

THE UNIVERSITY OF HONG KONG
LKS FACULTY OF MEDICINE

S.K. Yee Medical Foundation Grants

2019

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr V Vardhanabhuti	Diagnostic Radiology	PSMA PET-CT scans for patients with prostate cancer	500,000
Dr KKW To	Microbiology	Rapid detection of pathogens and antibiotic resistance for patients with severe lower respiratory tract infection	602,000
Dr PW Lam	Surgery	Establishment of holmium laser enucleation prostatectomy (HoLEP) service for patients with symptomatic benign prostate hyperplasia (BPH)	1,559,275
Dr PW Lam	Surgery	Free prostate MRI for patients suspected with prostate cancer	640,000
Dr KKY Wong	Surgery	Advancing the management of children with chest wall deformities with 3D printing technology	187,000

2018

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr WHK Chiu	Diagnostic Radiology	Free Magnetic Resonance Enterography (MRE) for patients with inflammatory bowel disease (IBD)	400,000
Dr EYP Lee	Diagnostic Radiology	Free access to timely MRI evaluation in suspected cases of disease recurrence in female pelvic cancers	369,000
Dr HKF Mak	Diagnostic Radiology	Free Comprehensive Magnetic Resonance Imaging (MRI) scanning for needy patients admitted to Queen Mary Hospital with acute ischemic stroke or transient ischemic attack	80,000
Dr V Vardhanabhuti	Diagnostic Radiology	Free liver MRI with liver-specific contrast agents for patients with hepatocellular carcinoma (HCC)	450,000
Dr KH Chan	Medicine	Comprehensive investigations for encephalitis	448,800
Professor AYH Leung	Medicine	Provision of minimal residual disease (MRD) detection and monitoring services for patients with acute myeloid leukaemia (AML) in Hong Kong	1,092,810
Dr JCH Chan	Ophthalmology	Introduction of illuminated microcatheter-assisted circumferential trabeculotomy (IMCT) as the primary surgical procedure for pediatric glaucoma	106,600
Dr JJC Cheung	Ophthalmology	Endoscopic eyebrow lift surgery for eyebrow ptosis correction surgery	90,210

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr KC Shih	Ophthalmology	Intense pulsed light therapy in the management of moderate to severe ocular surface disease	400,000
Dr KWJ Wong	Ophthalmology	Introduction of iStent for glaucoma patients in public hospitals	1,600,000
Dr COA Tsang	Surgery	Hear Together - Auditory Brainstem Implant	873,600

2017

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr TC Lam	Clinical Oncology	Improving access of MRI in palliative cancer patients to prevent spinal complications	706,752
Professor ML Lung	Clinical Oncology	Non-invasive real-time monitoring and next-generation sequencing of circulating tumor cells for improved personalized treatment of metastatic colorectal cancer patients	956,000
Dr MY Ng	Diagnostic Radiology	Free cardiac MRI for sick and poor patients	600,000
Dr V Vardhanabhuti	Diagnostic Radiology	Provision of computed tomography imaging before Transcatheter Aortic Valve Implantation (TAVI) for patients with aortic valve stenosis	612,240
Dr CLD Lam	Medicine	Testing for plasma EGFR mutations in advanced stage non-small cell lung cancer	284,144
Dr CHP Lee	Medicine	Establishing an optimal genetic screening strategy for identification of germline mutation in southern chinese with pheochromocytoma and paraganglioma	591,740
Professor AYH Leung	Medicine	Provision of free azacitidine as maintenance therapy for haematopoietic stem cell transplant recipients at high risk of relapse from acute myeloid leukaemia	840,000
Professor WK Leung	Medicine	Provision of small bowel capsule endoscopy and balloon-assisted enteroscopy to patients with small bowel diseases	242,500
Dr WKW Seto	Medicine	Serum Enhanced Liver Fibrosis (ELF): a validated marker for the non-invasive diagnosis of advanced liver fibrosis and cirrhosis	987,050
Dr YHD Yap	Medicine	An anti-phospholipase A2 receptor antibody monitoring program for patients with idiopathic membranous nephropathy	547,746
Dr KKW To	Microbiology	Rapid molecular diagnosis for hospitalized patients with respiratory tract infection	866,564

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor EHY Ng	Obstetrics and Gynaecology	Free preimplantation genetic diagnosis service for monogenic diseases and translocation carriers to prevent offspring with severe medical conditions	2,000,000
Dr JCH Chan	Ophthalmology	Introduction of micropulse laser transscleral cyclophotocoagulation as a non-surgical treatment option for glaucoma patients in Hong Kong West Cluster	470,800
Dr JCH Chan	Ophthalmology	To introduce CO2 laser assisted deep sclerectomy for glaucoma patients in Hong Kong West Cluster	743,200
Dr JJC Cheung	Ophthalmology	Medpor orbital implant for evisceration, enucleation and orbital reconstruction surgery	162,000
Dr NKB Choy	Ophthalmology	Use of fibrin glue for pterygium surgery	324,000
Dr NKB Choy	Ophthalmology	Treatment of ocular surface disease in glaucoma subjects with topical cyclosporine eye drop	427,140
Dr JPY Cheung	Orthopaedics and Traumatology	Teriparatide for improving lumbar spinal instrumented fusion outcomes in the elderly	1,772,480
Dr SP Ho	Paediatrics and Adolescent Medicine	Provision of serum tumor markers tests in osteosarcoma and other paediatric sarcomas	74,740
Dr CLT Wong	Surgery	Provision of 11C-acetate and 18F-fluorodeoxyglucose positron emission tomography –computed tomography for detection and monitoring of treatment response for hepatocellular carcinoma patients	840,000

2016

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor PL Khong	Diagnostic Radiology	The University of Hong Kong PET/CT scan: A state-of-the-art imaging facility available to all	1,988,000
Dr Tommy T Cheung	Medicine	Provision of free herpes zoster vaccine for patients with inflammatory arthritis requiring biologic therapies	558,000
Professor JCS Chim	Medicine	Application of two cycles of Bortezomib as Consolidation after autologous stem cell transplantation in multiple myeloma	774,000
Professor AYH Leung	Medicine	Provision of free decitabine for young patients with acute myeloid leukemia (AML) carrying DNMT3A mutation	700,000
Dr EWC Tse	Medicine	Provision of obinutuzumab (anti-CD20 monoclonal antibody) to elderly and/or unfit patients with chronic lymphocytic leukaemia	888,000

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor JSM Lai	Ophthalmology	Biologic agents therapy in non-infectious uveitis	913,032
Dr Y Hu	Orthopaedics and Traumatology	Provision of diffusion tensor imaging for cervical spondylotic myelopathy diagnosis in elderly	770,800
Dr CL Cheung	Pharmacology and Pharmacy	Genetic screening service of HLA-B*38:02 in people prescribing antithyroid drug	899,708
Dr W Gao	Surgery	Determination of human papillomavirus status in head and neck cancer	542,000

2015

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr KO Lam	Clinical Oncology	Improving access to chemotherapy in locoregionally advanced esophageal and rectal cancer for the poor and sick	234,120
Dr V Vardhanabhuti	Diagnostic Radiology	Free liver mri with liver-specific contrast agent for patients with hepatocellular carcinoma (HCC)	337,500
Dr PHM Chan	Medicine	Provision of free B-type natriuretic peptide testing for poor and sick patients with fluid overload to improve heart failure management	270,750
Dr PHM Chan	Medicine	Free computed tomography coronary angiography for poor and sick patients to evaluate for coronary artery disease	480,000
		Provision of free non-vitamin K antagonist oral anticoagulants for poor and sick patients with atrial fibrillation who have high ischemic stroke risk	694,080
Professor AYH Leung	Medicine	Provision of free next generation sequencing (NGS) service of prognostic and therapeutic values for patients with acute myeloid leukemia in Hong Kong	1,836,000
Professor WK Leung	Medicine	Use of fecal calprotectin for diagnosis and monitoring of patients with inflammatory bowel disease	500,000
Dr GHH Singh	Medicine	Determination of prognosis in patients with myelofibrosis using novel molecular markers	448,000
Dr WK Szeto	Medicine	Provision of controlled attenuated parameter measurements for the identification of non-alcoholic fatty liver disease and disease monitoring of liver cirrhosis	189,900
Dr LK Ng	Ophthalmology	To introduce boston keratoprosthesis for the treatment of corneal blindness in Queen Mary Hospital	249,460

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr YW Chan	Surgery	Provision of provox freehands flexivoice for laryngectomees afer laryngectomy for carcinoma of the larynx and hypopharynx	379,560
		Serological follow-up of nasopharyngeal carcinoma patients and high-risk population	448,575
Dr TS Wong	Surgery	Genomic DNA testing in selection of oral tongue cancer patients for target therapy	692,900

2014

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr VHF Lee	Clinical Oncology	Magnetic Resonance Imaging (MRI) for monitoring treatment response in patients with inoperable hepatocellular carcinoma treated with transarterial chemoembolization (TACE) and/or radiotherapy	583,020
Dr HKF Mak	Diagnostic Radiology	Free comprehensive Magnetic Resonance Imaging (MRI) scanning for needy patients admitted to Queen Mary Hospital with acute ischemic stroke or transient ischemic attack.	10,200,000
Dr WWK Seto	Medicine	Provision of serum quantitative hepatitis B surface antigen measurements to optimize disease monitoring and risk stratification of chronic hepatitis B	717,780
Professor CW Lam	Pathology	Undiagnosed disease program for ending diagnostic odyssey	1,050,000
Dr W Gao	Surgery	Radiochemotherapy sensitivity test on throat cancer	485,099
Dr KKY Wong	Surgery	Provision of advanced minimally invasive treatment for children with pectus excavatum	548,000
Dr STS Wong	Surgery	Detection of cancer-associated bacterial biota in patients with oral tongue carcinoma	999,423

2013

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr VHF Lee	Clinical Oncology	Complimentary EBV DNA testing for the poor and sick patients diagnosed to have nasopharyngeal carcinoma	570,100
Dr VHF Lee	Clinical Oncology	Granulocyte-colony stiumlating factor (G-CSF) support to prevent neutropenia and its complications for patients receiving palliative chemotherapy for their stage IV metastatic cancer	661,680
Dr EYP Lee	Diagnostic	Free MRI scans for optimal treatment planning in financially needy	504,000

Project Leader	Department	Project Title	Awarded Amount (HK\$)
	Radiology	patients with cervical cancer	
Professor CS Chim	Medicine	Use of bortezomib during conditioning of autologous stem cell transplantation of international Stage III myeloma	774,000
Professor AYH Leung	Medicine	Provision of free sorafenib for patients with refractory or relapsed acute myeloid leukemia to bridge them to curative bone marrow transplantation	927,000
Dr YHD Yap	Medicine	A therapeutic drug monitoring program of mycophenolic acid in patients with lupus nephritis	132,000
Dr YHI Wong	Ophthalmology	To introduce Ranibizumab (Lucentis) for the treatment of retinal vein occlusion to Queen Mary Hospital	1,032,000
Dr WYJ Lee	Ophthalmology	The introduction of minimally invasive glaucoma surgery for public patients and skill transfer to non-glaucoma and junior eye doctors	932,607
Professor GCF Chan	Paediatrics and Adolescent Medicine	Molecular diagnosis for childhood cancers: defining the prognosis and stratifying the proper treatments	838,587
Dr BHY Chung	Paediatrics and Adolescent Medicine	Genomic Medicine for ALL - State of Art testing for Hong Kong Children with Genetic Conditions	1,929,880
Dr YW Chan	Surgery	Establishing the keratinocyte culture platform in skin bank for use in treatment of chronic skin ulcers and sever burn injury	906,424
Dr STS Wong	Surgery	Human papillomavirus screening for early head and neck cancer detection	964,220
Professor YL Kwong	Medicine	Provision of free azacitidine for high-risk patient with myelodysplastic syndrome (MDS)	1,792,000
Professor US Khoo	Pathology	HER2 Dual ISH test to eligibility for Trastuzumab (Herceptin) in breast cancer patients receiving treatment from public hospitals	319,640

2012

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr CW Cheung	Anaesthesiology	Implantation of intrathecal pump for cancer pain patients	448,400
Dr JWH Tsang	Clinical Oncology	Study of the OncotypeDx 21-gene assay and its impact on the treatment decision making process among Hong Kong Chinese breast cancer patients.	503,475
Professor PL Khong	Disgnostic Radiology	The University of Hong Kong PET/CT scan: A state-of-the-art imaging facility available to all	3,330,000
Professor JSM Lai	Ophthalmology	To introduce ExPRESS shunt in glaucoma filter surgery for the treatment of glaucoma at Queen Mary Hospital	286,000
Dr DCL Lam	Medicine	Clinical application of different driver mutations and biomarkers in lung cancer	648,200
Professor YL Kwong	Medicine	Provision of bendamustine for the treatment of non-Hodgkin lymphoma and chronic lymphocytic leukemia	1,643,520
Dr BHY Chung	Paediatrics and Adolescent	Comprehensive genetic evaluation of children with autism spectrum disorders in hong kong	917,440

Project Leader	Department	Project Title	Awarded Amount (HK\$)
	Medicine		
Dr JCS Chim	Medicine	Genetic study (FISH Study) for personalized treatment of multiple myeloma	420,000
Professor CW Lam	Pathology	The first prospective second generation newborn screening in Hong Kong	973,819.20
Dr RKY Tsang	Surgery	Provision of plasma EBV DNA titre assay for detection and monitoring of treatment response in nasopharyngeal carcinoma and other EBV related tumours in the Head and Neck Region for poor patients	1,032,648
Professor WI Wei	Surgery	Speech rehabilitation after total laryngectomy - self help and mutual help	814,000
Dr KKY Wong	Surgery	Provision of modern surgical care to poor children with congenital anomalies in southern China	770,000
Dr CK Yeung	Medicine	HLA-B*58:01 allele screening to reduce allopurinol-induced severe cutaneous reactions in patients with chronic kidney disease in Hong Kong	413,928

2011

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor PKH Tam	Surgery	Advancing laparoscopic skills in China - an extension of the current laparoscopic workshop scheme	706,000
Professor SWK Cheng	Surgery	Endovascular aortic stent graft program for treating aortic dissections	1,005,800
Dr BHY Chung	Paediatrics and Adolescent Medicine	Provision of molecular diagnosis for patients with birth defects/genetic conditions in Hong Kong	1,000,000
Professor ANY Cheung	Pathology	HPV detection as an adjunct for triage of atypical cervical cytology in screening for cervical cancer	1,348,983
Dr VHF Lee	Clinical Oncology	Complimentary EBV DNA testing for the poor and sick patients diagnosed to have nasopharyngeal carcinoma	602,880
Dr RKY Tsang	Surgery	Bone-anchored hearing Aid for the hearing impaired not suitable for conventional hearing aids	543,600

2010

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr DTM Chan	Medicine	Provision of HBVDNA assays for Immunosuppressed HBsAg-positive kidney transplant recipients and patients with kidney diseases	95,000

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor SWK Cheng	Surgery	Endovascular aortic stent graft program: A minimally invasive standard for treating aortic diseases	704,000
Professor MG Irwin	Anaesthesiology	Radiofrequency therapy for chronic and cancer pain patient	323,200
Dr US Khoo	Pathology	HER2 FISH test to assess eligibility for Trastuzumab (Herceptin) in breast cancer patients applying for assistance from Samaritan Fund for treatment	409,852
Professor YL Kwong	Medicine	Provision of clofarabine for the treatment of relapsed or refractory acute leukaemia	600,000
Dr DCL Lam	Medicine	Establishment of Molecular Tests for Personalized Therapy Regime for lung cancer	346,020
Dr VHF Lee	Clinical Oncology	Complementary EBV DNA testing for the poor and sick patients diagnosed to have nasopharyngeal carcinoma	675,000
Dr AYH Leung	Medicine	Provision of free sorafenib for patients with refractory or relapsed acute myeloid leukemia to bridge them to curative bone marrow transplantation	600,000
Professor PKH Tam	Surgery	Establishing SK Yee Medical Foundation Clinical Fellowships	411,900
Dr SCW Tang	Medicine	Provision of free mycophenolate mofetil for IgA nephropathy patients with persistent proteinuria despite maximal angiotensin blockade therapy in Hong Kong	382,560
Dr AYM Wang	Medicine	Providing Intravenous Paricalcitol Treatment to the Sick and Poor Chronic Hemodialysis Patients for Severe Secondary Hyperparathyroidism Resistant to Existing Vitamin D Analogs	739,784
Professor WI Wei	Surgery	Brainstem Implant for 6 profoundly deaf Chinese patients	382,800
Professor WI Wei	Surgery	Head and Neck Course in China - to update current surgical techniques and patient care options for doctors and nurses in relatively underdeveloped areas in China. This will benefit those poor patients suffering from head and neck cancer in China.	142,000
Professor WI Wei	Surgery	Speech rehabilitation after total laryngectomy - self help and mutual help	352,200
Dr KKY Wong	Surgery	Development of minimally invasive surgery service for children in centres in rural China	508,552
Professor Jimmy Lai*	Eye Institute	To introduce Ologen implant in glaucoma filter surgery for the treatment of glaucoma at Queen Mary Hospital and United Christian Hospital	231,000

* Project Submitted in 2009 and awarded in 2010

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor ANY Cheung	Pathology	HPV detection as an adjunct for triage of atypical cervical cytology in screening for cervical cancer	865,500
Dr PL Khong	Diagnostic Radiology	The University of Hong Kong PET/CT scan: A state-of-the-art imaging facility available to all	1,000,800
Dr AYH Leung	Medicine	Provision of free molecular tests for patients with acute myeloid leukemia with normal cytogenetics	631,536
Dr Hu Yong	Orthopaedics and Traumatology	Implementation of individualized brain computer interface design for spinal cord injury patients	330,000
Professor PKH Tam	Surgery	Improving the surgical care of sick children in Hong Kong by providing cutting edge minimally invasive and robotic surgery	1,009,207
Dr Carol Yu	Eye Institute	Establishment of oculoplastic service at The University of Hong Kong/Queen Mary Hospital	911,736

2008

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor SWK Cheng	Surgery	Endovascular aortic stent graft program: A minimally invasive standard for treating aortic diseases	640,000
Professor YL Kwong	Medicine	Provision of new anti-fungal drugs free-of-charge to patients with blood cancers and after bone marrow transplantation who are suffering from invasive fungal infections	993,866
Dr AYH Leung	Medicine	Provision of free service for serum polyoma BK virus quantification to kidney transplant recipients in Hong Kong	692,700
Dr KKW Li	Eye Institute	A new rehabilitative treatment for patients with visual loss from macular degeneration - The telescopic intraocular lens implant (IOP-VIP System)	919,525
Professor PKH Tam	Surgery	Establishing a quaternary pediatric gastrointestinal center for Hong Kong	1,994,050
Professor WI Wei	Surgery	Head and neck course in China - to introduce current surgical techniques and patient care for doctors and nurses working in relatively underdeveloped areas in China. This will benefit those poor patients suffering from head and neck cancer in China.	227,000
Professor HF Tse	Medicine	Direct endomyocardial injection of autologous bone marrow cells for treatment of patients with "end-stage" Ischaemic heart failure	1,665,000

2007

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor SWK Cheng	Surgery	Percutaneous plaque excision for lower limb salvage in peripheral arterial occlusive disease	600,000
Dr Yong Hu	Orthopaedics and Traumatology	Biomechanical and Electrophysiological Guidance for Low Back Pain Rehabilitation and Prevention	629,400
Dr PL Khong	Diagnostic Radiology	The University of Hong Kong PET/CT scan: A state-of-the-art imaging facility available to all	720,000
Professor YL Kwong	Medicine	Provision of ibritumomab for the treatment of lymphoma	480,000
Dr AYH Leung	Medicine	Provision of free alemtuzumab (anti-CD52) to patients with chronic lymphocytic leukemia refractory to conventional chemotherapy	611,288
Professor PKH Tam	Surgery	Offering surgical care to poor children with major congenital anomalies in rural China	527,700
Professor WI Wei	Surgery	Speech rehabilitation after total laryngectomy - self help and mutual help	562,620
Professor WI Wei	Surgery	Head and Neck Course in China - to introduce techniques of contemporary operations and patient care for doctors and nurses working in relatively underdeveloped areas in China.	217,500
Professor WI Wei	Surgery	bone-anchored hearing aid for the severe deaf patients	968,040
Professor David Wong	Eye Institute	To introduce bevacizumab for the treatment of macular degeneration and diabetic retinopathy to Queen Mary Hospital	340,000

2006

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr AOO Chan	Medicine	Double balloon enteroscopy for patients with small bowel disease	656,640
Professor SWK Cheng	Surgery	Endovascular aortic stent graft program for treating acute aortic dissections	804,000
Professor ANY Cheung	Pathology	HPV detection – an adjunct to triage of atypical cervical cytology in screening for risk of cervical cancer	711,200
Professor YL Kwong	Medicine	Provision of oral arsenic trioxide free to patients with cancers	410,000
Professor PKH Tam	Surgery	Offering laparoscopic surgical workshops in china	1,093,600

2005

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr AOO Chan	Medicine	Infliximab for patients with refractory Crohn's disease	720,000

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Professor RTF Cheung	Medicine	Development of Chinese-language versions of internationally-accepted stroke training materials for healthcare professionals treating Chinese stroke patients	1,077,364
Professor RTP Poon	Surgery	Training courses on radiofrequency ablation for liver cancers	344,000
Professor PKH Tam	Surgery	Further expansion of the “Train-the-Trainers” programme for paediatric surgery in China	845,462
Professor WI Wei	Surgery	Cochlear implant for 10 profoundly deaf Chinese children in Hong Kong	1,250,000
Professor WI Wei	Surgery	Cochlear implant for 14 profoundly deaf Chinese children in China	1,790,000
Professor WI Wei	Surgery	Head and neck course in China – to teach techniques of contemporary operations and patient care for doctors and nurses working in relatively underdeveloped areas in China	343,000
Professor WI Wei	Surgery	Speech rehabilitation after total laryngectomy – self help and mutual help	511,194

2004

Project Leader	Department	Project Title	Awarded Amount (HK\$)
Dr LWC Chow	Surgery	Chemosensitivity testing service for selection of chemotherapy in breast cancer patients	1,158,753.20
Professor YL Kwong	Medicine	Provision of free cytogenetic and molecular testing for monitoring of disease relapse after bone marrow transplantation	2,027,538.60
Professor CY Lo	Surgery	Establishment of a comprehensive service and registry for hereditary familial endocrinopathy syndromes in Hong Kong	1,048,771.20
Dr WW Lu	Orthopaedics and Traumatology	Use of a new bioactive bone cement in the treatment of osteoporotic spinal fracture	493,880