Easy Access

As kidney failure's prevalence rises, NKF remains committed to innovating and inspiring collective action. Our shared responsibility will drive our renal care programme forward, offering Life & Hope to kidney failure patients while empowering the larger community to prioritise kidney health. Together, as we progress in our *Future Forward 2030 journey*, we envision a brighter, healthier and more resilient society on the horizon.

# Journeying On with You

# Message from Our Chairman & CEO

The year 2022/23 has been a momentous and fruitful chapter at NKF, as we propelled forward and achieved much through our **two-engine strategy**, **Future Forward 2030**.

Amidst this remarkable year, our focus on the **'Taking Treatment to Full Potential' strategy within Engine 1** has led to an extraordinary milestone. We have provided over 650,000 life-saving dialysis treatments across our 41 community-based dialysis centres islandwide. While extending lives remains crucial, our core mission lies in empowering and enabling each patient to embrace life's potential. Patient empowerment stands as the cornerstone of our shorter-term Engine 1 strategy, driving our commitment to enhance lives beyond more extension.

Our achievements speak volumes. An astounding 99% of our patients achieving desired outcome from receiving adequate dialysis, showcasing our dedication to exceptional clinical care. Additionally, a noteworthy 94% of patients have thrived through their first year of dialysis, marking significant milestones in our pursuit of exemplary patient care.

Our Renal Rehabilitation Programme aims at fostering positivity throughout each patient's journey. We empower them to take ownership of their lives, which includes managing their condition independently for better outcomes and quality of life. While patients are encouraged to take responsibility for their treatment and care, they are not alone. Taking on a multidisciplinary, person-centric approach to provide continuum of care, our renal doctors and nurses work hand in hand with allied health professionals such as social workers, dietitians, therapists and exercise specialists. Together with patients, caregivers and next-of-kin, the team ensures seamless, effective and compassionate care addressing the full spectrum of health needs from prevention to end-of-life care.

Amidst the need to expand in-centre dialysis capacity, we remain committed to promoting home care peritoneal dialysis (PD). Collaborating closely with the Ministry of Health (MOH) through the National PD Home Support Programme (NPDHSP), our PD team empowers patients with the skills and knowledge to effectively manage their treatment at home.

However, a looming concern demands urgent attention. New cases of kidney failure, also known as stage 5 chronic kidney disease (CKD), has surged by a staggering 42 per cent over a decade, from 1,587 in 2011 to 2,249 in 2020. Diabetes and high blood pressure are the leading causes. The prevalence of CKD has also risen significantly, from 8.7 per cent in the 2019 to 2020 period to 13.8 per cent in 2021 to 2022. This means that about half a million Singapore residents are now grappling with the disease and are at higher risk of progressing towards kidney failure.

We acknowledge the pressing need to do more. Hence, we have made strides forward through **Engine** 2, which is our medium- to long-term strategy that focuses on upstream education and prevention to help people understand the importance of a healthy

# lifestyle, while at the same time, leveraging on research and innovation to advance renal care.

Many might be unaware of their CKD due to its silent symptoms, underscoring the vital need for kidney screenings. Our CKD Intervention Programme has screened over 600 at-risk individuals, detecting the disease early for timely intervention and management.

We have redoubled our upstream efforts in education and prevention of kidney disease by working very closely with all stakeholders in the community to reach out to people of all ages. More than 214,000 individuals have been reached through our various upstream efforts, emphasising the risks of kidney failure and motivating the adoption of healthy lifestyles as preventive measures.

The recent collaboration with Channel News Asia documentary has sparked vital conversations and the urgent need to pay close attention to our kidneys. All it takes is a request for a kidney function test from your family doctor. This simple procedure involves a straightforward blood test and urine test, essential steps in combating CKD. By embracing proactive measures like regular kidney screenings, mindful eating and regular exercise, we can halt the relentless advance of this 'silent killer' and safeguard the wellbeing of our community.

As kidney failure's prevalence rises, NKF remains committed to innovating and inspiring collective action. Our shared responsibility will drive our renal care programme forward, offering Life & Hope to kidney failure patients while empowering the larger community to prioritise kidney health.

We continue to provide all-round support to help patients get back on their feet, stay connected to the world, and lead purposeful lives. Understanding the profound impact of chronic diseases fuels our drive to advance renal care through innovation. As the leader in renal care, we leverage patient data, a robust network of dialysis centres and resources to collaborate on research and innovations. To this end, NKF will contribute \$5.5 million to establish the SGH-NKF Renal Research Partnership, focusing on CKD retardation and prevention, innovative renal replacement therapies, and enhancing psychosocial well-being for patients and caregivers.

We extend our heartfelt gratitude for embarking and persisting on this journey with us. **Together**, as we progress in our *Future Forward 2030 journey*, we envision a brighter, healthier and more resilient society on the horizon.

Arthur Lang

Chairman

Tim Oei

Chief Executive Officer

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**Rising Trend of NKF's Kidney Patient and Beneficiary Population** 

# Taking Treatment to Full Potential

While we relentlessly strive to provide sustainable treatment to kidney failure patients under our care, we remain steadfastly committed in our quest to take treatment to its full potential and drive greater impact through our existing core functions. These functions encompass: empowering and enabling our dialysis patients and their families to lead better quality lives; constantly reviewing our processes and operational efficiency to ensure we have adequate manpower and resources to run our dialysis centres; and further strengthening our integrated care to better meet the myriad needs of patients.

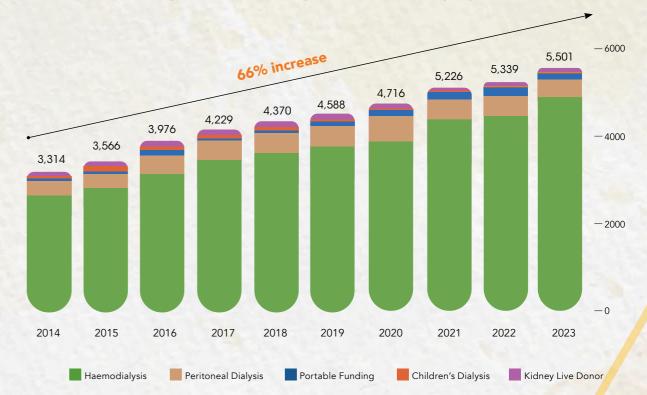
**\$142.8 million** expended for dialysis, medication and auxiliary services

6.00

Our network of 41 purpose-built dialysis centres islandwide, Children's Kidney Centre at the National University Hospital (NUH) and portable funding scheme support patients who choose in-centre haemodialysis (HD), which is done at the community-based centres. For patients who opt for home-based peritoneal dialysis (PD), our PD Home Support Programme enables them to carry out the treatment by themselves at home. NKF's Kidney Live Donor Support Programme supports patients and kidney donors for kidney transplant, which will help to turn patients' lives around.

A total of 5,501 patients and beneficiaries – up by 162 compared to the last financial year – benefitted from our various dialysis services. The total cost of providing dialysis, medication and auxiliary services amounted to \$142.8 million, a 4% increase.

Of the \$10.2 million in patient welfare subsidies, \$9.3 million went towards transport subsidies for bus, train, taxi, ambulance, van and dialysis escort assistance expenses for needy patients who require special transport services to and from dialysis centres.



# **Total Programme Cost to Support Patients and Beneficiaries**

		Total Number of Patients and Beneficiaries			Programme Costs (\$'000)		
F	Programmes	As at 30 Jun 2023	As at 30 Jun 2022	Change (%)	Year ended 30 Jun 2023	Year ended 30 Jun 2022	Change (%)
ŀ	Haemodialysis	4,595	4,406	4%	126,920	120,652	5%
F	Peritoneal Dialysis				1,350	1,507	-10%
F	Portable Funding	259	309	-16%	2,995	3,864	-22%
(	Children's Dialysis including funding to Children's Kidney Centre)				1,187	1,707	-30%
ŀ	Kidney Live Donor	106	99	7%	175	100	75%
					132,627	127,830	4%
F	Patient Welfare				10,204	9,569	7%
	Total	5,501	5,339	3%	142,831	137,399	4%

**Our Flying Journ** 



# Caring for in-centre haemodialysis

# patients

We provided more than 650,000 life-saving dialysis treatments to 4,595 kidney failure patients at our 41 community-based dialysis centres across the island, and they are cared for by 912 dedicated medical and allied health professionals and support staff, who provide them with holistic care. A total of \$126.9 million was spent on treatment and all-round care for the financial year.

# Over 650,000

life-saving dialysis treatments provided, enabling patients to live life with purpose

# Pursuing quality outcomes with haemodiafiltration

In our unwavering drive for better patient outcomes, NKF provides another form of dialysis called haemodiafiltration (HDF). Studies show that HDF, a process similar to HD, 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. We are progressively equipping more and more dialysis centres with HDF machines and currently have 20 HDF machines at 10 dialysis centres to benefit patients.

# Enhancing the lives of patients on nocturnal dialysis

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

Photo: Singapore's biggest dialysis facility at our Integrated Renal Centre, which also serves as a national dialysis centre to support Covid-19 patients when needed. Attaining Excellent Clinical Outcomes in Haemodialysis

# 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

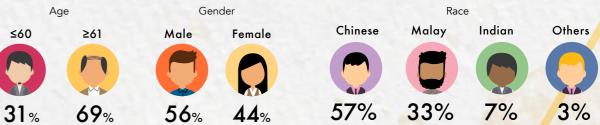
# 94%

patient survival rate in the first year

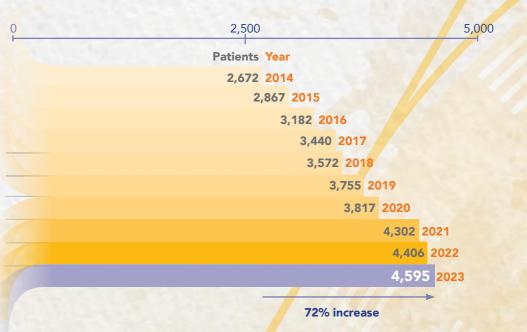
# 93%

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

# **Profile of Haemodialysis Patients**



# **Rising Trend of In-centre Haemodialysis Patients**



# North

204 Marsiling 365 Woodlands 761 Woodlands 825 Woodlands 203 Yishun 639 Yishun 840 Yishun Yishun Community Hospital

# North-East

565 Ang Mo Kio 633 Ang Mo Kio 114 Hougang 628 Hougang Punggol Oasis Terraces 201 Serangoon

# East

105 Bedok 27 New Upper Changi 180 Pasir Ris 427 Pasir Ris 101 Simei 271 Tampines 935 Tampines

# Central

102 Aljunied 43 Bendemeer 128 Bukit Merah 1 Ghim Moh NKF Centre 55 Strathmore 225 Toa Payoh Toa Payoh West CC 311 Ubi 19 Upper Boon Keng

# West

274 Bangkit 275 Bangkit 103 Bukit Batok 326 Clementi IRC Level 1 & 2 240C Jurong East 744 Jurong West 940 Jurong West 113 Teck Whye 701 West Coast

# Dialysis Centres Ensuring Accessibility & Availability



# Our strategy for capacity building

Ensuring accessibility and availability of dialysis is critical to our mission at NKF. We make every possible effort to ensure that those who need it has access to it. We constantly review our capacity plan. We study demand projection and collaborate closely with the relevant authorities to strategically locate centres in the right locations.

For dialysis centres that are 20 years or older, they will be renovated in phases, with better-designed spaces and latest technology to improve the patient experience. This includes expanding floor size to cater for more dialysis stations; new air-conditioning system that removes airborne pollutants and allergens; and creating a healthier environment for patients with respiratory issues and allergies. The upgrades will also help care teams be prepared for future pandemics and meet the increasing demand for dialysis.

# Our new dialysis centre

NKF Dialysis Centre Supported by TL Whang Foundation @ 427 Pasir Ris

- Started operations in September 2022
- Made possible with a generous \$2 million contribution from TL Whang Foundation and Mind the Gap 200 Fund
- Equipped with 22 dialysis stations serving up to 132 patients

# Our dialysis centre with expanded capacity

NKF Dialysis Centre Supported by Toa Payoh Seu Teck Sean Tong @ 225 Toa Payoh

- Expanded patient capacity by 50% from 14 to 28 dialysis stations, serving up to 168 patients
- Made possible with a generous \$2.2 million donation from Toa Payoh Seu Teck Sean Tong towards the refurbishment cost

# NKF Dialysis Centre Supported by Singapore Buddhist Welfare Services @ 114 Hougang

- Expanded patient capacity by 33% from 27 to 36 dialysis stations, serving up to 216 patients
- Made possible with generous contributions from Singapore Buddhist
  Welfare Services towards the refurbishment cost

# Portable funding helps patients in private dialysis centres

Through our Enhanced Portable Funding, we provide subsidies for patients dialysing at private dialysis centres while they wait for a suitable dialysis slot to be available at NKF.



923 total number of dialysis stations

5,538 patient capacity

**\$4.2 million** to upgrade and replace medical instruments and equipment

\$3.0 million subsidies given out

259 beneficiaries



# Supporting young patients' holistic treatment and care at Children's Kidney Centre

NKF continues to play a crucial role in supporting the Children's Kidney Centre (CKC) to help children and young persons with kidney disease and ensure none of them fall through the cracks. Our support for a variety of treatments related to their kidney disease has helped ease the financial burden of having not only a lifelong chronic condition, but also the added complexity of childhood onset with its implications on growth and development through the following ways.

- Offers both HD and PD options which is important, as changes in dialysis modality do not require them to seek treatment at another place. As these young children require lifelong dialysis treatment, the support also helps the parents, especially where there are insufficient resources for MediShield premiums which would aggravate the family's financial difficulties.
- Focuses on chronic kidney disease management to not only provide medications for the treatment of the primary disease, but also to prevent long-term medical, physical and psychosocial complications, as well as increasing disease burden and healthcare costs as they reach adulthood, so that they will be able to have a better quality of life and similar opportunities as their peers.

**\$1.2 million** funding for Children's Kidney Centre and its core programmes

- Alleviates the cost of a transplant to help relieve the financial burden on the parents. These parents are also often financially "sandwiched" as they have to provide for the siblings of the patients and also their own elderly parents who might be dependent on them, leaving limited MediSave balance for themselves.
- Helps those who have or are at risk of developing diabetes through programmes that support prevention, such as the insulin pump programme.
   Patients who have developed drug-induced diabetes as a result of their transplant are also wellsupported.

# Promoting home care peritoneal dialysis

# Providing comprehensive home care PD support

NKF remains strongly committed to providing comprehensive home care for supporting peritoneal dialysis (PD) patients. We work closely with the Ministry of Health (MOH) through its National PD Home Support Programme (NPDHSP), an initiative which it funds, to provide support for PD patients at home. Under NKF NPDHSP, our PD team assesses patients' home environment, facilitates transition from hospital to home, addresses any potential challenges or concerns, as well as provides hands-on guidance and education on PD-related procedures to empower them with the necessary skills and knowledge to manage their treatment effectively. A total of 158 patients enrolled in NKF NPDHSP and our PD team conducted 348 home visits to support PD patients in the comfort of their homes.

# Improving quality and efficacy of PD care through holistic approach

NKF's PD team introduced several enhancements and exclusive services in conjunction with NPDHSP to improve quality and efficacy of care. Our PD team conducts clinical outlier analysis and regular phone call follow-ups with patients, as well as provides nutritional and fall risk assessments and education to enhance patients' self-care management. For greater convenience and seamless care to patients, the administration of medications through the abdominal (peritoneal) cavity is included as part of the enhancement service during routine home visits. This holistic approach enhances patient confidence and promotes successful long-term PD care.

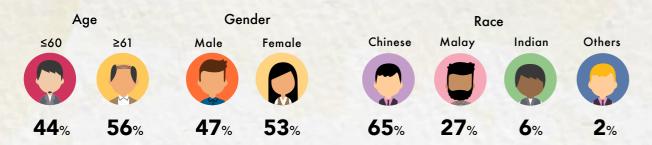
# **PD Support Group**

Calling themselves the PD Warriors, the PD Support Group continues to support each other for better health literacy, alleviate psychosocial issues and enable community bonding amongst patients and staff. The PD Warriors collaborated with external healthcare partners to better meet the needs of PD patients. A new educational mobile app called PD Together App – developed by Baxter Healthcare and SGH nephrologists – provides patients and caregivers with easy access to training videos while they are onthe-go, which helps to further build their confidence in managing PD treatment at home. More than 95 patients have benefitted from the PD Support Group.





### **Profile of Peritoneal Dialysis Beneficiaries**



# **Rising Trend of Peritoneal Dialysis Beneficiaries**

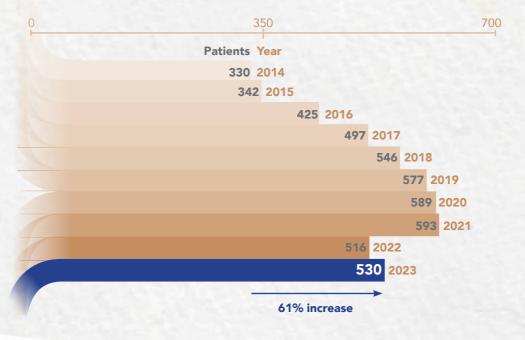
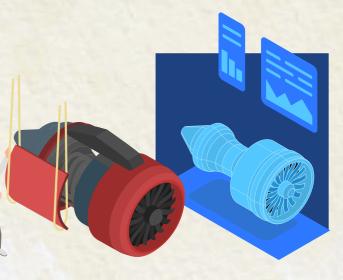


Photo: Ms Pauline Chew, a full-time working mother of two kids, chose home care peritoneal dialysis (PD) because it has given her the freedom to choose how she lives her life, without disruption from having to spend hours in the dialysis centre during the day.

# Living kidney transplant greatly improves quality of life

Kidney failure is a debilitating chronic disease that affects all areas of a patient's life. Many patients have found their quality of life to be greatly compromised and their activities limited. For example, many patients find it challenging, if not impossible, to travel overseas. They have to plan their daily activities around their dialysis schedules. They have dietary restrictions and also have to limit their daily fluid intake to only around 500ml. Moreover, while dialysis cleanses and removes toxins from kidney patients' blood and keeps them alive, it cannot replace all the functions of the kidneys, such as the production of vitamin D to maintain bone health. Kidney transplant is the best option for kidney patients' long-term survival as the transplanted kidney can almost fully substitute the lost functions of the failed kidneys and allows patients to lead a normal life. Studies have shown that living kidney donors would still be able to lead normal lives after the surgery, and that the remaining kidney is able to take over the functions of both kidneys.





NKF's Kidney Live Donor Support Fund encourages more living donors to donate kidneys to their loved ones through the provision of financial assistance and support.

# 106

applicants have received support since the inception of the Fund.

# Transplant Support Group

NKF initiated a Transplant Support Group where patients meet online regularly to share common concerns that they face such as psychosocial issues, as well as support one another. It also helps prepare pre-transplant patients and their live donors for their upcoming transplant procedures. Transplant physicians and allied health professionals support the group by sharing transplant-related topics and addressing their concerns. The group leaders also support the Know Right Start Right programme by sharing their transplantation journey and coping strategies. About 35 patients have benefitted from the support group.

"I donated my kidney more than 20 years ago to save a friend's life. Today, I continue to enjoy a healthy lifestyle, going for marathons and runs often in the spirit of raising awareness or donations for good causes too!"

Mrs Mercy Quinn



# <image>

# **A Second Chance at Life**

Five years ago, doctors told Mdm Aw Ah Moy that her kidneys were failing but she refused to go for dialysis. At 70, she did not want to put herself through more pain and suffering and stopped going to the doctor. Eventually, she had a heart attack and collapsed. With much family support and encouragement, she decided to live a purposeful life after this traumatic episode and started dialysis in NKF. With the quality treatment and care that she receives, her health condition has stabilised. She has more energy and feels livelier. Her dialysis treatment is heavily subsidised by NKF to relieve her family from the financial burden.

Having to live with kidney failure is not easy and many patients are overwhelmed with sadness, anger, anxiety and depression. Some even want to give up on life. That was one of the reasons why Mdm Aw decided to become a patient volunteer. She visits other dialysis centres to befriend patients and offer them moral support. She feels that it is easier for them to relate to her because she has been through similar trials and tribulations as a dialysis patient. Mdm Aw's grandson has been a pillar of strength throughout her illness, always encouraging her to stay strong or not to shed tears. Now 75, her biggest wish is to keep fighting on courageously so that she can witness the milestone of his life – getting married and setting up his own family.

Being inflicted with kidney failure brought me new perspectives. It is important to stay positive and resilient.

# Living a Simple and Active Life

On haemodialysis since 2006, Mdm Marisa Lee, 59, switched to haemodiafiltration (HDF) in 2020 after being told by the doctor that she was medically suited for it and learnt of its benefits. HDF is a type of dialysis treatment which improves middle molecules clearance, in addition to removing small molecules.

Since then, Mdm Lee has been faring well on this form of treatment. She has better stability of blood pressure, feels less tired and has a good appetite. She had a fall about three years ago and fractured her hip, but this did not deter her from continuing to keep fit after her recovery. She continues to try her best to stay physically active by using the fitness equipment at the park near her home, as well as following exercises on YouTube and simple workout tips given by NKF's exercise specialist for her to do at home. Living with her sister who works, Mdm Lee helps out with the grocery shopping and does simple cooking to keep herself busy and mentally alert. She is happy that she can lead a simple, normal and active life. I feel happy and energetic. I try to stay as active as possible for my physical and mental well-being. The good treatment I'm getting helps me achieve this.



Mr Abdul Rahim Mohd Rashed, 53, has been on dialysis since 2016 after being diagnosed with kidney failure. About a year later, he switched from haemodialysis to nocturnal dialysis as the slower therapy, due to its longer hours, results in less fluctuation in blood pressure and less stress on the heart. It also has less side effects like giddiness and cramps. Since starting these longer dialysis sessions, his phosphate and fluid levels have also improved.

The overnight dialysis while he sleeps also suits him well as it does not interfere with his work schedule during the day as a driver for a renovation company. He feels more perky and refreshed in the morning, which helps him to focus on his work from 8am to 6pm. He also needs to carry materials as part of his job, and he is able to do this without tiring out easily. Doing dialysis overnight enables me to have a fulltime job in the day, which also helps to keep my mind occupied. I have ample time to rest before and after my night dialysis, and I'm able to concentrate on my job.

# **Optimistic About the Future**

Mr Kenneth Ng, 44, clearly remembers the day when he was told he had kidney failure. He felt lost and hopeless, followed by many sleepless nights not knowing what the future would hold for him. The hospital doctor recommended peritoneal dialysis (PD) so that he can easily carry out his treatment on his own in the comfort of his home and encouraged him to join NKF's PD Support Group where members can share their experiences with him.

After visiting the home of a support group member and saw how he carried out the needle-free PD procedure with ease, Kenneth made up his mind to choose this home-based treatment. This also means that he does not have to travel to a dialysis centre for thrice-weekly haemodialysis (HD) and disrupt his work as a centre manager in a day care centre, a job he has held for the past 10 years.

Since undergoing dialysis in July 2023, Kenneth continues to lead the active lifestyle he enjoys like exercising daily, going hiking and travelling overseas like visiting his mother in Malacca and holidaying with friends in Bangkok. He is able to carry out his PD procedure conveniently while travelling by doing another form of PD using the PD bag system, which

is aided by gravity. He only needs to bring along the PD solution with him. Kenneth now looks forward with great positivity as he continues to lead the life he wants to.

I chose PD because I can easily carry out the treatment daily in the comfort of my home without disruption to my day work and continue to enjoy the outdoor lifestyle like exercising, hiking and travelling. I feel optimistic about my future.



# **A Promising Future**

Eight-year-old Hannah Phoa had to undergo dialysis for up to 14 hours every day as well as be tube-fed not long after she was born due to a rare disorder. She had Denys-Dash syndrome, where scar tissue form throughout the tiny blood vessels in the kidneys that filters waste from blood. The condition is characterised by kidney failure, usually before the age of three.

For her parents, Ms Leong Wei Yee and Mr Desmond Phoa, a kidney transplant for Hannah was always the goal. In fact, both were found to be suitable donors. After the couple weighed all the considerations, it was decided that Ms Leong would donate her kidney to Hannah. So, at the age of five, when Hannah gained enough weight for the surgery, the transplant was carried out in January 2021.

"It was an automatic decision. I wanted to give Hannah a better quality of life and be happy. It was a blessing to give her my kidney and a new lease of life," said Ms Leong. Both mother and daughter are doing well. Ms Leong and her husband are thankful that they are able to benefit from NKF's Kidney Live Donor Support Fund, which helps defray the cost of post-transplant expenses like medical check-ups and medication.

My kidneys weren't working well before. My mum was generous and gave me one of her kidneys. I was so excited the day the dialysis machine at home was given back to the hospital. I didn't need dialysis any more! Having a chronic illness like kidney failure, patients need to go on lifelong dialysis to sustain their lives, and it is a life-changing experience at multiple levels. They are overwhelmed with sadness, anger, anxiety, depression and financial difficulties due to job loss. This is coupled with the disruptions to their daily lives, time and physical toll that dialysis treatments have on them.

Patient Empowerment

To help patients overcome these barriers, many studies have shown that self-care is an imperative tool in engaging and empowering patients, especially in the long-term care and chronic diseases setting, which results in better treatment outcomes and quality of life. Once patients are allowed to make autonomous decisions and embrace proactive self-care behaviours such as monitoring their conditions independently, following doctor's prescription and advice, eating right and exercising when appropriate, their treatment outcomes are likely to improve.

# Renal rehabilitation programme

To help patients achieve the above, NKF has a comprehensive renal rehabilitation programme that focuses on the 5Es, which is an essential part in empowering dialysis patients to take ownership of their long-term dialysis care journey and manage their dialysis treatment and its associated complications.

"Through this integrated approach in dialysis treatment and holistic care where doctors, nurses, social workers, dietitians, therapists and exercise specialists work closely hand in hand, dialysis patients have a greater sense of worth, are able to get back on their feet, lead fulfilling lives, and contribute to their families and the society."

Ms Pauline Tan, NKF's Deputy Director of Nursing

# 5Es

• Education The more patients learn about their illness and

its treatment, the better they will be able to manage it.

# Exercise

Patients exercise regularly to get more energy and make their general health and outlook better.

Encouragement

Through centre-based activities, patients develop a strong culture and "kampung spirit" through social interactions. Patient buddies are encouraged to take the lead and influence other patients to do the same.

Employment

Patients strive to keep their jobs to build their self-esteem, identity, independence and sense of accomplishment.

Evaluation

The outcome of the programme will be determined through the Kidney Disease Quality of Life evaluation, which assesses patients' quality of life before and after the programme.



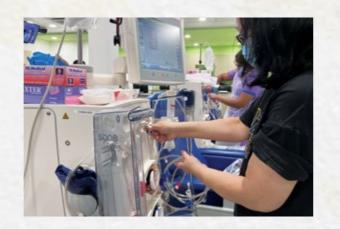


# <sup>new</sup> Self-care management

NKF initiated a patient self-care management (SCM) project with a focus on rehabilitation and empowerment. Patients are being educated and trained in essential skills such as weight checking, proper handwashing, access arm washing and the preparation of consumables for the commencement of HD. This will be followed by teaching patients to prime the bloodline and eventually culminating in the self-cannulation of the arteriovenous fistula. This transformative initiative aims to instill a sense of control, dignity, and hope within patients. By fostering a learning partnership and cultivating mutual trust with the healthcare team, the approach ensures that patients are in control of their own care, thereby facilitating renal rehabilitation.

# **Know Right Start Right programme**

Know Right Start Right (KRSR) is a pre-dialysis education programme targeted at patients in the advanced stages of chronic kidney disease and their caregivers. Through collaboration with public healthcare institutions and community partners, the interventions provided by KRSR aim to reduce the number of patients with unplanned/emergency dialysis by easing them into the treatment regime with continuous support. 219 patients benefitted from KRSR interventions.



# My Dialysis Journey

To help patients with chronic kidney disease find a treatment option that best fits their lifestyle and preferences, "My Dialysis Journey" was launched. The programme is led by a group of dedicated patient volunteers who understand the challenges of dialysis and kidney failure and share similar experiences. Sessions are held quarterly, and more than 80 patients and their families benefitted from the programme.

# Life@DC

To many dialysis patients, NKF's dialysis centres (DCs) are their "second home". Every week, they come to the centre three times for their four-hour treatment. To encourage and empower patients to lead a purposeful life at the DC, forge a deeper relationship among patients and DC staff, and create a kampung spirit and camaraderie with one another, Life@DC was conceived.

Through Life@DC, NKF's multidisciplinary team of allied health professionals such as social workers, dietitians and exercise specialists, as well as community partners, support patients to build an empowering community from the ground up - for patients and by patients. This kampung is built on a strong foundation of care for one another; a communal space for patients to gather and make it their own; the forging of strong bonds and social integration through meaningful and engaging therapeutic activities; and the sharing of cherished moments and celebration of key occasions together. Activities and outings are co-led and codriven by "NKF Kakis", exemplary individuals who spend valuable time and effort in crafting suitable activities for their fellow patients. About 80 patients were recruited as "NKF Kakis". This endeavour has garnered the participation of 1,760 patients.



"Life@DC activities have been fun and creative. It has enhanced and benefitted my dialysis journey by helping me to live in the moment and enjoy the life I have. I now feel encouraged to look on the brighter side of life and have a positive mindset!"

Ms Susan Chua (left), who is empowered to lead a fulfilling life through Life@DC



# **EMPower - patient employment** programme

Recognising that many dialysis patients seek financial independence but struggle to find jobs because of their health condition and treatment schedules, NKF's employment programme EMPower helps to link patients to suitable jobs that can accommodate their dialysis schedules through our list of collaborating employers. For those who require training, NKF also helps equip them with relevant skill sets and exposes them to new areas of work such as at our Kaki Corner café, which equips patients with F&B skills. Through EMPower, patients are empowered to take greater control and ownership of their lives, enabling them to have a greater sense of self-worth and self-confidence and be self-reliant. This is crucial towards their rehabilitation and reintegration back into society. We provided 102 job referrals to patients with 59 successful link ups, with employers offering flexible working hours and special concessions.

# **Enhanced Grains of Hope**

NKF's Enhanced Grains of Hope (EGOH) is a home intervention programme helmed by volunteers to support needy patients by providing emotional and mental support during their home visits on a monthly basis. The programme supports 26 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 reconnect and reintegrate into the community through the help of volunteers.

"Through volunteering in the EGOH programme, I'm glad to have the opportunity to make friends with patients and I'm just happy that I can do a small part to help someone in need in very practical ways."

# Ms Lee Siew Lin

Part-time consultant and volunteer since 2014, who provides emotional and social support to a dialysis patient through EGOH

Our patient baristas were happy to brew Minister Ong Ye Kung a cup of coffee at Kaki Corner café when he visited NKF's HQ in August 2022. Kaki Corner is a training and internship progamme to equip dialysis patients with F&B skills. It comprises 20 hours of training at the café and 100 hours of internship with external cafes. 21 patients joined as trainees, and some have already taken up barista positions at café outlets islandwide.

# **Diet counselling and intervention**

It has never been easy to adopt a balanced diet, and this has become more challenging for dialysis patients as they need to follow certain diet restrictions. Hence, diet counselling becomes very important to support them in making these difficult changes. A total of 2,798 patients who have nutrition-related problems received timely diet counselling and intervention and 2,329 patients have benefitted from oral nutrition supplements to improve their diet quality.



"The care team like dietitians are very kind in taking care of me and hearing my needs. I have now improved a lot after following their advice to take more protein and nutrition supplements."

Mdm Rafiah Aspagi, who is benefitting from the diet counselling



"I was hospitalised for a month due to a stroke and I lost a lot of my lower limb strength. After coming to exercise regularly with guidance from the exercise team, my strength has greatly improved, and I feel much more positive in my life."

Ms Widya Tania, who is benefitting from the exercise programme

# Exercise care plan

Multiple exercise platforms such as home-based exercise care plans, intradialytic exercises, exercise counselling, in-centre exercise classes and seasonal sport event have been carried out by our exercise specialists to provide a holistic exercise approach for dialysis patients. More than 50% of dialysis patients had participated in either one or more of the exercise platforms.

# **Occupational therapy**

NKF's Occupational Therapy (OT) team provides assessments and interventions to support patients in managing their Activities of Daily Living (ADL) such as dressing and showering. This helps the patients to continue living well in their communities and maintaining their roles as spouse, parent or even a friend. The OT team covers aspects such as assessment and prescription of assistive devices (such as wheelchairs and Personal Mobility Aids), application of Home Caregiving Grant, home modification advice and application of HDB EASE programme, caregiver training, tailored ADL & Instrumental ADL training (such as taking public transport and cooking) as well as falls risk management. More than 500 patients benefitted from these care programmes and services.

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# Supporting Clinical Research and Medtech



# Clinical study on the use of ultrasound in haemodialysis treatment

NKF is carrying out a pilot project on the use of an ultrasound scanner in haemodialysis treatment as it can better visualise the blood vessels, which in turn can help determine the best area for cannulation. This facilitates less traumatic cannulation of access, reducing incidences of infiltration, hematoma and aneurysm formation, loss of access and hospital admissions. This leads to improved long-term patency of vascular access, better quality of life for patients and reduced cost to the healthcare system. Upon completion of the pilot project, NKF aims to implement the use of this technology in our daily care of dialysis patients for better treatment outcomes.

# Smart decision aid tool for endstage kidney disease palliation (STEP)

NKF collaborated with DUKE-NUS with the aim to develop an interactive web-based Smart Decision Aid Tool. It will be designed based on the findings from environmental scan of the current educational materials in Singapore and other countries and qualitative interviews with dialysis patients who are eligible for palliative care, their family members and health care providers (HCPs) who consult these patients. The tool will help HCPs facilitate discussions about dialysis withdrawal with patients and their family caregivers. It has the potential to improve communication between patients, caregivers and HCPs, improve patient quality of life at end of life (EOL), and help family caregivers experience better bereavement adjustment.

# Scaling Up Adoption of Medical Intervention

# Clot busting procedure done at dialysis centres benefits patients

NKF collaborated with the Ministry of Health, National Improvement Unit (NIU) and several Public Health Institutions in an initiative to unblock malfunctioning Tunnelled Haemodialysis Catheter (THC) using Alteplase through a "clot busting" procedure. Singapore General Hospital (SGH) has developed a clinical protocol and a train-the-trainer framework which allows NKF to train its nurses in administering the treatment to clear patients' catheter when blocked. A total of 100 nurses across all NKF dialysis centres have been trained, which have benefitted 23 patients since the initiative was implemented in December 2022. It turned a one-day hospital admission to a procedure done at a dialysis centre which resulted in not only costs and time savings, but also freed up hospital beds for other critical needs. Taking care of the clot early also results in fewer treatment interruptions, thus ensuring dialysis adequacy and preserving patients' quality of life.

# Introduced plastic cannula to benefit nocturnal patients

Haemodialysis requires cannulation (needling) every treatment and metal needles are traditionally used. NKF introduced the use of plastic cannula to assist nocturnal dialysis patients, reducing pain and discomfort caused by the arm movements during dialysis treatment while patient is asleep. This ensures a more peaceful and uninterrupted rest for patients. It also minimises the risk of cannula displacement or needle penetration, enhancing patient comfort during treatment.



# Improving Quality and Efficacy of Kidney Care in Singapore

# Creating Stronger Regional Connections

# Strategic collaboration with Tzu-Chi for better renal care

NKF collaborated with Tzu-Chi Foundation (TCF) to provide six weeks of training from April 2023 to its first batch of nurses and staff and equip them with the necessary knowledge and skill sets to operate its flagship community-based dialysis centre at Buangkok. NKF undertook the design and curation of a training programme that consists of knowledge sharing, on-site training and consultation in the areas of infrastructure, operations and administration. This strategic partnership between the two charitable foundations is a vital move in ensuring that no kidney failure patient in Singapore is deprived of dialysis, in the light of the number of kidney failure cases rising at an alarming pace in Singapore.

# President's Certificate of Commendation (Covid-19)

NKF was honoured to receive the President's Certificate of Commendation (Covid-19) as part of the 2022 National Awards (Covid-19) given to individuals and teams in recognition of their public spirit and contributions to Singapore's fight against Covid-19. It is an affirmation of all our staff's selfless sacrifices, dedication and spirit of resilience during this tumultuous time. This includes the safe and crucial delivery of around 1.5 million life-saving dialysis treatments for well over two years since the start of the pandemic in early 2020 and serving as a national dialysis centre to care for all dialysis patients.



Mr Tim Oei, CEO of NKF, received the certificate on behalf of NKF from then-President Halimah Yacob at a ceremony on 18 June 2023.

# President's Award for Nurses 2023

Ms Pauline Tan, deputy director of nursing at NKF, was among three nurses to be conferred with this prestigious award at a ceremony held at the Istana on 28 July 2023. It is the highest accolade in the nursing profession, given in recognition of nurses who have made significant contributions to the profession and the community, while also displaying outstanding competency, leadership and innovation. Pauline is the first NKF nurse and only among 93 to be honoured since the inception of the award in 2000.



From left: Mr Ong Ye Kung, Minister for Health; Ms Pauline Tan, Deputy Director of Nursing, NKF; then-President Halimah Yacob; and Ms Paulin Koh, Chief Nursing Officer, Ministry of Health.

# Kidney Care Conference - re-thinking kidney care

With a pressing need for a paradigm shift in delivering renal care and empowering kidney patients to manage their condition, NKF's 4<sup>th</sup> Kidney Care Conference was themed Re-thinking Kidney Care in Singapore. Held on 6 May 2023 at the NKF Centre, it covered multidisciplinary insights into the transformation and integration of CKD care for the future. More than 270 medical, nursing and allied healthcare professionals, including delegates from Southeast Asia, exchanged knowledge and best practices on renal care.



"It is heartening to know that NKF has also been doing so (improving Singapore's healthcare), by acquiring new knowledge, sharing good practices, adapting to new needs, and collaborating with partners to provide better care for kidney failure patients. The NKF Kidney Care Conference 2023, now in its fourth edition, is a testament to NKF's commitment to advancing kidney care."

Mr Chan Yeng Kit, Permanent Secretary (Health), Ministry of Health, and guest of honour at the Kidney Care Conference



# Renal Outlook – a pathway to advancing renal care

The 2<sup>nd</sup> edition of our annual publication, Renal Outlook, remains an essential conduit for sharing insights on diverse clinical and educational aspects of renal care among healthcare professionals and partners. To foster the dissemination of renal expertise and best practices across the region, we have widened the distribution of the publication to reach regional nephrology societies and kidney foundations. We actively encourage the exploration of collaborative partnerships and welcome article contributions. We firmly believe that these initiatives will stimulate fresh perspectives and raise the benchmarks of renal care.

# Increasing Community Awareness and Adoption of Screening

To move beyond awareness to a culture of health, we have stepped up efforts to encourage people, particularly the high-risk groups, to go for regular kidney screening for early detection and intervention of CKD. At the same time, we help those we reach to learn new behaviours and create opportunities for healthy choices and habits in homes, schools and the community. Our programmes and events are tailored to meet specific needs, values, lifestyle and circumstances so that healthy behaviours will be adopted through relevant, social and consistent efforts. As people see the value in these small steps, behaviour can be shaped. We reached out to over 214,000 people through our various kidney health education and prevention initiatives.



# Schools

Working with our school partners and young change makers, 149,000 students and educators were motivated to adopt and advocate for healthy lifestyle choices with their friends and community for a healthier Singapore. 640 students and their families also participated in a series of post programme activities designed to create opportunities for them to embark on healthy choices together.

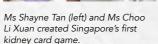






Behaviour change takes constant and consistent effort, and we are heartened by the support of our young change makers that have taken on the baton to promote health among their friends and community under NKF's Kidney We Care Movement (KWC). In one project, two students from Raffles Institution (Junior College) and Anglo-Chinese Junior College respectively, created Singapore's first kidney card game called 'Kid Me Not!' to educate their peers on kidney





health and chronic kidney disease in a fun way. In another project, two Republic Polytechnic students developed a 360 virtual tour of a dialysis centre to help others gain an insight into the dialysis operations. KWC also saw students from the Singapore University of Technology and Design's Rotaract Club develop a series of campaigns



Short films created by students from Temasek Polytechnic's School of Design featuring short-form videos and digital stickers to encourage their peers to take charge of their health, and also raise funds for patients. Temasek Polytechnic's School of Design created 10 impactful short films to educate their

peers and raise awareness of kidney health, compelling viewers to reflect on their lifestyle and health choices.



# Community

Working with our community partners, grassroots and volunteers, we reached 65,000 people through kidney health education programmes and events.

# Don't Tikam with Your Health

An eight-week "Don't Tikam with Your Health" programme was introduced to Senior Activity Centres and Residential Networks for seniors to embark on healthier behaviours together. Through a peer-to-peer support system, the seniors got their health levels checked and motivated each other to complete their weekly health challenges. By using the fun and familiar tikam approach, the eight-week programme was less intimidating to the 577 seniors that participated from 16 centres.

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"The programme encouraged the seniors to take charge of their own kidney health by doing weekly self-monitoring of blood pressure and exercises.

Mdm Sharon Tay, Centre In-Charge, Chong Hua Tong Tou Teck Hwee AAC

# <sup>new</sup> Healthier home-cooked goodness

Working with various partners, we challenged ourselves on how we could make local favourites healthier without sacrificing too much of the taste we love, and even make it easy to make. The Building Healthier Generations campaign was launched in collaboration with YoRipe, a community and content platform for home cooks, resulting in the creation of 48 recipes and was shared with the YoRipe community. NKF collaborated with SSA Culinary Institute to develop a series of four healthy yet easy-to-follow recipes ranging from sweet to savoury, highlighting the importance of a balanced diet in a healthy lifestyle. The recipes garnered the attention of 7,000 people. We also organised our inaugural cooking competition Ready Set Masak! together with KitchenSq LLP's Chef Kamal Khamis and AllSpice Institute. Participants made healthy tweaks to their family's favourite dishes and created nutritious and well-balanced meals using healthier alternative ingredients.



# World Kidney Day Malay Forum

NKF organised a forum "Keseimbangan dalam Kesihatan" (Balance in Health) on 19 February 2023 that brought together 22 community partners who have been actively promoting kidney health in the Malay/ Muslim community and covered practical tips that the 80 participants could bring back to their mosques to help their congregants achieve balance in mental and physical well-being. This will help reduce the risks of chronic illnesses like kidney disease.





# Collaboration with Darul Ghufran Mosque & An-Nur Mosque

For the first time after the Covid-19 pandemic, NKF collaborated with these mosques to give a short sharing to the mosque congregants before Friday prayers. With a total of 22,000 in attendance, the rise of kidney failure cases in Singapore and the importance of health screening for early detection and intervention were highlighted.

# Kidney We Care: Let's Revolutionise!

After going virtual during the pandemic, Kidney We Care: Let's Revolutionise! (KWCLR) came back with a blast on 4 and 5 March 2023 at The Star Vista to rally the community to make a stand on breaking the rising trend of kidney failure cases by taking charge of their health. Helmed by volunteers and partners, the event created awareness on kidney disease prevention, with simple tips on healthier living habits and lifestyle changes. There were mass workouts, interactive games and performances by volunteers and partners.



# 7-Day No Sugary Drinks Challenge Charity Drive

For the sixth year running, NKF has been partnering educational institutions through the 7-Day No Sugary Drinks Challenge Charity Drive to encourage healthy dietary habits and inculcate values of compassion and empathy through acts of service among their students. This year, we also reached out to the heartlanders through launching the campaign at Bukit Panjang Community Club on 19 March 2023. Residents were encouraged to replace sugary drinks with non-sugary drinks and the money saved from giving up sugary drinks will go towards benefitting our patients. The charity drive had reached out to more than 25,000 individuals from 34 educational institutions, corporate and community partners between 10 October 2022 and 30 September 2023 and raised over \$320,000 (inclusive of Tote Board grant) with expenses of about \$7,200.

# Kampung spirit to encourage kidney health at bazaar

In the spirit of one community, NKF set up a booth with a kampung ambience at the Geylang Serai Ramadan bazaar from 17 March to 18 April 2023 to encourage everyone to take charge of their health. It was also an opportunity for our dialysis patients to be there to sell their handmade items such as calligraphy art pieces and beads paintings for sale. This helped to build their selfconfidence and sense of self-worth, which are important towards achieving holistic wellness. Prominent busking duo "Nuradee" also helped promote kidney health during the bazaar. Our kidney health awareness effort reached out to over 10,000 members of the public. We thank Wisma Geylang Serai for sponsoring our booth.





# **Race Inspired!**

Race inspired! returned this year to encourage a healthier lifestyle with a physical event at Waterway Point on 30 April 2023. A 3km Fun Walk and 6km Leisure Run attracted about 1,300 participants of all ages, including corporate and community partners. There were also fun-filled health and carnival activities, and a special guest appearance by Mr Kiasu to drive home the message that you can never be too 'kiasu' about caring for your health. Funds raised through the event went towards helping kidney failure patients. A total of \$487,601 was raised to benefit kidney failure patients, with expenses amounting to \$47,650.



# Making kidney screening available and accessible

# Chronic kidney disease (CKD) intervention programme

The National Population Health Survey 2022 showed a significant rise in CKD prevalence from 8.7 percent in the 2019 to 2020 period to 13.8 per cent in 2021 to 2022. This means that about half a million Singaporean residents are now grappling with the disease and are at higher risk of progressing towards kidney failure. To encourage more from the at-risk groups to be screened, partners such as Al Iman Mosque, Maarof Mosque and Persatuan Pemudi Islam Singapura (PPIS) have led by example by organising screenings for their staff. More than 600 people benefitted from the screening intervention programme since 2022.

"When Maarof Mosque invited all staff to undergo a health screening, I joined. I was shocked to have been told that I had protein in my urine. And since, I have changed my diet to healthier food besides seeing my family doctor to manage my health instead of oily, fast food which I used to eat before this screening."



"About 9,000 people in Singapore have kidney failure and are on dialysis. This is merely the tip of the iceberg. You have more than 300,000 people who are under the water with chronic kidney disease. We can't see them, but they need to be found so that we can screen them and institute appropriate treatments."

Prof Thomas Coffman, Dean, Duke-NUS Medical School; Chairman, NKF Medical Advisory Committee; and Member, Future Forward 2030 Steering Committee, who says that this big wave of the increasing number of people with CKD is going to crash on the health system and that raising awareness and carrying out nationwide kidney screening is critical

Mr Sumali Mohamin, Participant of CKD Intervention Clinic

# **Reaching New Horizons with** Your Steadfast Support

# Giving Time, Touching Lives through volunteerism

Volunteers play a pivotal role in NKF, offering their time, skills and passion to our cause without monetary compensation. Their importance lies in their ability to drive positive changes and make impacts on our community. They bring a diverse range of perspectives and expertise, helping us to bolster essential services such as augmenting our nursing manpower at the dialysis centres, organising workshops to upskill our patients and even staff, bringing joy and warmth to our patients' lives, as well as advocating kidney health in the community. Volunteers foster a sense of unity and empathy, inspiring those around them to get involved and cultivate a culture of compassion and altruism.

About 5,000 volunteers contributed over 41,000 volunteering hours at NKF. Their dedication and selflessness serve as a powerful catalyst for our progress, promoting cohesion and building a more caring and resilient community to support our patients and the community.

"Pop-up cards may look complicated to make, but they are really not that difficult! I wanted to let the patients experience for themselves, that regardless of their age or illness, they can always learn a new skill and find joy from creating arts and crafts."

Ms Tham Ee Mei Homemaker "When I was admitted into NKF's dialysis programme, I actively participated in activities such as craft and exercise classes. I started volunteering with NKF too! I vividly remember befriending a patient at one of our dialysis centres and at the end of the session, she told me that she found a friend in me to communicate with. She was so happy. I felt so touched and realised that giving joy to another brings joy to me too!"

Mdm Aw Ah Moy Patient Volunteer since 2018 "Befriending NKF patients makes me appreciate health more and not take things for granted. The activities that we are able to do and the foods that we get to eat may be a luxury for kidney failure patients as they are unable to do them or eat freely. Taking some time out to volunteer, lending them a listening ear and showing some care can make a huge difference to patients."

Ms Wong Pei Swen Morgan Stanley

"Volunteering with NKF allowed me to better understand the functional deficits patients with kidney failure experience. Interacting with the patients personally helped to build on my theoretical knowledge learnt in school and helped me gain a clearer view of an occupational therapist (OT) in their lives. Engaging with the patients also started to make me think about the therapeutic cases of occupations in their lives that we can tap on as **OTs.** This experience helped me apply and produce my clinical skills in a very meaningful manner. Thank you so much for the opportunity!"

Ms Caren Mok Kaijun Student, Singapore Institute of Technology

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# Breaking boundaries to ensure fund sustainability

# Driving philanthropy through effective engagement and strong partnerships

The giving landscape has changed drastically in the past decade. Further accelerated by Covid-19, the advancement in digital transformation and technology, preconceived notions and heighten expectations for community-led giving and social impact resulted in the birth of new and innovative ways of fund generation in Singapore. To keep abreast with the dynamic situation, NKF is constantly enhancing and reconceptualising our existing line-up of engagement and fundraising programmes to engage new pool of donors, while continuing to maintain strong and interdependent partnerships with our existing supporters to meet the vital needs of kidney failure patients.

While we strive to ensure sustainable funding for our dialysis and holistic programme, LifeDrops remains one of our major sources of donations where donors give regularly and conveniently through automatic recurring deductions. This method of giving helps keep our fundraising expenses low, with the savings going towards helping more needy patients.

Fundraising expenses amounted to 11.1% of the total funds raised, well below the 30% as stipulated by the Charity Regulations.

NKF will continue to strengthen collaborative community partnerships and create a vibrant giving ecosystem to provide kidney failure patients with affordable quality dialysis treatment and holistic care.

"I am increasing my monthly donations to help more kidney failure patients in need, and I hope that each one of you will also be willing to contribute and support them."

Mr Ng Kun Seng, LifeDrops donor for 22 years

# About **90 cents** of every dollar donated went directly towards patient care

# A lasting legacy

The late Mr Gerry Essery and Mrs Jo Essery left more than \$13 million to four charities, including the NKF. It fulfilled their wishes to support the social causes which they cared for and held dear to their hearts during their lifetime. In 2022, we received the remaining half of our share of \$4 million, which will go towards providing dialysis treatment and care to dialysis patients. The first \$2 million, which we received in 2016, was used to establish The Jo & Gerry Essery-NKF Dialysis Centre in Marsiling.



# The Art of Giving

Launched in 2018 to raise funds for kidney failure patients through the auction of paintings, NKF partnered with non-profit charity Art Outreach to present a joint public exhibition of diverse paintings at Art Outreach's art space in Gillman Barracks from 2 to 13 February 2023. Open to the public for the first time, proceeds raised from the event benefitted the respective organisations and their causes. The physical exhibition provided art enthusiasts and the wider community with the opportunity to appreciate an eclectic mix of traditional and contemporary works by renowned artists such as Lee Man Fong, Pan Shou, Rudy Mardijanto, J'den Teo, Jeremy Sharma and many more. A total of \$13,940 was raised through the event, with expenses at \$3,057.

# NKF Swing for Hope: Charity Golf & Dinner 2022

NKF's charity golf Swing for Hope returned for the second consecutive year. It was held at the Tanah Merah Country Club, Tampines Course on 18 November 2022. A total of 160 golfers and dinner guests attended this meaningful event. There was also a live auction during the dinner. All funds raised for the event went towards providing subsidised dialysis treatment and care for our patients. With the support from our generous donors and partners, a total of \$801,602 was raised with expenses amounting to \$84,507.



# NKF eShop - Shop with a heart

Now in its 3rd year, the eShop has explored different types of collaborations to encourage shoppers to give back. Apart from day-to-day sales of merchandise, the eShop has also worked in tandem with other ongoing NKF campaigns to provide shoppers with an additional avenue to show their support through the purchase of dining and workshop passes. We also had the privilege to collaborate with Thermomix® for our first virtual live sale on social media, where partial proceeds from the sale was donated to NKF and channelled towards the provision of subsidised dialysis treatment and holistic care for patients. With the generous support from sponsors and donors, \$9,707 was raised through this meaningful programme.

bermomix • NF In Conjunction with The National Kidney Foundation Eatwyl, Be Wyl by Bibi Chia 22 November 2022 | 8.50pm ThermomixSG (DE)

# **Vesak Day Charity Drive**

In celebration of Vesak Day, 31 Buddhist temples participated in this meaningful event and collectively raised about \$163,000 through the sale of items, outright donations, physical donation box placements and online donation platforms to benefit our patients, with expenses amounting to \$3,598.



# Dialysis machine and chair sponsorship

With the strong support of 446 caring donors, we raised \$2.38 million to sponsor vital medical equipment to give life and hope to dialysis patients across various dialysis centres, which include 102 new dialysis machines and 28 dialysis chairs. With each machine or chair benefitting at least six patients, over 780 patients are now benefitting from these life-saving gifts. As an acknowledgement of our donors' kind contributions, naming plates were mounted on the medical equipment.



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# **Corporate** Governance



# Roles and responsibilities of board of directors

The Board acts in the best interests of NKF, with the aim of improving the quality of care for patients who are afflicted with kidney disease and raising awareness of kidney disease prevention. It also ensures there are adequate resources for the operations and programmes of NKF in pursuit of our vision and mission, and that such resources are effectively and efficiently managed; 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 its processes.

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, as well as significant transactions require the approval of the Board. The Board also reviews and approves corporate strategy and 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). Our Governance Evaluation Checklist for the period 1 July 2022 to 30 June 2023 can be viewed at the Charity Portal www.charities.gov.sg.

# **Board governance**

The Board is governed by terms of reference with clearly defined scope, authority, duties and responsibilities, including matters pertaining to succession planning, composition and conduct of meetings. 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 interests 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 there should be a good balance between board size, gender mix and diversity of expertise, so that the Board will be able to offer objective and high quality insights that contribute to NKF's effective governance and management. The selection and appointment of Board members are overseen by the Nomination Committee based on the terms of reference established, including the size of the Board and the term limits. As at end of the financial year, the Board had 13 members, none of which has served more than nine years running. All Board members are volunteers and are not remunerated. In addition, Board evaluation is carried out annually for assessment of its effectiveness and to drive improvement, as appropriate.

Board meetings were held on:

### 28 October 2022

Attendees: Arthur Lang, Assoc Prof Abdul Razakjr Bin Omar, Ang Hao Yao, Choo Oi Yee, Prof Ho Yew Kee, Benjamin Lee, Ng Boon Yew, Alvin Ong, Shirley Wong, Wong Su-Yen, Prof Yaacob Bin Ibrahim

# 17 February 2023

Attendees: Arthur Lang, Ang Hao Yao, Prof Chan Choong Meng, Choo Oi Yee, Prof Ho Yew Kee, Benjamin Lee, Ng Boon Yew, Alvin Ong, Shirley Wong, Wong Su-Yen, Prof Yaacob Bin Ibrahim

# 16 June 2023

Attendees: Arthur Lang, Ang Hao Yao, Prof Chan Choong Meng, Choo Oi Yee, Jerry Koh, Benjamin Lee, Ng Boon Yew, Alvin Ong, Shirley Wong, Prof Yaacob Bin Ibrahim

Established a steering committee for Future Forward 2030

To oversee the implementation of Future Forward 2030, which aims to fuel further growth and advancement across the entire spectrum of chronic kidney disease

from awareness to prevention to early management in an ever-evolving renal landscape in Singapore, a Steering Committee – a Board Taskforce appointed by the NKF Board of Directors – was established. The committee plays a vital role for the adoption of synergistic and integrated strategies by providing advice and guidance to the working teams; linking NKF with strategic stakeholder networks; and regularly updating the Board. The committee is co-chaired by NKF's board directors Mr Arthur Lang and Prof Yaacob Bin Ibrahim. Other members include board directors Mr Ang Hao Yao and Ms Lee Huay Leng, NKF's Medical Advisory Committee chairman Prof Thomas Coffman and NKF's senior management.

# A testament of good governance

NKF received the Charity Transparency Award 2023 for upholding the values of accountability and transparency through risk management and good corporate governance. We are grateful to you for trusting and supporting us in our mission of Giving Life & Hope.



Ms Jacqueline Hoo, NKF Director, Finance & Risk Management (right), received the award from Mr Desmond Chin, Commissioner of Charities.

# Board of **Directors**



Chairman Mr Arthur Lang, PBM Group Chief Financial Officer Singtel



Prof Chan Choong Meng Senior Associate Dean & Co-Director, Academic Medicine Education Institute of Duke-NUS Medical School Group Chief Education Officer (GCEDO), SingHealth



Member

Mr Jerry Koh Managing Partner Allen & Gledhill LLP

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Member

Assoc Prof Abdul Razakjr Bin Omar Cardiologist, Senior Consultant & Medical Director Specialist Care Group (till 31 Jan 2023)



Member Mr Ang Hao Yao, CFA Chairman, Credit Counselling Singapore



Member Prof Ho Yew Kee Associate Provost (SkillsFuture and Staff Development) Singapore Institute of Technology



Member Mr Ng Boon Yew, BBM, BBM(L) **Executive Chairman** Raffles Campus Group



Mr Alvin Ong Chief Information Officer Nanyang Technological University



Member

**Ms Shirley Wong** Managing Partner TNF Ventures Pte Ltd



Member Ms Wong Su-Yen Founder and Chief Executive Officer Bronze Phoenix Pte Ltd



Member

**Organisation Chart** Chairman & 📋 Board of Directors CEO 410 Professional & Corporate Executive Office Integrated Care Services Corporate Allied Health Human Communications Services Resource & Outreach Donor & Information **Community Care** Volunteer Management Technology Property Finance & **Medical Services** & Facilities **Risk Management** Management Strategic Planning Nursing Services



Prof Yaacob Bin Ibrahim Advisor, Office of the President and Director, Community Leadership and Social Innovation Centre (CLASIC) Singapore Institute of Technology



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Member

Ms Choo Oi Yee

Chief Executive Officer

ADDX

Member Mr Benjamin Lee Managing Director Providentia Wealth Advisory Ltd



Member Ms Lee Huay Leng Editor-In-Chief Chinese Media Group

SPH Media Ltd



# 7 committees to cover key areas of management

NKF has 7 committees to assist the Board in covering key areas of management and improving 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) supports the Board in upholding the integrity of the financial statements by reviewing and evaluating the effectiveness and adequacy of the Foundation's internal control system. In addition, the ARC also reviews the corporate governance structure to ensure the promulgation and application of sound management practices, financial and other policies and guidelines. Some of the other responsibilities include establishing a robust risk management system, implementing sound policies, embracing ethical code of conduct, overseeing the whistleblowing policy and fostering a well-managed environment for the Foundation. ARC also reviews internal and external auditor performance to ensure effectiveness, efficiency, transparency, reliability, trust and accountability.

### Chairman Prof Ho Yew Kee

Dr Daniel Chia Mr Gregory Tan Ms Tan Peck Joo Ms Wan Mei Kit

Members

Committee Meetings Held: 25 July 2022 19 September 2022 10 January 2023 19 April 2023

# **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 as well as review and approval of Finance policies and procedures. It also reviews and approves all extra-budgetary expenditure beyond the delegated management authority. In respect of extra-budgetary expenditure that is beyond the delegated authority of the Finance Committee, it makes the appropriate recommendations to the Board for approval. The Committee also oversees the Tender Committee.

# **Chairman** Mr Ang Hao Yao, CFA

Mr Hui Choon Kit Mr Koh Poh Guan Mr Marc Lo Ms Susan See Tho

**Members** 

# Committee Meetings Held:

24 August 2022 8 February 2023 17 May 2023

# **Fundraising Committee**

The Fundraising Committee reviews and ensures that NKF has the appropriate policies and procedures to comply with the Charity Council's Code of Governance in respect of 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.

**Chairman** Ms Choo Oi Yee Members Ms Jennifer Bay Mr Chris Chiu Mr Wong Joo Seng Committee Meetings Held: 4 October 2022 6 February 2023 6 June 2023

### **Human Resource Committee**

The Human Resource Committee (HRC) reviews and advises NKF on HR strategies, policies and key HR programmes supporting NKF's strategic thrusts and priorities.

**Chairman** Mr Jerry Koh Members Mr Don Leow (from 1 Jan 2023) Mr Henry Liew Mr Tan Kim Kwang Ms Zarina Piperdi Committee Meetings Held: 10 October 2022 3 February 2023 4 May 2023

# **Investment Committee**

The primary responsibility of the Investment Committee is to oversee the investments of NKF and fund managers on behalf of the Board and report the results of their activities to the Board. The Investment Committee reviews and recommends, for approval by the Board, (a) the investment policy to meet with the investment objectives of NKF; and (b) suitably qualified external fund managers (FMs) to implement the approved investment policy. Where external FMs are appointed, the Committee monitors, assesses and reports periodically to the Board the performance of the appointed external FMs, diversity and risks of NKF investment portfolio and advises on matters relating to investment administration.

### Chairman

Mr Ng Boon Yew, BBM, BBM(L)

### Members

Ms Laura Kho Ms Regina Lim Mr William Mak Ms Zheng Wanshi Committee Meetings Held: 27 July 2022 26 October 2022 2 February 2023 26 April 2023

# 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

een Mr Arthur Lang Ms Wong Su-Yen

Members

Committee Meetings Held: 8 November 2022 20 June 2023

# **Technology Committee**

The Technology Committee provides expertise and advice on the strategic adoption of technology and major technology-related projects as enablers of the Foundation's purpose; reviews the annual IT budget and to ensure budget compliance; and provides oversight for the identification and management of IT risks, including cybersecurity risks.

# **Chairman** Mr Alvin Ong

Mr Chai Chin Loon Assoc Prof Terence Tang Mr Christopher Yeo

Members

# Committee Meetings Held:

12 September 2022 17 January 2023 4 April 2023 22 May 2023

# **Reserve policy**

NKF's Reserve Policy aims to ensure that it maintains strong and healthy fund ratios to support its ongoing operations and strategic initiatives. The policy applies to the general funds that are freely available for operating purposes in order to ensure long term sustainability and excludes endowment, restricted and designated funds.

The target level of reserves is set at least 5 years equivalent of net annual operating expenditure. NKF regularly reviews and manages its reserves to ensure optimal fund structure, taking into consideration its future fund requirements, fund efficiency, projected income and operating cash flow.

Our current year reserves of \$395 million are adequate to fund 2.1 years of projected annual operating expenditure, 0.1 years lower than last year. 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.

Based on the net annual operating expenditure which takes into consideration projected income from dialysis treatment, NKF's reserve coverage at 6.0 years was 0.1 years higher than last year and above the Board's target of 5 years.

# **Reserves Policy Statement**

in S\$'000	Current Year (as at 30 Jun 2023)	Previous Year (as at 30 Jun 2022)	Change
General Fund (Reserves)*	394,691	385,820	2%
Restricted & Designated Funds	31,889	34,802	-8%
Total Funds	426,580	420,622	1%
No. of Years Reserves Coverage of Annual Operating Expenditure	2.1	2.2	-0.1
No. of Years Reserves Coverage of Net Annual Operating Expenditure	6.0	5.9	0.1

Our Flying Journ

# **Financial** Statements

# Overview of financial results for the year ended 30 June 2023

	FY 2022/23 \$\$'000	FY 2021/22 S\$'000	Change S\$'000
haritable Activities come related to Dialysis et of patients' subsidies of \$7.5 million for FY 22/23 d \$7.9 million for FY 21/22) openses related to Dialysis	50,682 (142,831)	50,805 (137,399)	(123) (5,432)
Deficit from Dialysis	(92,149)	(86,594)	(5,555)
MOH Subvention Less	60,137	54,685	5,452
Expenses related to Education & Prevention	(1,532)	(1,336)	(196)
Deficit from Charitable Activities	(33,544)	(33,245)	(299)
This is funded by: Donations - LifeDrops Donations - Others Fundraising Expenses	12,919 14,460 (3,026)	13,039 11,402 (3,043)	(120) 3,058 17
Total Donations	24,353	21,398	2,955
Deficit from Operations after Donations	(9,191)	(11,847)	2,656
Government Grants Rental Income Sundry Income Administrative Expenses	26,166 1,196 346 (15,622)	29,919 1,160 768 (14,163)	(3,753) 36 (422) (1,459)
Total Surplus from Operations	2,895	5,837	(2,942)
Investment and Interest Income (Net of fees)	307	(14,174)	14,481
Total Surplus/Deficit for Financial Year	3,202	(8,337)	11,539

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.

- 1. FY22/23 marked the first financial year emerging from Covid-19 which concluded with an operating surplus of \$2.9 million.
- 2. Despite staggering economic recovery from Covid-19, we saw a remarkable \$3.0 million increase in donations. For this, the Foundation is thankful to like-minded donors who believe in giving life and hope to dialysis patients as we made every effort to reduce the wait list of patients with challenging age and co-morbidities profile emerging from Covid-19.
- 3. We saw a net increase of 4% in patient load while maintaining our dialysis fees and keeping our operational and administrative costs at bay amidst inflationary costs pressure as our dialysis centres resumed to normalcy.
- 4. The transition from fixed income to a conservative investment mandate in November 2022 coupled with prudent cash management delivered modest returns, bringing in a net gain of \$0.3 million from investments.
- 5. Concluding the FY with a total surplus of \$3.2 million, the Foundation acknowledges the operational and financial challenges remain ahead. We are undeterred in our approach in the coming year to enhance quality and efficacy of renal care, placing a strong focus on financial sustainability and leading in renal care innovation.

Annual Expenditure	\$164.1 million	\$164.1 million		
Dialysis	\$142.8 million (879	%)		
Administrative	\$15.6 million (9%	)		
Fundraising	\$3.0 million (2%	)		
Education & Prevention	\$1.5 million (1%	)		
Investment Fees	\$1.2 million (1%	)		

**Annual Income** 

\$167.3 million

MOH Subvention	\$60.1million	(36%)
Dialysis Income (Insurance claims & fee collection)	\$50.7 million	(30%)
Donation/Sponsorship	\$27.4 million	(16%)
Government Grants	\$26.1 million	(16%)
Rental & Sundry Income	\$1.6 million	(1%)
Investment & Interest Income	\$1.4 million	(1%)

**NKF** LifeDrops

# **Our Caring** Donors

Our heartfelt gratitude to all our donors for their unyielding support, compassion and generosity in Giving Life & Hope to our patients. Special thanks to the following donors who have made generous contributions from 1 July 2022 to 30 June 2023.

Cheng Tee Hiang

# Individuals

Abhishek Singh

Abizer Shabbir Tambawala Alex Khoo Allimuthu Kalaivani Aminah Ismail Ang Chai Luan Joyce Ang Chor Meng Ang Hun Khoon Ang Zhi Hao Anwar Edward Baljinder Kaur Ranjit Singh Bee Mooi Mooi Bhatia Jyotdeep Singh Caleen Lim Cao Shujuan Castillo Anita (Mrs) Cera Mark Malony Chan Aik Hui (Dr) Chan Hian Siang Chan Hock Cheng Anna Chan Seng Way Chan Soo Ling Chan Sook Fun Yvonne Chan Yok Yue Chang Kok Cheong William Chang Mee Hong Cheah Phui Kheng Adrienne Chee Keng Lian Chee Ser Chuan Chee Swee Mei Esther Chen Guoxiong Chen Jun Yuan Chen Xian Wen

Cheong Chin Joo Gerald Chua Yuanwei Cheong Hock Chew Peter Cheong Kok Hom Chui Yew Kong Cheong Theam Hock Peter Chung Chee Keong Cheung Chuan Woo Collado Valerie Chew Siew Lay Deepak Singhal Chia Gin Sun Dilhan Pillay Sandrasegara Chia Hung King Ding Teck Yong Gabriel Chia Khong Shoong Ee Boon Kwee Chik Latif Sani Ee Hong Ai Jacqueline Chin Shuyan Sharon Ellen Lee Geck Hoon Chng Hak Loy Ena Lee Ina Er Swee Teck Chng Joshua Choh Choon Jin Fam Kim Meng Chong Kok Yong Felix Wang Yip Kee Chong Siew Hong Fong Fu Wei Chong Siew Kam Fong Siew Ping Chong Wee Kee Foo Jee Yong Roger Chong Yeh Sun Foo Kok Kan Choo Lay Hwa Foo Peng Chuan Chow Choon Yen Foo Yoke Khan Foong Yim Ping Regina Chow Joo Ming Frayna Sarah Chow Yuen Yong Alvin Chua Ai Gek Delia Gan Chew Tee Chua Bee Suan Angela (Mrs) Gan Kian Yong Hubert Chua Chee Khiang Gan Thong Hoe Chua Chong Cheng Gay Patrick Chua Chor Chuan George Paul (Dr) Chua Ghim Hoe Kenny Goh Ah Lek Chua Guek Liang Molly Goh Dong Hong Goh Hwee Shen Chua Say Kuan William

Chua Swee Meng William Chua-Kao Chien Chien (Mrs) Jacqueline Hew Jervin Hsu John Huang Li

Goh Joo Ee Goh Mia Hock Goh See Hwa Goh Siow Tai Alex Goh Wee Hiong Lawrence Goh Yun Lin Goyal Sharad Guee Swei Cheng Gurav Prasad Pandurang Gurusamy Pandikrishnan Han Chen Kong Jeffrey Han Wen Ru He Zhi Yuan Heah Hang Chua Heng Boon Siong Heng Chiang Jye Hew Kew Fong Kelvin Ho Boon Cheong Ho Chin Tiong Ho Guan Qi Ho Han Kiat (Dr) Ho Sheng Ming Hong Tuck Meng How Yoke Peng Huang Linrong (Mrs) Huang Luxiang Andrew Huang Meng Ching Huang Nating Hui Yen Leng

Hwang Soo Jin Inderjit Singh Gill Ishar Singh Gill Issac Jeffrey Tay Han Sheng Jennifer Tan Siok Tze Jhivanesh Jothenathan Josephine Chee Josephine Lee Bee Leng Kang Choon Seng Katar Singh Keh Soh Hua Kho Thiam Soon Khoo Eng Lian Khoo Sang Chin Khoo Yew Chuan Benjamin Kim Junghoon Ko Willy Koh Boon Hock Koh Hui Hong Joycelyn Koh Joo Kim Koh Kian Hong Richard Koh Kiat Mui Koh Kuan Hock Koh Poh Guan Koh Seow Ngang Koh Wee Nah Kok Pei Foong Kong Hung Lau Paul Kong Yeen Hoon Koong Chee Cheong Kuan Ren Qiang Patrick Kudale Yogesh Arvind Kulkarni Abhiiit Ashok Kwan Yuen Ching Natasha Kwek Ai Ser Kwok Chat Khing Kwok Cher Luang Kyryl Ivanov Lai Koon Cheong Law Su Yin Leau Chee Yung Lee Chee Yong Matthew Lee Cheng Chong Lee Chin Pin Lee Fook Choy David Lee Hong Ping Lee Huay Leng Lee Inn Peng Lee Jia Yun Lee Jian Kuan Lee Kok Boon Lee Lay Hoon Lee Li-Ming (Mrs)

Lee Ngiat Fong Lee Nguet Kwang Lee Poh Noy Lee Shalyn Lee Siew Chuan Lee Siew Ming Lawrence Lee Soon Chin Lee Tong Lee Wonbae Lee Yih Chvi Lek Li Ru Leong Heng Kong Glenn Leong Wing Yew Ernest Li Gong Li Tong Lim Ban Lee Lim Bee Lai Rachel Lim Boon Huat Lim Chee Pin Sam Lim Chien Hua James Lim Choo Lena Lim Chwee Kim Lim Geck Kia Lim Hock Chee Lim Hwee Leng Lim Keng How Jason Lim Kong Hiong Lim Kwee Poh Lim Lam Seng Lim Leong Chuan Lim Lu Giok Amy Lim Mei Guei Michelle (Mrs) Lim Shan Li (Mrs) Lim Sin Foo Lim Soh Wan Nancy Lim Soo Cheng Lim Soo Ngoh Lim Soon Huat William Lim Tiong Seng Lim Wee Meng Lawrence Lim Yew Kin Lim Yok Lev Lin Hongmei Lin Wai Hung Lin Zikai Edwin Liu Yock Mui Judith Liu Yong Qing Lo Szi Wei Loh Jun Kitt Loh Wai Meng Low Hsiao Way Low Kai Fong Low Kee Yeow Low Liong

Low Meng Cheng Low Pui Lin Low Seong Leong Low Wai Sing Low Yan Khin Lum Wei Chong Lye Shoon Fong Lawrence Mai Ah Ngo Mak Loke Peck Mao Jinhua MiaJei Sufi (Dr) Mohammad Sufian Mok Kim Chye Mok Kwong Weng Muhammad Khairi Darus Na Boon Chong Nah Hwee Guan Neo Ah Suan Neo Boon Keng Neo Boon Khiam Neo Gim Siong Bennett Neo Heng Soon Neo Lay Kuan Hazeline Neo Siew Choon Peter Ng Ah Teck Ng Boon Seng Ng Boone Sing Ng Chiew Leng Austin Ng Chuan Her Ng Fu Cheng Ng Hoe Kiat Keith Ng Khim Han Ng Kun Seng Ng Seh Tiong Ng Siok Hoong Ng Soon Kheng Ng Soon Lee Ng Steven Ng Thiam Seng Kelvin Ng Tya Ah Andrew Ng Woo Hong Ng Zen Zen Ng Zheng Guang Kevin Ngan Yap Tang Nganthavee Suckchai Nora Champion Nyan Yew Loong Oan Chim Seng Oh Thay Lee Ong Chee Khoon Joseph PBM Ong Chiew Leong Ong Chin Eng Andrew Ong Chuey Geok Diana Ong Hian Seng Jerry

Ong Ing Woei Dennis Ong Joo Li Ong Kim Hock Ong Kim Tee Ong Kok Hong Ong Siu Ming Ong Swee Hoo Ong Tai Yong Onn Eng Joo Ooi Kooi Tin Ow Peak Lan Park Suk Hoon Parthasarathy Subramanian Pattanashetty Manjunath Ajjappa Paul Weaver Peck Hwee Peng Phang Chin Sern Phang Weng Wan Jay Phoon Kum Yuen Phoon Kwong Yun Ian Phua Kim Guan Phyllis Poh Pier Lim Pisharath Sreekumar (Dr) Po Chee Chow Kavin Poddar Joyita Poh Cheng Lam Anthony Poh Liong Pin Poh Sin Choon Puar Teck Jin Puay Eng Chuan Quah Ah Choo Susan Quah Kee Swee Quek Gim Pew Rajamony Rohith Raju Chalil Ray Rajagopal R Roch Cyril Alexander Sato Noriko (Mrs) Saw Cheng Chye Saw Lee Leong Seah Swee Poh Seah Wong Chi Sebastian Nelson Iruthavadoss See Lay Hoon See Ling Ling Eline Selvarani S Seow Eng Teck Shanmugam Senthil Shantanu Mukerji Shiow Sou Ching Shy Wee Min Sim Bee Wah Michelle

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Sim Sheng Chye Lawrence Sim Siew Fung Sim Soo Yong Sim Wei Jie Zen Sim Willing Sim Yew Ying Siti Faridah Khairoman Sivanesan Sivakumar Martin Sng Peng Koon So Chee Meng Kenneth Soh Boon Tong Soh Kim Chye Dave Soh Lip Heng Soh Yong Poon Soo Thiam Boon Soong Yee Shunn Soundararajan N Su Guaning (Dr) Subramanian Kavitha (Mrs) Surapureddy Venkata Krishnajanaki Ramayya Swanny Setyono Takeshi Komatsu Tan Aik Peng Tan Bee Leng Tan Bo Tan Tan Boon Hock Hansel Tan Chim Hoon Tan Choon King Tan Eng Chye Tan Gim Chuan Tony Tan Hoong Teck Tan Huan Sing Tan Hui Sien Tan Kah Tin Tan Kim Biau Tan Kok Hwee Michael Tan Kok Kiong Tan Lee Keng Jenny Tan Mui Gek Tan Poh Kee Tan Se Hok David Tan Seow Leng Tan Siew Leng Tara Tan Siew Teck Lawrence Tan Siong Chiow Tan Sock Leng Tan Song Chiang Tan Sze Lee Tan Tiong Tee Tan Tshun Chuang Nigel Tan Wai See Tan Wai Yean Tan Yen Pew

Tan Yew Seng Tan Yong Chiang Joe Tang Wai Hoong Tau Lye Peng Tay Emily Tay Eng Kng Tay Jie Ying Richelle Tay Jin Ying Tay Kheng Hin Tay Tiang Guan Tay Watt Moi Tay Woon Teck Teng Seok Chu Teo Aik Nen Teo Beng Teck Teo Cher Kian Teo Choo Yang Teo Ho Kang Roland Teo Josephine (Mrs) Teo Pei Ling Teo Poh Heng Teo See See Teo Seng San Teo Siew Bee Corinne Teo Siew Lian Teo Tak Sin- Dax Ter Kim Cheu Thiam Sai Chung Thng Kim Yong Victor Tiang Yan Ming Toh Beng Heng Toh Cheng Wan Toh Joo Huat Toh Kai Seng Toh Khian Hee Jeffrey Toh Kim Hock Toh Siew Gek Joleen Toh Sze Wei Toh Wee Beng Tok Angela Tok Chee Keong Tommy Jacobus Silfanus Tow Soon Kim Tsai Mei Ling Tuan Di Hui Benjamin Villanueva Jhune Keithrick Wang Chun Meng Wang Jern Hung Wang Xiqun Wang Zhongxian Way Suk-Yee Catherine

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Dr Stephen Riady (second from left), who is committed to improving the lives of the less fortunate through philanthropic giving. Photo: NUS

Kim Hock Corporation Pte Ltd Koh Ho Song Contractor Pte Ltd Koh Kock Leong Enterprise Pte Ltd Koyo Kaiun Asia Pte Ltd **KPMG LLP** Kwan Tzi Zhai Vegetarian Catering Kyi Heng Construction Pte Ltd Lei Zang Si (Singapore) Lew Foundation Lorong Koo Chye Sheng Hong Temple Association Loyang Tua Pek Kong Magicsoft Asia Systems Pte Ltd Man Fatt Lam Buddhist Temple Masjid Al-Falah Masjid Khalid Masjid Pusara Aman Media Group Pte Ltd MSD Pharma (Singapore) Pte. Ltd. Mylifestyle Holdings Pte Ltd Nightservicingsg Pte. Ltd. NTUC Fairprice Foundation Limited Nutriworks (SEA) Pte Ltd Origin Herbal Hair Treatment Pte Ltd **OUE** Limited **OVERSEAS MOVIE PTE LTD** PAP Community Foundation Patent Engineering Co Pte Ltd Pavilion Capital International Pte. Ltd. Pei Hwa Foundation Limited

Prime Commodities Trading Pte Ltd **PSA** Corporation Limited PU TIEN HOLDINGS PTE, LTD. Puat Jit Buddhist Temple **PwC Singapore RSM Singapore** S C Wong Foundation Trust San Wang Wu Ti Religious Society SATS Staff Association Schroder Investment Management (Singapore) l td Seng Kang Primary School SG E&C Pte Ltd Shinko Bearings & Beltings Pte Ltd Shopee Singapore Private Limited Singapore Buddhist Welfare Services Singapore Buddhist Youth Mission Singapore Bukit Panjang Hokkien Konghuay Singapore Casket Company (Private) Limited Singapore Pools (Private) Limited Sitigold Pte Ltd Sky Blue Aircon Engineering Pte Itd ST Healthcare Pte Ltd SUTL Corporation Pte Ltd Swiss Re Foundation Tad Charity Limited Tai Tiong Tentage Service

"OUE is pleased to support NKF over the years through its annual Charity Golf event to help dialysis patients receive quality treatment and holistic care. We believe that by giving back, we not only ensure the sustainable growth of our organisation, but more importantly, that of the communities we are part of."

Dr Stephen Riady, Executive Chairman & Group CEO, OUE Limited

Pte Ltd

Tampines Chinese Temple Tanah Merah Country Club Tang Gah Beo Techies Logistics (S) Pte Ltd Techtown Pte Ltd Teck Chiang Realty Pte Ltd Teo Soon Seng Pte Ltd The Centre For Inner Studies in Singapore Ltd The Estate of Esserv Gerald Stephen The Future of Cooking Pte Ltd THE HOUR GLASS LIMITED The Mandy's Pte Ltd The Singapore Buddhist Lodge Thomson Shin Min Foundation Thong Teck Sian Tong Lian Sin Sia Tian Kong Buddhist Temple Tians Power Pte Ltd TL Whang Foundation Limited Toa Pavoh Seu Teck Sean Tong Tote Board Group TPH Fund T-Pride Pte Ltd Transmedic Pte Ltd TTJ Design & Engineering

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tance Pte Ltd Association

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Flying

# **Our Committed Volunteers**

Our deepest appreciation to all our volunteers and partners for their contributions and efforts in supporting our patients in their rehabilitation journey and advocating kidney health in the community.

# Our partners who have volunteered with us from 1 July 2022 to 30 June 2023

### **Organisations/Religious Groups/Educational Institutions**

You(th) Can Do It! Admiralty Secondary School Agilent Technologies Singapore Pte Ltd Alpha Phi Omega Alumni Association in Singapore 189 Ambulance Wish Singapore Anderson Serangoon Junior College Anglo-Chinese Junior College Anglo-Chinese School (Independent), Three Beanies Art:Connect Balloon Sculpting Interest Group Bartley Secondary School Be Kind SG Bedok Methodist Church Bedok View Secondary School Bukit Batok Secondary School Catholic High School Catholic Junior College Chatsworth International School Haha Music & Entertainment CHIJ Katong Convent CHIJ St Nicholas Girls' School (Secondary), Project Ren CHIJ St. Nicholas Girls' School (Secondary) Chillin'@6 Crush Media Network Daniel Sid DBS Bank District 22 Dot Connections Growth Centre DTCC Data Repository (Singapore) Pte Ltd Dunearn Secondary School Dunman High Medical Society Epic Dialogue Pte Ltd Eunoia Junior College Eunoia Junior College, Project Kaizen Evergreen Secondary School Evergreen Secondary School, 4 Commitment Evergreen Secondary School, 4 Respect

Falling Feathers Faxolif Industries Pte Ltd Fei Yue Community Services First Ambulance and Healthcare Pte Ltd Flame Communications Pte Ltd Foo Hai Buddhist Cultural And Welfare Association Global Indian International School Good Shepherd Preschool Google Asia Pacific, Singapore Gospel Baptist Church Grab Singapore Greenpac (Singapore) Pte Ltd Heysprouts Hobbs Holdings Pte Ltd Holy Innocents' High School Hwa Chong Institution, Project Bandaid Hwa Chong Institution, Project Evexia Hwa Chong Institution, Project Kiganai Hwa Chong Institution, Team XYZ Insurance and Financial Practitioners Association of Singapore Imelda Unisex Hair Styling & Beauty Training School Innovative Pest Pte. Ltd. ITE College West, School of Hospitality Jason Yu Kantar Singapore Pte Ltd **Keppel Corporation** Kingdom of Jesus Christ Society Knots with Love FHG Leong Teng Kee Madrasah Aljunied Al-Islamiah Maketh Project Mastercard Mclink Asia Pte Ltd Methodist Girls' School (Secondary) Millennia Institute Probation and Community Rehabilitation Service (PCRS), Ministry of Social and Family Development MIU Global Pte Ltd Morgan Stanley

Music Mem'ries Nan Chiau High School, 2 Humility Nanyang Girls' High School Nanyang Junior College Nanyang Polytechnic, Emcee Club Nanyang Polytechnic, School of Business Management (Sport & Wellness Management) Nanyang Technological University, Emcee Club Nation One National University of Singapore, Public Health Club Naee Ann Polytechnic School of Life Sciences & Chemical Technology, Ngee Ann Polytechnic Naee Ann Polytechnic. Singapore Nurses Association NielsenIQ Income Insurance Ltd NUS High School of Mathematics and Science NUS High School of Mathematics and Science, Choir Group NUS High School of Mathematics and Science, St John Brigade One Heart Cleaning Pte. Ltd. Orchid Park Secondary School Pastel Nagomi Artists Paya Lebar Methodist Girls' School (Secondary) Pava Lebar Methodist Girls' School (Secondary), JJAV Paya Lebar Methodist Girls' School (Secondary), PL H.E.L.P.S Peirce Secondary School Project Wellness PSC Corporation Ltd Psquare Punggol Secondary School, Art Club Raffles Girls' School (Secondary) Raffles Girls' School (Secondary), Project Beans Raffles Girls' School (Secondary), Project Beafriend



Raffles Institution, Happiness for Life Raffles Institution, Red Cross Youth (RI Chapter) Raffles Institution (College Section) Brigade Raffles Institution (College Section), **Project Synergy** Raffles Institution (College Section), Project Alkulla Raffles Institution (College Section), Project Seeds of Hope Raffles Institution, Raffles Interact **Republic Polytechnic** Republic Polytechnic, Pharmaceutica Interest Group Republic Polytechnic, Republic Magic Republic Polytechnic, FYP Team Project Tobyato **River Valley High School** River Valley High School, Triple J Chinese Orchestra Rotaract Club of NUS Sam Lav School of the Arts, SOTA SG Cares Volunteer Centre @ Boon Lav (operated by Thye Hua Kwan Moral Charities) Silver Ribbon (Singapore) Singapore Armed Forces (40 SAR) Singapore Cancer Society Singapore Chinese Girls' School, **Kidney Warriors** Bowling Singapore Examinations and Assessment Board Singapore Institute of Technology Singapore Police Force Leadership and Executive Training School (LETS) Singapore Polytechnic Singapore Polytechnic, Video Club Singapore Polytechnic, Applied Chemistry Student Chapter Singapore Polytechnic, Biomedical Dr Yeo See Cheng Science Hema Padma Prem Kiran Singapore Polytechnic, Perfumery and Henry Liew

**Raffles** Institution

HOPE

**Comestic Science** 

Singapore Pools (Private) Limited Singapore University of Social Sciences St Hilda's Primary School St Margaret's Secondary School Girls' Tanjong Katong Girls' School Temasek Junior College Leo Club Temasek Polytechnic Temasek Polytechnic, Medical Biotechnology Interest Group Temasek Polytechnic, Law & Management The 2nd As Family Band The Kidney Movement The TENG Company (TENG Gives Back) The Terrific Trio **TRANS FOCUS Active Ageing Centre** Victoria Junior College Victoria Junior College, Medical Society Victoria School Virtu Financial Winn Yeo Dance Group Woh Hup (Private) Limited Xinmin Secondary School Yale-NUS College Yishun Innova Junior College Yishun Innova Junior College Tenpin Yishun Innova Junior College Track & Field Club Yishun Innova Junior College Volleyball Yishun Secondary School Yuying Secondary School **5 Years Individual Long Service** Ang Hao Yao Jennifer Bay



Lim Yu Ci Charity Lye Wing Cheong Eric Mohideen Mohd Ally Alvin Ong Rahim Bin Selamat Seah Kaichen, Mendel Surattee Mastura Tan Kim Kwang Tan Peck Joo Wei Zhang Vivian Zarina Piperdi

# **10 Years Individual Long Service**

Chew Chin Ming A/Prof Chionh Chang Yin A/Prof Tan Chieh Suai Kamisah Saini Benjamin Lee Zulkifli Redwan Lim Siew Kim Ee Thiam Hee Gary

**15 Years Individual Long Service** 

Christian Charles Eber Ho Ying Cheng Khoo Han Whatt Vincent



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



We are grateful to our caring sponsors for enabling us to set up dialysis centres across Singapore, providing convenience and easy access to treatment and care for kidney failure patients living or working in the heartlands.

# North

### 204 Marsiling

Jo & Gerry Essery – NKF Dialysis Centre Blk 204, Marsiling Drive, #01-188 Singapore 730204

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

### 761 Woodlands

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

Thong Teck Sian Tong Lian Sin Sia – NKF Dialvsis Centre Blk 825, Woodlands Street 81, #01-30 Singapore 730825

### 203 Yishur

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

### 639 Yishun

Le Champ – NKF Dialysis Centre (Yishun Branch) Blk 639, Yishun Street 61, #01-168 Singapore 760639

### 840 Yishun

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

# Yishun Community Hospital

NKF Dialysis Centre Supported by Keppel 2 Yishun Central 2, #03-01 Yishun Community Hospital Singapore 768024

# North-East

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

# 633 Ang Mo Kio

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

### 114 Hougang

NKF Dialysis Centre Supported by Singapore Buddhist Welfare Services Blk 114, Hougang Avenue 1, #01-1298 Singapore 530114

### 628 Hougang

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

### **Punggol Oasis Terraces**

NKF Dialysis Centre Supported by Ngiam Kia Hum & Family Blk 681, Punggol Drive, #02-02 Singapore 820681

### 201 Serangoon

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

# Wong Sui Ha Edna

East

105 Bedok

Singapore 460105

Singapore 462027

NKF Dialysis Centre

Singapore 510180

TL Whang Foundation

427 Pasir Ris

Singapore 510427

Singapore 520101

271 Tampines

101 Simei

180 Pasir Ris

NKF Dialysis Centre Supported by

NKF Dialysis Centre Supported by

San Wang Wu Ti Religious Society

Blk 180, Pasir Ris Street 11, #01-06

NKF Dialysis Centre Supported by

Blk 427, Pasir Ris Drive 6, #01-35/43

Kwan Im Thong Hood Cho Temple -

NKF Dialysis Centre (Simei Branch)

Blk 101, Simei Street 1, #01-892

Blk 105, Bedok North Avenue 4, #01-2168

Blk 27, New Upper Changi Road, #01-694

Man Fatt Lam Buddhist Temple

27 New Upper Changi

Tampines Chinese Temple -

Blk 271, Tampines Street 21, #01-99 Singapore 520271

NKF Dialysis Centre Supported by

# 935 Tampines

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

# West

### 274 Bangkit

Singapore 670274

New Creation Church

NKF Dialysis Centre Supported by

Blk 274, Bangkit Road, #01-54

Hong Leong Foundation

275 Bangkit Le Champ – NKF Dialysis Centre (Bukit Panjang Branch) Blk 275, Bangkit Road, #01-96 Singapore 670275

# 103 Bukit Batok

Singapore 650103

Singapore 120326

IRC Level 1 & 2

Singapore 649808

Singapore 603240

Singapore 640744

Singapore 640940

113 Teck Whye

NKF Dialvsis Centre

Singapore 680113

701 West Coast

(West Coast Branch)

Singapore 120701

940 Jurong West

744 Jurong West

240C Jurong East

Foundation

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

### 326 Clementi Lew Foundation - NKF Dialysis Centre

Blk 326, Clementi Avenue 5, #01-175

NKF Integrated Renal Centre (IRC)

500 Corporation Road, Level 1 & 2

NKF Dialysis Centre Supported by

Blk 240C, Jurong East Avenue 1, #01-01

Sheng Hong Temple - NKF Dialysis Centre

Blk 744, Jurong West Street 73, #01-19

Blk 940, Jurong West Street 91, #01-441

NKF Dialysis Centre Supported by

The Sirivadhanabhakdi Foundation

Leong Hwa Chan Si Temple -

Blk 113, Teck Whye Lane, #01-666

The Hour Glass - NKF Dialysis Centre

Blk 701, West Coast Road, #01-323

Yuhua Grassroots Organisations

Supported by The Sirivadhanabhakdi

Singapore 270001

### NKF Centre

81 Kim Keat Road Singapore 328836

NKF Dialysis Centre Supported by Toa Payoh Seu Teck Sean Tong Blk 225, Toa Payoh Lorong 8, #01-54

### Toa Payoh West CC

200 Toa Payoh Lorong 2, #03-01 Singapore 319642

Blk 311, Ubi Avenue 1, #01-383 Singapore 400311

### 19 Upper Boon Keng

NKF Dialysis Centre Supported by Sakyadhita Singapore 380019

58

Flying

Jou

# Central

102 Aljunied NKF Dialysis Centre Supported by Blk 102, Aljunied Crescent, #01-265 Singapore 380102

### 43 Bendemeer

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

### 128 Bukit Merah

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

### 1 Ghim Moh

Woh Hup - NKF Dialysis Centre Blk 1, Ghim Moh Road #01-358

Tay Choon Hye – NKF Dialysis Centre

# 55 Strathmore

NKF Dialysis Centre Supported by San Wang Wu Ti Religious Society Blk 55, Strathmore Avenue, #01-145 Singapore 140055

# 225 Toa Payoh

Singapore 310225

Seck Hong Choon – NKF Dialysis Centre

# 311 Ub

Foo Hai – NKF Dialysis Centre

Blk 19, Upper Boon Keng Road, #01-1220



81 Kim Keat Road, Singapore 328836

