

List of Medical Equipment Required by TWGHs Hospitals (2022/2023)

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
Tung Wah Hospital					
MA-1	Endoscope Cabinet	The equipment is designed for drying and storage of endoscopes. It can store up to 8 to 10 endoscopes and preserve the microbiological quality of the endoscopes for few days preventing from recontamination.	2,000	2	310,000
MA-2	Automated Endoscope Reprocessor	The equipment runs automatically to reach high-level disinfection for endoscopes and accessories such as bronchoscopes, gastrointestinal endoscopy endoscopes, cystoscopies and colonoscopies through exposing their outside surface and interior channels into disinfectant to kill all microorganisms and minimize the risk of transmission of infectious agents.	2,000	1	328,760
MA-3	Video Head Impulse Test System	The equipment is a bedside instrument which provides information of Vestibulo-Ocular Reflex for all six semi-circular canals. It can compensate for the shortcomings of existing tests and offer more information for doctors to make accurate diagnosis.	100	1	320,000
MA-4	Cysto-Nephro Videoscope	The equipment is operated by visualizing the bladder through the urethra performing biopsy or treatment such as hemostasis by small instrument.	2,000	0	220,176
MA-5	Flexible Bronchovideoscope	The equipment is for examination of patient's throat, vocal cords, endotracheal intubation and tissue extraction for examination and analysis.	250	0	204,550
MA-6	Haemodialysis Machine	The equipment is used to provide haemodialysis service for end-stage renal patients by removing uremic toxins to sustain their life.	200	0	200,800
MA-7	Flexible Uretero-Renovideoscope	The equipment is performed by visualizing patient's urethra, bladder, ureter and renal pelvis wall to facilitate diagnosis and performing medical procedures such as renal stone lithotripsy and biopsy.	250	1	199,000
MA-8	Warming Unit	The equipment is used for warming peritoneal dialysis fluid to physiologic temperature for peritoneal dialysis.	100	1	104,200
MA-9	4K Ultra High Definition Monitor with Portable Trolley	The equipment provides 4K Ultra High Definition image during minimally-invasive surgery for enhancing surgical precision.	500	1	100,000
MA-10	Electrosurgical Unit	It is a carer-controlled wheelchair driven by electricity which can reduce fatigue of carer and the risk of losing control when travelling down a slope. The wheelchair will be used for patients transportation from wards to the Department of Physiotherapy.	1,000	0	55,000
MA-11	Carer-Controlled Electric Wheelchair	It is a surgical knife used in Operating Theatre for precise skin and organ cutting as well as coagulation of blood vessels by applying high frequency alternate polarity radio-wave electrical current.	2,000	1	34,980
MA-12	Electric Hospital Bed	The bed is designed with low height and narrow width for fall prevention and wards cubicle area with limited space available.	365	2	29,800
No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
Kwong Wah Hospital					
MB-1	External Chest Compression Machine	To maintain efficient and continuous chest compressions for patients in cardiac arrest, so that medical staff can take care of the patient's other medical needs during resuscitation.	900	1	178,000
MB-2	Ultrasound Probe	For examination of different parts and organs of the body.	17,000	5	133,350

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MB-3	Dynamic Standing Balance Training System	This equipment provides standing balance and upper limb function training to stroke or physical disability patient. The equipment can be used with balance board and interactive computer game to promote maximum use of cognitive, motor and sensory activity of patients.	300	1	126,070
MB-4	Fluorescence Microscope	The equipment is used for rapid detection of Mycobacteria by screening low magnification of auramine O stained fluorescence slide. It can enhance laboratory service for rapid diagnosis of Mycobacteria and provide suitable treatment for patients.	41,339	0	67,342
MB-5	Drug Delivery Powered Platform Trolley	The trolley is driven by front wheel which equipped with Speed Governor and Automatic Park Brake to limit maximum speed and ensure safety whilst stationary. It facilitates the delivery of heavy loads of drugs and intravenous fluid from Pharmacy to wards.	36,000	1	65,800
MB-6	Shower/ Bathing Trolley	This trolley can transfer dependent or bed-ridden patients from beds to bathrooms for safe patient showering and bathing.	500	1	64,880
MB-7	Ultrasound Probe	The device creates a picture of body tissues and organs by ultrasound imaging technique to facilitates diagnosis for provision of appropriate treatments. The device also assist doctor to locate accurate vein to insert "Peripheral Insertion Central Catheter line" to patient at Pediatric/Neonatal Intensive Care Unit to receive medication and Intravenous fluid infusion and reduces pain from frequency puncture.	320	1	60,000
MB-8	Portable Ventilator	To assist respiratory failure patients to maintain normal breathing and facilitate lifesaving during transfer.	1,000	1	58,660
MB-9	Jacobs Ladder	The equipment provides safe and effective rehabilitation training for climbing to help patient especially for construction worker resume work.	300	1	55,300
MB-10	Tablet Counter	This device counts tablets efficiently and accurately. It saves the dispensers' manhours in counting medications manually.	116,000	0	54,200
MB-11	External Defibrillator/ Pacemakers	In emergency situation, the equipment generates current for therapy of cardioversion or defibrillation. The therapy can quickly resume patients' heart beats from arrhythmia to normal rhythm. If the heart rate is slow, the equipment will stimulate the heart to a desirable rate.	4,800	2	49,000
MB-12	Physiological Monitor	The equipment is used for continuous monitoring of patients' vital signs, especially the patients in unstable and critical conditions after operation, with the aim of early detection of changes in patients' physical conditions.	8,388	2	49,000
MB-13	Cordless Driver Handpiece	The system is a surgical battery-powered instrument to provide power to operate various accessories or attachments to cut hard tissue or bone during general surgical procedures.	150	2	42,500
MB-14	Microscopic Camera for Microscope	To take pictures for microscopic specimens for documentation.	1,000	0	39,800
MB-15	Arthroscopy Shaver Handpiece	The shaver is used in trimming, debridement and removal of soft-tissue and loose bone during arthroscopic surgery.	80	2	39,620
MB-16	Electric Shower Trolley	The equipment is an unique facility for transferring the dependent or bed-ridden patients from bed to bathroom so as to ease the manual handling workload.	1,500	0	39,000
MB-17	Blood Bank Centrifuge	The equipment is used for rapid detection of blood grouping and antibody, crossmatch. It shortens the time for selection of compatible blood for transfusion, especially for trauma patients or patients undergo emergency operation.	6,000	0	25,300

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MB-18	Lumbar Puncture Simulator	lumbar puncture is a medical procedure in which a needle is inserted into the spinal canal to collect cerebrospinal fluid for diagnostic of the central nervous system diseases, including the brain and spine. This simulator facilitates training with reality which can enable enhancement of patients' health outcomes and safety.	400	0	23,000
MB-19	Camera Lens	The lens is used to connect the endoscope and the camera receiver to display the surgical image on the screen during minimally invasive surgery.	120	0	22,980
MB-20	Capnograph and Oximeter with Accessories	The system is used to measure a wide range of a patient's physiological signals simultaneously, including end-tidal carbon dioxide (ETCO ₂) concentration, respiration, heart rate, oxygen saturation and pulse rate to assist in the diagnosis of critically ill patients.	3,000	0	21,180
MB-21	Blood Bank Incubator	The equipment is used for raising temperature of blood grouping cassette to enhance rapid detection of blood grouping and antibody, crossmatch. It shortens the time for selection of compatible blood for transfusion, especially for trauma patients or patients undergo emergency operation.	6,000	0	20,000
No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)

TWGHs Wong Tai Sin Hospital					
MC-1	Gait and Walking Trainer	It is a training device for simultaneous control of unloading, posture and balance on a treadmill or firm surfaces. The dynamic unloading design is suitable for patients in a wide range of gait disorders and helps to maintain proper posture, reduces load, eliminates balance problems and improves motor coordination training.	1,000	0	115,200
MC-2	Non-Invasive Pacemaker Defibrillator Biphasic and Accessories	For treatment of patients who suffer from bradycardia and are irresponsive to medication.	500	1	73,290
MC-3	Interferential Therapy Machine	The machine provides both interferential therapy and ultrasound therapy and can treat soft tissue / muscle inflammation, tennis elbow, back and neck pain, etc. by improving circulation, reduce inflammation and relief pain.	500	1	68,100
MC-4	Patient Hoist	The device is used to transfer dependent patients. It is also equipped with weight measurement function for measuring the weight of patients with immobility.	1,600	3	50,000
MC-5	Portable Oxygen Concentrator	The equipment is designed for outdoor use to increase oxygen in blood, decrease stress to heart and lung, reduce shortness of breath, thus improving physical function and quality of life. The equipment is suitable for patients with chronic obstructive pulmonary disease.	500	6	36,000
MC-6	Treatment Table	The table is designed with adjustable angle and height for daily training. Safety of training could enhance with the use of knee block and standing harness.	2,000	0	35,000
MC-7	Auto Continuous Positive Airway Pressure Ventilator	The equipment is used for diagnostic and treatment for obstructive sleep apnea disease. It can reduce patients' fatal complications, such as heart disease and stroke.	300	1	30,753
MC-8	Ultrasonic Bladder Scan	The equipment uses non-invasive portable tool instead of the traditional catheterization to assess the function of urinary bladder by measuring the pressure and volume of fluid in bladder during filling as well as storage and voiding of urine. It can also avoid possible trauma related to catheterization.	3,000	0	28,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
Tung Wah Eastern Hospital					
MD-1	Patient Simulator	The simulator with interactive features, same as patient with breathing, airway, speech, sound, blood pressure and electrocardiogram. Nursing staff provide care and treatment under different situations. It can provide effective clinical training for nursing staff.	All Staff	1	190,000
MD-2	Electrosurgical Unit	It is a surgical knife used in Operating Theatre for skin and organ cutting as well as coagulation of blood vessels.	120	1	125,720
MD-3	Multi-Functional Dynamic Upper Limb Training System	The system provides graded support according to patient's upper limb function for upper limb training and training of functional performances of the upper limbs such as eating and writing.	900	1	49,500
MD-4	Cognitive Training System	It is a localized cognitive program for brain exercise and is developed referring to daily living habits of local senior and traditional Chinese culture. It aims to increase independence, sense of expression and achievement of users through the interesting and stimulating games and activities.	600	1	27,600
MD-5	Smart Therapy Ball	The ball is used with an interactive recovery program to combine ball exercise with interactive games which allows the patient to play interactive games while performing a variety of rehabilitative ball exercises. The ball is equipped with motion and pressure sensors for precise force and movement tracking. The data obtained helps therapist monitoring progress and managing recovery programs.	1,200	0	22,200
MD-6	Paraffin Bath Machine	The equipment is used to warm paraffin to provide relief from sore joints and muscles of the hand or other body parts.	1,000	0	21,570
No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
TWGHs Fung Yiu King Hospital					
ME-1	Virtual Reality Rehabilitation System for Elderly Persons	This system uses the virtual reality technology to create a virtual environment in which near-real training in various scenarios can be provided for elderly patients at different phases of rehabilitation. The training is specifically designed to train major rehabilitation domains including musculoskeletal, balance and equilibrium, neurological and cognition function.	500	1	129,300
ME-2	Touch Screen Bedside and Transport Patient Monitor Set	The equipment is a disintegrated hand-carry monitor and can be detached from main monitor. All patient vital signs can be seamlessly transferred during patient transfer. Patient safety could be enhanced especially during emergency.	4,800	4	111,180
ME-3	Cryopneumatic Injury & Recovery Treatment System	The system provides active compression and cold therapy that can relieve pain and swelling due to acute inflammation. It can also encourage blood flow, stimulate tissue healing and enhance lymphatic function. With the portable design, the device can be used both in the physiotherapy department or hospital wards.	100	1	40,300
ME-4	Innovative Rehabilitation Training Pads	The pad is an innovative rehabilitation system which enables therapists to design individualized exercises on balance, coordination, weight-bearing and cognitive skill training for patients with different functional levels. The system is composed of different colored pads, it provides immediate and evaluative feedback type therapeutic training which is both effective and enjoyable to patients. The system is particularly suitable for elderly patients. The system is wireless and can be used on floor or wall-mounted, therefore enhancing the portability and flexibility in use by therapists and patients.	150	1	34,500

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
Rehabilitation Services					
CA-1	High Energy Inductive Therapy Machine	Generate strong magnetic field to achieve therapeutic effect of pain control, eliminate muscle tension and activation of regeneration processes.	500	1	238,400
CA-2	Gait and Walking Training Trainer	Provides gait and walking training to allow walking training with reduced body weight and to reduce the risk of fall.	500	1	187,500
CA-3	Focused Shockwave Therapy Machine	Provide strong and precise shockwave to stimulate the healing process of soft tissues.	500	1	99,900
CA-4	Electrotherapy	To decrease pain, muscle tightness and promote blood circulation by electrical stimulation.	20	1	79,800
CA-5	Traction System	Provide neck and back traction for relieving muscle tension, pain and intervertebral disc pressure.	500	0	70,800
CA-6	Enraf Sonopuls 492 & Vacotron 460	Combined device with Ultrasound and Interfering current therapy. Ultrasound therapy can increase blood flow to an area in order to accelerate the resolution time of the inflammatory process and stimulate the production of collagen (the main protein in tendons and ligaments) during tissue healing. Interfering current therapy devices deliver electrical impulses through the skin into the deeper layers of damaged tissue. This specific type of electrical pulse has been shown to be beneficial for pain relief, muscle stimulation, increased local blood flow and reduced edema.	20	1	49,110
CA-7	Electric Shower Trolley	Provides a comfortable, safe and clean shower process for a bed bounded and frail patients.	244	5	45,400
CA-8	Gait Trainer	Provide walking training.	500	1	37,580
CA-9	Interactive Weight-bearing Exercise Platform	The equipment provides whole-body vibration stimulation for the improvement of osteoporosis and easing its related musculoskeletal problems. In addition, to improve blood circulation and fracture healing.	60	1	36,800
CA-10	Vibration exercise machine	Use an advanced vertical acoustic vibration system that produces natural acoustic vibrations below 50 Hz and accurately controls frequency and intensity to stimulate the muscle, bone, nervous system and endocrine system. It is more effective than general vibration therapy without injuring joints and ligaments, effectively strengthens muscles and eliminates fat, increases muscle torque and explosive force, and strengthens flexibility in physical activity.	50	1	32,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CA-11	Enraf Endomed 182V	Interfering current therapy devices deliver electrical impulses through the skin into the deeper layers of damaged tissue. This specific type of electrical pulse has been shown to be beneficial for pain relief, muscle stimulation, increased local blood flow and reduced edema.	20	0	26,730
CA-12	Nursing Cart	<ul style="list-style-type: none"> The number of compartments can be adjusted flexibly, which is convenient for storing ointment. The body is light and has 4 movable wheels, which can easily help residents to apply ointment in the room With key lock 	177	2	25,000
CA-13	Safety Walker	<ul style="list-style-type: none"> A walking training tool for home residents with reduced mobility. The hi-low function reduces transfer risks for both patient and physiotherapist when the patient is raised/lowered to/from the standing position. Adjustable handgrips enable the patient to take a firm hold, the U-shaped table supports and the back/suspension straps prevent falling. The straight steering device helps the patient walk straight ahead. Walker has brakes on two castors. Walker's open sides give the physiotherapist free access to the patient's hips, knees and ankles for assisting gait training. 	107	1	23,000
CA-14	Vital Sign Monitor Set	A Monitor set connecting blood pressure monitor with oximeter & thermometer which allow clear display & continuous monitoring functions.	50	0	18,000
CA-15	Oxygen Concentrator	Provide oxygen therapy for clients with chronic obstructive pulmonary disease or chest infection; and to provide supplementary oxygen during chest physiotherapy.	500	0	16,800
CA-16	Smart Weight Scale with Ultrasonic Height Measure	<ul style="list-style-type: none"> Measure height, weight and BMI No contact, high ultrasonic volume, reduce the chance of cross-infection of germs Accurate and fast weight and height measurement Automatic calculation of BMI Fast (thermal) print records 	120	1	16,500
CA-17	Electric Hospital Bed with Mattress	Electric hospital beds can be raised and lowered at the head, feet and their entire height. It not only can enhance the quality of care for the severely handicapped patient, but also to reduce the risk of work injury. With pressure relief mattress can prevent pressure sore.	528	5	15,000
CA-18	BiberPlus+ NMES for dysphagia system	BiberPlus+ is a NMES device for dysphagia rehabilitation in order to achieve a contraction of the suprahyoid muscle while maintaining patient comfort. DP200 can provide 2 channel stimulation for both muscle associated with swallowing and facial. A trigger button is provided for caregivers or therapists to match the swallowing's timing. A LED display provide the stimulation progress and setting for treatment.	80	0	10,920

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CA-19	Cordless Bed Monitoring Intelligent Bed Exit Alert Systems	Reduces fall risk of patients by monitoring their motion on bed. It can be placed in a convenient location within the room or even outside the door, reducing tripping hazards and eliminating broken or tangled pad cords. Multiple sensor pads can be paired with the same monitor, plus an additional device such as pendant, motion sensor or bathroom alarm.	93	0	8,000
CA-20	Digital Blood Pressure Monitor (Movable)	Use with mobile tripod, two measurement modes (automatic and auscultation) can be selected, with automatic memory storage function to make the measurement more accurate	57	0	7,600
CA-21	Reclining Chair	The backrest can be freely adjusted to meet the needs of different sitting and lying rests for a long time.	163	1	5,200
CA-22	SWITCH and Nintendo Switch Ringfit Adventure	Ring-Con™ and Leg Strap could measure real-world actions and help turn them into in-game movements. With additional minigames and customizable workout routines, Ring Fit Adventure is great escape for players of all skill levels and schedules.	100	0	4,000
CA-23	Doctor Life	Using the air compression therapy, decrease the swelling of body by facilitating venous return.	15	0	3,998
CA-24	Automatic Pills Cursher	A replacement of crushing pills by hand, makes sure the pills are fully crushed to serve patients in needs, especially those who need tube feeding.	93	0	3,990
CA-25	Wheelchair	By using wheelchair, it can facilitate the aged disabled with their companion to have outdoor activities.	110	0	3,850
CA-26	Pressure Relieve Mattress	To relieve pressure from the body of its user and is used by persons who are at risk of developing pressure ulcers/bed sores.	57	0	3,600
CA-27	Shower Commode Chair	Can be used in the shower or positioned over the toilet. Designed to assist those who have difficulties using the toilet or standing for extended periods of time in the shower.	57	0	3,200
CA-28	Gyenno Bravo Twist	Clients suffer from neurological disorder (e.g. Parkinson's disease, brain injury etc.) often unable to feed themselves due to the hand tremor caused. The Gyenno bravo twist provides powered compensation for the incoordination of client's hand when using spoon and fork, thus minimizing the embarrassment of spilling food around and increase the chance of independent feeding.	200	0	2,380

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Elderly Centre					
CB-1	Emsella	It induces supramaximal pelvic floor muscle contractions, which are extremely important in muscle re-education of incontinent patients.	50	1	398,000
CB-2	Pneumatic Strength Training System	Use air pressure as resistance to perform muscle strength training for upper and lower limbs.	300	1	110,000
CB-3	Tyromotion Pablo	Pablo is an active limbs training tool. Pablo provides interactive computerized training. Client can gain more visual feedbacks during training. Other than limbs training, it provides cognitive training in order to enhance comprehensiveness of training. Pablo can record clients' range of motion during training so therapist can monitor clients' progress.	100	1	99,900
CB-4	Rehabilitation gait training system with body weight support	Rehabilitation gait training system with body weight support helps elderly with poor lower limbs strength and balance to walk in a safe environment so as to promote the walking ability.	250	1	96,000
CB-5	Boditrak 2 Pro bed pressure sensor	Boditrak 2 Pro bed pressure sensor can assess immediate pressure distribution in lying position for therapist to choose the suitable pressure relieving aids, such as pressure relieving mattress. Other than that, Boditrak 2 Pro bed pressure sensor is able to record continuous pressure change. Therefore, therapist can assess lying position of clients and to prescribe the suitable aids for improvement.	75	1	85,000
CB-6	MOTomed muvi	Active/passive lower limb and upper limb training equipment (interactive arm/leg cycling) can provide active upper/lower limb mobilizing exercises or muscle strengthening exercises to the elders. Besides active training, the equipment can also provide electrically assisted training to frail elders. The simultaneous function of the equipment can provide both the leg and arm training at the same time. Equipped with a color screen, the equipment can provide real-time biofeedback, which can motivate the elders to exercise more and provide useful data.	204	1	81,000
CB-7	TECAR Diathermy Therapy	TECAR diathermy therapy can obtain a homogeneous, deep and particularly comfortable heat distribution deep inside the injured tissue for facilitating recovery.	1,000	1	80,000
CB-8	Hot Magner Therapy	Hot magner therapy is combined with magnetic fields, heat and vibration. The thermal effects can be transmitted to deeper body structures. It can effectively improve blood flow, speed up the metabolism and healing process in order to relieve pain, reduce muscle spasms and reduce inflammation.	1,500	2	80,000
CB-9	4-Channel Electrotherapy/ Ultrasound Combo	Electrotherapy is widely used to relieve pain, muscle stimulation, increase local blood flow, and reduce edema. It has been reported to be effective in relieving pain in musculoskeletal disorders. Ultrasound can effectively reduce inflammation and relieve pain of soft tissue damages by promoting blood circulation and speeding up the repair process of the damaged tissue.	2,000	2	72,000
CB-10	Boditrak 2 Pro Seat pressure sensor	Boditrak 2 Pro seat pressure sensor can assess immediate pressure distribution during sitting on wheelchair so therapist is able to choose pressure relieving aids, such as seat cushion. It is able to record continuous pressure change. Therefore, therapist can assess sitting position of clients so as to improve client's sitting position with aids.	75	1	65,000
CB-11	HEIWASCH Mobile Bedshower System	Bathing solution for bed bound clients.	50	0	50,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CB-12	Natrox Oxygen Wound Therapy	A simple device that continuously generates and delivers a minimum of 13ml/h pure oxygen flow rate (POFR) directly to the wound bed. Battery operated, portable, silent and can be maintained 24/7.	316	2	49,800
CB-13	2-channel Electrotherapy/ Ultrasound Combo EU-921	47 therapy parameters are pre-programmed for over 30 types of typical pathologies.13 types of frequently used current modes installed. It can relief acute and chronic pain , stimulate muscle growth, improve local circulation and reduce swelling.	100	1	48,880
CB-14	Wheelchair Stairclimber	It is used to convey wheelchair users up / downstair.	43	1	46,000
CB-15	Electric Shower Trolley	To provides a comfortable and safe shower process for a bed bounded and frail patients and reduces the risk of injuries for both patients and staff.	341	1	45,400
CB-16	CycleMotus	Cyclomotus provide upper and lower extremities exercise with different mode. - Passive training (0 Muscle Strength) Promote the blood circulation and relax muscles to raise brain consciousness stimulation. - Active and passive training (1-2 Muscles Strength) Fully transfer the residual muscle strength of users and encourage them to take initiative. - Active training (3-5 Muscle strength) Lead the trunk active force to stimulate the cardiovascular system and improve the endurance and coordination.	300	1	45,000
CB-17	Electrical Transfer hoist	The hoist helps care workers to transfer clients to and from geriatric chair and wheelchair so as to minimize risks of manual handling in daily care routine.	120	0	45,000
CB-18	Portable Oxygen Concentrator	A portable oxygen concentrator to deliver oxygen therapy for those who require oxygen during outing.	50	1	43,000
CB-19	Electric Lifter	The electric lifter assists our frail or disabled elders to transfer safely & reduces the risk of manual handling operation by staff.	45	1	42,000
CB-20	Light Therapy	Provides stimulations for bringing the biostimulative effects in molecular level so as to promote blood circulation in localized area, triggering the existing operative process etc. It also provides better treatment for the elderly and accelerate wound healing.	756	4	41,790
CB-21	Air purification and disinfection machine	Improve the air quality in residents living room and isolation room.	150	4	40,000
CB-22	Stimpod NMS460	Relieve chronic pain and neuropathic pain.	275	0	37,800
CB-23	Bladder Scanner	Measure residual urine capacity of bladder.	75	1	35,000
CB-24	Shower Trolley	Provides a comfortable and safe shower experience for elders who need to remain in a lying position, while to enhance the job safety for staff.	100	1	34,000
CB-25	Magnetic Field Therapy Machine	It is used to provide pain relief treatment, reduce joint swelling and promote bone healing in fracture case.	88	1	33,100
CB-26	Air Comfort Deluxe Seating System	The geriatric chair has total surface air pressure system which provides pressure relief and prevent pressure sores. The chair back angle can also be adjusted to allow better seating position and reduce the chance for long-term bed rest.	60	0	31,428
CB-27	V-Health Interactive Weight-bearing Exercise Platform	Vibariton therapy can improve various kind of musculoskeleton by improving the bone density.	255	0	31,200
CB-28	MIR SPIROLAB	Spirolab includes FVC, VC, MVV, bronchodilatory test comparisons, etc. In addition, the instrument is set up with a 7" color touch screen, as well as a fast and quiet built-in printing function, and its database can store up to 10,000 spirometry records.	200	0	28,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CB-29	Mobile Laser Machine with Laser applicator	Low level laser therapy machine can promote the wound healing and also a effective pain control modality for elderly.	40	1	26,380
CB-30	Portable Oxygen Concentrator	The oxygen concentrator is suitable for our elders with chronic obstructive pulmonary disease or heart failure. It is used to maintain their arterial oxygen at an optimized level, to reduce shortness of breath & prevent the complications of hypoxia.	20	0	26,000
CB-31	Stand-up Hoist	This can enhance the safety and comfort level of the residents when standing up and being transferred to facilitate activities of daily living and nursing care.	239	4	25,920
CB-32	Nero Portable Cognitive Training Kit	To enhance cognitive functioning e.g. short-term memory and reality orientation through home based cognitive training by portable cognitive training unit, which is essential for activities of daily living, reduce behavioral problems for dementia service users.	129	1	24,000
CB-33	Safety Walker	The Safety Walker is specially equipped with handles to support the user's walking. It is also equipped with an easy-to-stow rear support to prevent the user from falling backwards. In addition, its vertical lift seating cushion is also easy to adjust, which is convenient for users of different heights. It is also convenient for users to get in and out of the walker or make any transfers.	200	0	23,000
CB-34	Automated External Defibrillator	It is a portable electronic device that automatically diagnoses the life-threatening cardiac arrhythmias of ventricular fibrillation and pulseless ventricular tachycardia, and is able to treat them through defibrillation, the application of electricity which stops the arrhythmia, allowing the heart to re-establish an effective rhythm.	55	2	22,900
CB-35	Motorized Movement Therapy System	The training system equipped with various training mode including passive, assisted-active and active modes. It can allow physiotherapist to design suitable exercise protocol for elderly clients based on their physical abilities. Clients can undergo mobilization exercise training for increasing joints mobility with reduction on joint stiffness for relieving problems like pain and muscle contractures over lower limb. Furthermore, with adjustable training resistance, it allows elderly client to undergo muscle strengthening training for improving their lower limb muscle strength, and hence walking stability.	70	0	22,000
CB-36	Oxygen Concentrator	This device works by pumping indoor air into a container that separates oxygen from room air and concentrates it to provide oxygen continuously to users.	12	1	22,000
CB-37	Rapael Smart Pegboard	Rapael smart pegboard includes 3 different boards and pegs, which can be changed according to training needs of clients, for eye-hand-coordination training. It also provides several specialized training programmes such as unilateral neglect training for client with stroke and memory training for client with cognitive impairment. Apart from that, it can provide visual and auditory feedback for facilitating training.	75	0	20,000
CB-38	Edan X10 Patient Monitor	The Edan X10 Patient Monitor fulfills primary clinical requirements in monitoring our client's health. It including ECG, Blood Pressure, Pulse and SaO2 monitor. Rapid record and analyze client's condition Bi-Directional communication with Central Monitoring Station.	100	1	19,950
CB-39	Wheelchair scale	An electric and height-adjustment device to measure & monitor the weight of the wheelchair elders. It is secure and simple to use and it can reduce the frequency of adjustment and alterations before a lift.	80	1	19,800

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CB-40	Wheelchair	<ul style="list-style-type: none"> Aluminum bracket anti-moisture and anti-oxidation Non-fixed armrests/footrests are designed for easy handling and transfer With anti-reverse rod design lift pedal Front and rear handbrake control Foldable back for easy storage 	150	10	19,800
CB-41	Hot Magner Heat Therapy Unit	To produce a pleasant stimulus to a diseased part with magnetic flux, vibrations and heat therapy for pain relief and muscle spasm. It also helps improve metabolism and blood circulation for better recovery.	341	0	19,800
CB-42	CVT therapy PAD	The Niagara Thermo Cyclo Pad is a highly portable device ideal for those who have specific problem areas and want a portable therapy option while traveling. Incorporating a heat function, 3 massage settings and an easy to use wireless remote, the Thermo Cyclo Pad is great for anyone who needs a portable therapy device to suit their needs. Niagara Portable Devices can also be used in conjunction with the Furniture Therapy Systems for extra CVT application in specific areas.	100	1	19,000
CB-43	Splinting Bath	Splint Bath is used to melt splint material. It can be molded on foot and hand to fit their contour. The splint can protect the wounded body part from further damage and reduce inflammation.	76	0	18,600
CB-44	Vital Signs Monitor	Provides vital signs measurement, including blood pressure, pulse rate, pulse oximetry and body temperature which can effectively assess the physical condition of patient thus arrange medical treatment.	100	0	18,000
CB-45	Electro-cardiograph Machine	Measure the electrical activity of a patient's heart through harmless electrodes.	255	0	17,000
CB-46	Electric Nursing Bed	Equipped with side rails to prevent elders from falling off the beds. The backrest elevates their chest for ease of feeding and breathing. The knee-break elevates their legs to help preventing oedema. The whole bed can go up and down so it can facilitate elders to get off the bed easily and minimize the injury risk of caring staff during provision of bedside care.	70	1	15,000
CB-47	US-103S Palm-sized Ultrasound	3-MHz ultrasound is used to heat superficial tissues. The world's first hand-held ultrasound, features organic electro-luminescence display and ideal for both outdoor and indoor use. There are 5 main effects of ultrasound therapy, including reduce pain level, reduce muscle spasms, reduce joint stiffness, improve flexibility and improve circulation.	100	0	14,700
CB-48	Pharmacy Refrigerator	Professional pharmacy refrigerator for the safe storage of cold chain medicines.	60	1	14,490
CB-49	Electronic Chair Scale	1. Electronic Chair Scale is convenient for monitoring service user's body weight. The procedure would be safer and easier to operate. And reduce the risk of fall, especially for those with lower limbs weakness, who may fall due to sudden or sustained standing. 2. It enables the employees, e.g. care workers to reduce the physical burden when weighting the frail service users, which can protect the spine and joints of the staff. And also reduce the chance of injury caused by supporting the elderly.	180	3	13,015
CB-50	Comfort Reclining Wheelchair	A high performance comfort wheelchair with extensive set up options to fit a wide range of users. All day comfort is ensured with the reclining back, tilt in space seat and elevating footrest when combined with pressure distributing seat and back cushions.	145	6	12,500
CB-51	Vital Signs Monitor	Portable vital signs (SpO ₂ , NIBP, Pulse rate & Temp.) monitor, high resolution display, & Spot-check and continual working modes with alarm system.	415	0	11,000
CB-52	Cycloid Vibration Therapy Pad	The equipment can be used for frail elders to improve their circulation of limbs and joint flexibility, relieving muscles pain and the lymphoedema situation.	100	0	11,000

♥ List of Medical Equipment Required by TWGHs Community Services Units (2022/2023) ♥

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CB-53	Portable Ultrasound Machine	Ultrasound frequency can be applied on the affected body parts to reduce inflammation, relief pain and promote blood circulation.	88	0	11,000
CB-54	Interactive Projector	It is a projector which equipped with cognitive games. It can projects images onto table with touchscreen support. Cognitive functions like memory, sustained attention can be trained by games.	151	1	10,500
CB-55	Tilt shower commode chair	The whole chair can be reclined making it suitable for the users who have special needs as a shower chair, commode chair and transfer device.	55	1	9,000
CB-56	Mobile Monitor	Monitoring patients' vital signs including Spo2, blood pressure, body temperature and body weight.	150	4	9,000
CB-57	Path Finder	Path Finder is a shoe attachment containing a laser which projects visual cues (a green laser line) onto the floor to guide stepping movement of leg. This aims to reduce shuffling and freezing of gait and prevent falls in Parkinson's disease patients. It is tiny and easy to use which is suitable for home base training.	156	1	6,800
CB-58	Anti-Microbial TPU screen	Speedy & Simple setup Isolation area.	150	7	6,500
CB-59	Wrist Blood Pressure Monitor	Wrist-style design makes it easy to measure contractures in the elderly.	150	9	6,500
CB-60	Smart cells fall protection mats	Effective cushioning technology that reduces fall related injuries.	150	5	6,500
CB-61	Geriatric Reclining Chair	Back support of the chair can be reclined for elders with special needs in sitting.	341	7	5,830
CB-62	Turning Ripple Mattress	Provide regular turning automatically to improve blood circulation of elderly and relieve pressure in order to prevent the formation of pressure sore.	100	0	5,800
CB-63	Angle adjustable wheelchair	Provide adequate seating for frail-elders.	375	0	5,080
CB-64	Soft Foam Mattress	The product has a four-way stretchable and fluid-resistant cover. This one-piece U-Core base foam can enhance the degree of decompression and air permeability.	446	0	5,000
CB-65	uTrek Smart Fitness Machine	The incline angle in the uTrek Smart helps to maximize every workout session by providing an effective but low-impact cardio workout, which helps to increase the heart rate to burn more calories and fat. The abdominal muscles are also engaged to help stabilize your body as you propel yourself forward. While trekking, it will also activate major muscle groups in the lower body, building leg strength, toning and shaping the calves, quads, hamstring and glutes (butt muscles).	300	0	4,980
CB-66	Automatic Pills Crusher	Crush pills for elders who have swallowing difficulties.	240	0	4,900
CB-67	Rolyan incline board	Single or both hands training.	40	0	4,500
CB-68	Sensory gel pads	Through multi-modal sensory and motor training, to promote and maintain elder's sensory processing capabilities and fine-hand motor function.	255	0	4,120
CB-69	Compression Therapy System	It is used to reduce limbs oedema by providing stimulation on different body tissue, including the lymphatic system.	239	0	3,998
CB-70	Wheelchair	Transfer frail and immobilized elders or residences with walking difficulties safely.	95	0	3,850
CB-71	Suction Machine	A rechargeable suction machine, with an antibacterial filtering function, assists sputum suction and releases difficulty breathing.	60	0	3,675

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
Elderly Centre					
CB-72	Hand Grip Dynamometers	To identify nutrition needs by measuring muscle strength.	150	0	3,600
CB-73	ROHO Cushion	To relieve pressure during sitting.	40	0	3,230
CB-74	Bluetooth Scanner USB	Give the medications to the clients efficiently via the Bluetooth scanner USB connected with the computer system.	200	0	2,730
CB-75	Massage Gun	This can provide deep muscle treatment that uses rapid, repetitive strokes to stimulate blood flow and generate heat.	284	0	2,600
CB-76	Pressure Mattress	Adjustable pressure for frail elders to prevent the formation of pressure sore.	60	0	2,300
CB-77	Gel Mattress	Manufactured by its unique Akton polymer, it can evenly distribute and reduce pressure generated by sit posture, dissipating heat generated by contact with mattress. No need to use any air pump. No gel leakage due to breakage. Easy to clean and maintain with neutral soap or alcohol-free cleaner.	60	0	2,150
CB-78	Companion doll	A doll designed based on needs of local elderly needs, which responds to touches and sounds to interact with users. It also has a recording function.	120	0	2,020
No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)

Youth and Family Centre

CC-1	InBody 120	This machine apply bioelectrical impedance analysis (BIA) to measure body composition such as body fat, muscle mass, basal metabolic rate, etc.	200	1	24,000
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Acknowledgement Arrangement

Donation Category	Acknowledgement on Equipment*	Acknowledgement on TWGHs Website	Acknowledgement in TWGHs Annual Report
Medical and Rehabilitation Equipment	✓	✓	✓#
Donation of HK\$10,000 or above	-	-	✓

* Photo of the equipment will be sent to donor for retention once installation is completed. Acknowledgement will be expired upon the disposal of the equipment.

#For donation of HK\$10,000 or above.

Remarks:

TWGHs will start the procurement procedure of the equipment upon receipt of the sponsorship. Donor will be kept informed of the progress in due course. TWGHs may not be able to offer the aforesaid acknowledgement in Annual Report if the donation form is received after 7/1/2023.

Function of equipment is not fully enlisted due to limited space. Please contact 1878 333/2859 7597 for further details.



List of Medical Equipment still available

