

List of Medical Equipment Required by TWGHs Hospitals (2023/2024)

as of 22 Mar 2024

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
Tung Wah Hospital					
MA-1	Super Pulsed Laser System	The system is beneficial to the patient with significant benign prostatic hyperplasia and stones in urinary tract. It uses thermal energy from thulium fibre laser for lithotripsy and large-scale prostate enucleation, and can precisely remove hyperplasia in prostate gland and fragmentation of stones.	250	1	700,000
MA-2	Vestibular Diagnostic Unit	The equipment is a bedside instrument that uses electrocochleography (EcochG) for diagnosing Meniere disease and uses Vestibular Evoked Myogenic Potential (VEMP) to assess the integrity of utricle (oVEMP) and saccule (cVEMP).	100	1	609,900
MA-3	Breast Lesion and Tumor Radar Locator	The equipment makes use of advanced wireless radar detection technology to accurately localize suspected breast lesions and lymph nodes, thereby improves the precision of operations.	100	1	498,000
MA-4	Water Vapor Therapy System	This equipment is beneficial to patients with Lower Urinary Tract Symptoms (LUTS) caused by Benign Prostatic Hyperplasia (BPH). It can directly apply controlled doses of thermal energy in water vapour to the prostate gland, thus reduce the tissue volume and thereby facilitate the opening of urethra and relieving of LUTS. It can significantly shorten the recovery time of patients to recover.	60	0	486,500
MA-5	Endoscopes Cabinet	The equipment protects flexible endoscopes in a controlled environment. It can store 8 to 10 endoscopes, prevents damage and maintains microbiological quality for a few days to prevent contamination.	2,000	1	350,000
MA-6	Video Head Impulse Test System	The equipment is a bedside instrument which assesses the Vestibulo-Ocular Reflex of patients' semi-circular canals, thus provides more accurate information to doctors to facilitate diagnosis.	100	1	340,000
MA-7	Haemodialysis Machine	The equipment provides haemodialysis services for end-stage renal patients to sustain their lives.	200	2	300,000
MA-8	Balance Training System	The equipment provides fall prevention and balance training. It integrates cognitive games into training modules to facilitate patients' neuroplasticity and motor learning in immersive virtual reality environment. The training modules offer a variety of realistic setting to facilitate patients' training on daily activities skills, such as riding on moving subway, strolling in tourist hotspots, skiing, etc.	250	1	300,000
MA-9	Cysto-Nephro Videoscope	The equipment can access the bladder through urethra in order to view the internal conditions of bladder. It can also be used together with small instruments to perform biopsy or treatment like hemostasis.	100	0	198,290
MA-10	Bi-level Positive Airway Pressure (BIPAP) Ventilator	This equipment provides non-invasive, quick and effective respiratory support to patients with acute or chronic respiratory failure, so that the patients can avoid the invasive intubation procedure which may cause complications.	20	1	169,900
MA-11	Electrosurgical Unit	This is a surgical knife used in Operating Theatre for precise skin and organ cutting as well as coagulation of blood vessels through high-frequency polarity radio-wave electrical current.	500	0	49,990

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<b>Kwong Wah Hospital</b>					
MB-1	<b>External Chest Compression Machine</b>	To maintain efficient and continuous chest compressions of patients in cardiac arrest to facilitate medical staff taking care of patients' other medical needs during resuscitation.	900	1	198,000
MB-2	<b>Portable Ventilator</b>	To assist respiratory failure patients in maintaining normal breathing and facilitate life-saving during patient transfer.	1,000	0	130,000
MB-3	<b>Shower/ Bathing Trolley</b>	This trolley is used to transfer dependent or bed-ridden patients from beds to bathrooms for shower or bath.	500	1	68,880
MB-4	<b>Blood Bank Centrifuges</b>	The equipment is used for raising the temperature of blood grouping cassette to facilitate rapid blood grouping and antibody crossmatch detection. It can shorten the time for identifying compatible blood for transfusion, especially the patients with trauma or undergoing emergency operations.	6,000	0	63,356
MB-5	<b>Electrocardiograph Machine</b>	The machine records patients' heart rhythm and electrical activity, and displays as graphs, thereby provides immediate information on patients' heart conditions to healthcare professionals to facilitate diagnosis and provision of appropriate treatment.	300	0	60,000
MB-6	<b>External Defibrillator/ Pacemakers</b>	The equipment can continuously monitor patients' vital signs, especially unstable and critical patients after operations, for early detection of changes in patients' clinical conditions in order to provide appropriate treatment.	604	0	49,000
MB-7	<b>Transcutaneous Cardiac Pacemakers (Dual Chamber)</b>	The pacemaker (dual chamber) is a temporary stimulation device for atrial and ventricular, allowing A-V sequential stimulation for therapeutic, prophylactic and diagnostic purposes.	10	0	38,000
MB-8	<b>Physiological Monitor</b>	The equipment is used to monitor patients' vital signs, especially patients with unstable and critical conditions after operation. The healthcare professionals can continuously monitor patients physical conditions to facilitate early detection of clinical changes.	2,000	0	35,400
MB-9	<b>External Defibrillator</b>	The equipment can monitor patients' heart rate and provides electrical therapy during resuscitation in critical situation.	1,300	0	20,400
No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
<b>Tung Wah Eastern Hospital</b>					
MC-1	<b>Ophthalmic Surgical Microscope</b>	The microscope can provide magnified, illuminated and high-quality images of small structures, thus enables precise and complicated surgeries.	900	1	990,000
MC-2	<b>Creative Therapy Matti</b>	The Matti offers static and dynamic assessments, pressure mapping and a range of training programs to facilitate patients' recovery from stroke, traumatic brain injury or balance problems. It is also used for fall prevention and cognitive stimulation of elderly.	900	1	81,800
MC-3	<b>Treadmill</b>	To provide walking training in the ambulatory centre.	5,000	0	67,500
MC-4	<b>Interactive Virtual Hand Rehabilitation System</b>	This system captures real-time hand, forearm, and finger motion without attaching sensors to patients' bodies. It provides training exercises for improving patients' pronation and supination, strength and endurance of muscles, stabilization, finger coordination and proprioception of hands, thereby enhancing patients' daily functions of hands.	1,000	0	59,800

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
<b>Tung Wah Eastern Hospital</b>					
MC-5	Pharmaceutical Refrigerator	For storage of refrigerated drug items.	30,000	0	57,000
MC-6	Cognitive Training System	The system is tailored-made for Chinese elderly by incorporating traditional Chinese culture and elderly's daily living elements, with interactive, challenging and entertaining games and activities on physical and cognitive abilities to postpone the risk of decline in elderly's cognitive abilities.	1,200	2	47,600
MC-7	Ultrasound Bladder Scanner	The bladder scanner is used to diagnose, manage, and treat urinary outflow dysfunction and assess the need of catheterization.	3,000	0	27,500
MC-8	Smart Pegboard	The Smart Pegboard is a digital tool for enhancing the effectiveness of grasp and dexterity rehabilitation training of stroke patients. It revolutionizes the traditional therapy of repeatedly placing wooden pegs into a large board. This advanced solution offers three board shapes with Light Emitting Diode (LEDs) and engaging games to improve patients' hand-eye coordination, grasp and dexterity. The games provide sound and light effects which correspond to the outcomes, taking the games more enjoyable to patients and also facilitate their neuroplasticity. The games can also improve patients' concentration, memory and problem-solving skills.	1,000	0	23,390
MC-9	Life Glider	The Life Glider is a hands-free walking aid which prevents patients from falling when lose balance. It allows patients to walk upright without looking down at the ground and provides a seat for rest when required.	1,200	1	14,900
No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
<b>TWGHs Wong Tai Sin Hospital</b>					
MD-1	Functional Training System	The system can provide full-body training and assessment to patients. It is equipped with a unique device which can design personalized and comprehensive training according to the needs of individual patients. It provides real-time biofeedback of speed, distance, force and other parameters for objective assessment and training. It can improve patients' mobility, symmetry, muscle strength, endurance, and balance.	2,400	0	122,900
MD-2	Physiologic Monitor	The equipment is used to continuously monitor patients' vital signs to facilitate decisions on clinical treatment.	3,000	0	99,420
MD-3	Integrated System for Cognitive Assessment and Training	The system consists of 29 built-in cognitive assessment items and 40 computer games of different scopes and difficulty for providing comprehensive cognitive assessment and training to patients with cognitive deficits.	1,000	1	93,000
MD-4	EasyStand Glider	The device combines the features of glider machine and standing instrument. When patients move the handles with their arms, there will be reciprocal movements in the legs. As such, the patients' upper-limb muscles can be strengthened together with improvement of the range of motion of their lower-limbs.	2,400	1	92,260
MD-5	Neuromuscular Function Training System	This equipment provides full-body training, including balance, endurance, cognitive and limb movements.	6,000	0	80,000

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### TWGHs Wong Tai Sin Hospital

MD-6	Electrotherapy and Ultrasound Combo	The equipment consists of 5 independent channels, 4 for electrotherapy and 1 for ultrasound. The equipment adopts low beam nonuniformity which can prevent hot spots and tissue damage, and its blow-out system can maintain the cleanliness of the vacuum electrodes and prevent skin damage caused by suction.	1,800	0	68,100
MD-7	Hoist / Lifter with Scale	The hoist facilitates healthcare workers lifting and transferring dependent patients, so as to minimize work injury. It also includes a scale that can precisely measure patients' body weight for nutrition management nutrition and medication prescriptions.	1,600	2	50,000
MD-8	Adjustable Treatment Table	This table is used during patient assessment and daily activities training. The height can be adjusted to match with the needs of the patients and therapists.	1,000	0	30,000
MD-9	Portable Oxygen Concentrator	The equipment is used by patients with chronic obstructive pulmonary disease during outdoor activities. It can increase the oxygen in blood, reduce stress on heart and lungs as well as shortness of breath, thus improve patients' physical functions and quality of life.	500	0	26,500
MD-10	Electric Bed	This bed is for patients who are long-term bedridden or need partial assistance. The bed angle can be adjusted with remote control, it also has back and leg lifting functions as well as chair function, thus facilitate different postures of patients to enhance comfort. It is more convenient to the patients as they can sit up whenever they want. It can also reduce the workload of healthcare workers and minimize the risk of injury arising from manual handling of patients.	4,000	1	19,705

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### TWGHs Fung Yiu King Hospital

ME-1	Overhead Suspension Frame	The frame can assist patients' balance training. It can prevent fall during training by hanging the sling of patients' safety vest to the net frame. Combined with suspension straps and pulleys, the friction generated during joint mobilization exercises can be eliminated, thus enhances the range of patients' joint movement.	250	1	178,000
ME-2	Virtual Reality Balance Training System	The computer-generated virtual reality images are projected onto television to facilitate elderly patients better understanding on the instructions and requirements of the training. The system can improve patients' walking abilities and reduce the risk of fall.	500	2	125,800
ME-3	Mobile Speed Pulleys	The pulleys provide training on the muscle strength of upper limb to meet with the needs of daily activities, such as moving from the posture of sitting to standing, mobility manoeuvre with walking aid, so that patients especially elderly can regain mobility and return to the community.	500	0	34,700
ME-4	Electrical Bed	The bed is in three lengths, with greater flexibility and more choices to meet with patients' needs. The open architecture design facilitates disinfecting and cleaning, thus enhances the effectiveness of infection control.	7,300	5	22,050

## List of Medical Equipment Required by TWGHs Community Services Units (2023/2024)

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
<b>Rehabilitation Services</b>					
CA-1	Ceiling Hoist with rail	To provide a safe and respectful patient transfer of disabled people.	96	15	62,100
CA-2	MOMO Dynamic Arm Support	Enable clients with upper limb weakness to move their shoulders, elbows and arms themselves.	50	1	50,000
CA-3	Electric Shower Trolley	Side support with safety lock provides a comfortable, safe and clean shower process for user.	140	3	49,800
CA-4	Electrocardiograph Analyzer	<ul style="list-style-type: none"> <li>- Automatic capture of ECGs with one touch operation</li> <li>- On-screen preview of 12-lead waveforms and ECG results helps diagnosis</li> <li>- Multiple connectivity and export options for data access, transfer and storage</li> </ul>	600	0	48,800
CA-5	Robot Smart Mobility Aid	Provide sit to stand and standing training, enhance mobility and independence of user.	500	1	48,000
CA-6	Light Therapy System	Provides stimulation 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.	60	1	40,000
CA-7	Bioptron Pro 1 Light Therapy System with Floor Stand	The BIOPTRON Light Therapy System is clinically tested, proven & certified for the medical treatment of wounds, pain, dermatological disorders and skin problems.	10	1	40,000
CA-8	Electric Standing Bed	It allows users to easily control the height of the bed and the lifting angle of the upper back plate and lower knee plate while lying on the bed, which on the one hand can facilitate patients to sit up and move at any time.	250	2	35,000
CA-9	Automated External Defibrillator	Automatic guardianship defibrillation, detect, analyze and deliver life-saving shocks to patients with a stopped heartbeat.	600	3	30,000
CA-10	Oxygen Concentrator	Continuous flow of concentrated oxygen for treatment of heart disease and chronic obstructive airway disease case, also use in emergency resuscitation.	600	0	25,000
CA-11	HiLo Active Passive Trainer with mobile stand	Provide upper and lower limbs training to maintain and to improve limbs function.	500	0	24,500
CA-12	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.	30	0	24,000
CA-13	Ultra Low Nursing Bed	Distinct from traditional nursing beds, the ultra-low nursing bed can be adjusted to only 25cm from the ground, which helps to reduce injury from falling. The bed frame can also be raised to reduce risk of injury of staff during bedside care. The backrest and knee frame can also be adjusted, which facilitates eating and prevents lower limb edema by raising user's chest and legs.	50	0	23,800
CA-14	Safety Walker	Provide walking training.	500	0	23,000
CA-15	Electric Hospital Bed with Mattress	Electric function enables the user to adjust the back, knee and leg angles and bed height through the controller and allows the patient to prop up on bed. Such functions can help the care workers to alleviate the burden of transfer.	171	15	20,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CA-16	<b>Folding Portable Wheelchair Scale</b>	To enhance quality of care for the severely handicapped persons and to reduce the risk of work injury of the staff.	50	0	19,800
CA-17	<b>Ceiling Hoist</b>	Provide safe transfer equipment for severely disabled.	5	3	19,000
CA-18	<b>Scale for Ceiling Hoist</b>	The Maxi Sky Scale is designed for weighing residents whom are in mentally /physically handicapped.	200	4	18,000
CA-19	<b>Vital Sign Monitor</b>	The product designed for spot checking of residents vitals for important parameters such as NIBP, SPO2, temperature and heart rate. Using infrared ear temperature measurement technology, the ear thermometer can quickly read the figure of temperature in ~2-3 seconds, as well as transfer and display the figure on monitor by built-in WIFI between ear thermometer and vital signs monitor NC3.	710	5	16,000
CA-20	<b>Weighting Scale with quick connecting device</b>	This type of scale is intended to be used with Maxi Sky 2 ceiling lift to measure the weight of a patient who cannot stand on a scale.	104	1	15,000
CA-21	<b>Weighting Scale</b>	To enhance quality of care for the severely handicapped persons and to reduce the risk of work injury of the staff.	50	2	15,000
CA-22	<b>(Tailor-made) Portable small hand function training equipment</b>	Training of hand functions in home visiting services: including strength, dexterity, coordination, range-of-motion and daily functions (e.g. dressing, feeding, operation of electrical appliances, windows and doors).	80	1	15,000
CA-23	<b>Pharmacy Refrigerator</b>	Pharmacy Refrigerators are devices intended for the safe storage of pharmaceuticals. Fitted with an IntelliCold® controller 24/7 automatic temperature data logging. Free SD card when warranty registered, door lock with two keys.	104	0	13,800
CA-24	<b>Extra-low position hospital bed</b>	Distinct from traditional nursing beds, the ultra-low nursing bed can be adjusted to only 28cm from the ground, which helps to reduce injury from falling. The bed frame can also be raised to reduce risk of injury of staff during bedside care. The backrest and knee frame can also be adjusted, which facilitates eating and prevents lower limb edema by raising user's chest and legs.	93	0	12,700
CA-25	<b>Reclining Geriatric Chair</b>	Reclining high back chair equips with table top, abduction pillow and head support which help the user with a better sitting posture, and preventing fall risk of aged residents.	2	0	12,420
CA-26	<b>Weight scale with ultrasonic height measure</b>	Screening the weight, height and BMI.	400	1	12,000
CA-27	<b>COMEN life characterization instrument</b>	Measurement Data: Blood Pressure (NIBP), Pulse Oxygen Saturation (SPO2), Body Temperature (TEMP).	1,000	0	12,000
CA-28	<b>Shuttle resistance press-yellow</b>	It is a portable leg press focused on hip, legs and upper extremities. These are ideal for those recovering and rehabbing from hip replacements, hip fractures, knee replacements and other conditions.	25	1	9,980
CA-29	<b>Emergency cart</b>	Storage of emergency medication.	153	0	9,000
CA-30	<b>Standing box</b>	Standing training, stimulate the muscle of legs, balance muscle tension, promote blood circulation.	10	0	8,100

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CA-31	HB964-1658 Medical Screen – Rubber Sheet Height165CM (8 folds)	Medical rubber board screen: easy to clean or disinfect; Collapsible; Medical reels with height and brakes; Can be freely combined 4-10.	102	3	8,100
CA-32	Portable Pulse Oximeter	For monitoring blood oxygen saturation level and pulse rate.	600	0	6,500
CA-33	Stainless Steel Medicine Trolley	There are lock drawers, which is convenient for washing wounds and using them in different places.	57	1	6,220
CA-34	Diagnostic set	Use in medical diagnostic procedure including Otoscope and Ophthalmoscope set.	600	4	6,200
CA-35	Electronic LCD Hand Grip Dynamometer	Measures grip strength and hand strength, ideal for evaluating patients with hand trauma or dysfunction.	1,000	0	6,050
CA-36	Geriatric Chair	Geriatric Chair provides thick back and seat cushions which were designed based on human body posture. It does not only provide good support to prevent pressure point from prolong sitting. It also helps to improve sitting posture from user. It can be reclined up to 145 degrees for rest. It also includes a detachable table for dining or table tasks. Four wheels with locks are safe and easy for transferring user.	116	0	5,200
CA-37	Body Composition Monitor	Professional medical equipment to give an in-depth whole-body analysis by using the BIA technology. Through connecting with the mobile app (TANITA Health Planet), it can be easier to review the body status in charts and graphs anytime.	1,000	0	5,180
CA-38	All-Terrain Rollator	All-Terrain Rollator is specifically designed to navigate all the challenging off-road terrains. Soft sand, mud, gravel, grass, rocks, cobblestones (plus road and concrete).	10	0	5,000
CA-39	Pill Crusher	Crushing of medication.	600	0	4,300
CA-40	Portable Care Head Washing Machine	Hair and body washing for bed-ridden clients at home.	4	0	4,300
CA-41	Pharmacy & Vaccine Carrier	The Medisuper Portable Vaccine Carrier is designed to enable professionals to carry small amounts of vaccines in a lightweight 12L transportable carrier solving the problem of cold chain compliance on the move. The Vaccine Carrier comes with a convenient shoulder strap making it easy to carry and the interior features a basket with a divider to help separate vaccines if required. The temperature range inside of the vaccine carrier can be set at a required temperature between +2° to +8°C. The Medisuper Portable Vaccine Carrier uses a safe, gas free Peltier thermoelectric cooling system to ensure that temperature sensitive vaccines are kept within their required temperatures. It is supplied with both a main and in car power cable that can be plugged into a 12V DC cigarette lighter. There is an easy-to-read digital temperature display on the front of the Vaccine Carrier so that you can always check that the vaccines inside are maintained within the cold chain temperature range during transit.	40	0	4,200
CA-42	Bass guitar	Playing music.	12	0	3,500
CA-43	Wheelchair	Equipped with brakes, foldable chair back, movable armrests and footrests, suitable for elderly residents.	3	0	3,480
CA-44	Portable Keyboard (Piano)	Playing music.	12	0	3,200

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<b>Elderly Centre</b>					
CB-1	Emsella	Non-surgical Therapy Treatment of Incontinence and Sexual Dysfunction using Patented High-Intensity Focused Electromagnetic Technology (HIFEM).	60	1	398,000
CB-2	Electric ceiling hoist	The electric ceiling hoist is equipped with a ceiling track system, a motor unit with a spreader bar and sling hook system, a hand control and a patient sling. With the use of the ceiling hoist, the frail elderly can be transferred between bed and chair and from chair to toilet etc. This could help to reduce the risk of injury due to manual lifting of the elderly.	200	2	132,000
CB-3	Tyromotion Pablo System	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.	175	2	125,000
CB-4	Thera-trainer Balo Dynamic Standing Balance Training System	The THERA-Trainer balo is a therapeutic equipment to provide safe dynamic exercise of balance (postural control), and suitable for elders with risk of falling or for wheelchair users. With this trainer, exercising when standing up makes the elders breathing easier, stabilizing the circulation and stimulating the metabolism. The dynamic trainer also enables those affected to maintain or improve their balance and mobility.	135	2	108,000
CB-5	Personalized Blood Flow Restriction (PBFR) Training System	By restriction of the right amount of blood flow in limbs and performing a short period of Low Load Exercise to achieve muscle hypertrophy which is approaching the results obtained from high-intensity training. According to ACSM, achieving muscle hypertrophy would require clients to exercise at around 70% of 1RM, which virtually not every patient can afford such high exercise demand. By performing BFR, only 20% of 1RM is required and so it is a new exercise direction for all our patients.	1,500	0	100,000
CB-6	T6 Pro Recumbent Cross Trainer	A recumbent cross trainer provides a low-impact and full-body workout with multiple resistance levels. Increasing resistance will help the elders strengthen muscles, hence, burn more calories and reduce fat.	75	1	82,000
CB-7	Neofect Rapael Comcog	A gamified rehabilitation training program to promote user's cognitive function, including executive function, memory, attention etc.	255	1	81,000
CB-8	K-force Rehab-Exercises Assessment System	Analyze patient strength, movement and balance in real time. Use the app to quickly and easily set up and view measurements from connected sensors on the smartphone or tablet.	1,000	1	78,000
CB-9	Seat and back sensor	The sensor provides assessment to immediate pressure distribution of the elders in sitting position so therapist is able to choose pressure relieving aids, such as pressure relieving mattress, to reduce pressure ulcers. Also, it records continuous pressure change, for therapist to assess and improve sitting position of the elders.	75	1	72,800
CB-10	Vecta Delight Mobile Sensory System	It is a mobile station equipped with multisensory treatment apparatus. It can help to provide sensory stimulation to users, including sight, hearing, smell and touch.	255	0	72,774
CB-11	Multi-Channel Electrotherapy	Multi-Channel Electrotherapy provides electrotherapy and ultrasound treatment for frail elderly persons, so as to have pain relief and release from the stress generated by the pain.	75	1	68,100



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CB-12	<b>MOTomed Loop Parkinson</b>	MOTomed Loop Parkinson can provide active and passive training for upper and lower limbs, which can help improve muscle power and motor coordination. In addition, a specific mode for client with Parkinson's Disease is included, which enables quick, motor-assisted rotations so as to help reduce tremor and help to conduct daily movements purposefully. MOTomed Loop Parkinson is equipped with a 7" color touch screen, which facilitate the setup and switching modes. The height of soft grip handle and leg rest are easy to be adjusted, which can be fit for users of different heights.	200	1	59,800
CB-13	<b>Natrox Oxygen Wound Therapy</b>	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-14	<b>Lopital Reflex Shower - Toilet chair</b>	The electric shower-toilet chair is a medical device to care elders in washing, it can also be used as a toilet chair, in combination with a bedpan or bucket. The chair component can be electrically adjusted in height, to ensure safety.	50	2	49,000
CB-15	<b>Combined physiotherapy device with laser and electrotherapy</b>	Low level laser therapy machine can promote the wound healing and also an effective pain control modality for elderly. Electrotherapy can facilitate the pain control, massage, blood circulation and muscle contraction.	40	1	48,800
CB-16	<b>MOTomed Loop Light.la</b>	MOTomed Loop Light.la can provide active and passive training for upper and lower limbs, which can help improve muscle power and motor coordination. MOTomed Loop La is equipped with a 7" color touch screen, which facilitate the setup and switching modes. The height of soft grip handle and leg rest are easy to be adjusted, which can be fit for users of different heights.	200	1	48,600
CB-17	<b>Whole Body Vibration Therapy</b>	To prevent/improve osteoporosis, muscle strengthening, enhancing balance, prevention of fall via whole body vibration therapy.	316	2	46,000
CB-18	<b>Bladder Scan</b>	The bladder scan measures ultrasonic reflections within the patient's body to differentiate the urinary bladder from the surrounding tissue. It is a noninvasive portable tool for diagnosing, managing and treating urinary outflow dysfunction. Determine the need for catheterization.	150	1	45,000
CB-19	<b>Electric shower bed</b>	Equipped with functions of electric whole bed lift, whole bed tilt forward and whole bed tilt backward, it is convenient for care workers to use the whole bed lift function, and care workers do not have to bend over to take care of clients. The function of tilting the whole bed forward, the head of the bed is upward and the tail of the bed is downward, which is helpful for clients who are unable to walk to take a semi-standing posture on the bed, which is easy to drain water, and it is convenient to take sputum, which is helpful for the operation of cardiopulmonary, digestion and other body functions. It has a manual back lift function, which can be tilted forward with the whole bed, allowing the user to sit up/half stand. The guardrails on both sides can be raised and lowered.	490	6	41,800
CB-20	<b>Bioptron</b>	Bioptron Light provides stimulations with the biostimulative effects in molecular level so as to promote blood circulation in localized area. It also provides better treatment for the elders and accelerates wound healing.	395	2	40,000

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CB-21	Molift quick raiser 1host- u-shape	The Molift Quick Raiser is stable and maneuverable even in narrow spaces. The column imitates natural movement and the Molift Quick Raiser has a safe working load of 160 kg. The extra low base and narrow front makes for an easy fit around toilets, under most beds, chairs and wheelchairs. Being compact, light, and having a small turning radius.	3312	0	38,000
CB-22	Stimpod NMS460	To relieve chronic pain and neuropathic pain.	275	1	37,800
CB-23	Robot Cook	Designed for the healthcare sector, turns products into texture modified foods.	150	2	32,000
CB-24	Medication Cabinet	Drug and medicine cabinet for storage and dispensing.	191	2	31,880
CB-25	Portable Oxygen Concentrator	The equipment is used to deliver oxygen to elderly patients during functional training. The small-size feature facilitates its use in Physiotherapy department particularly suitable for managing elders with chronic obstructive pulmonary disease.	304	4	31,500
CB-26	Deep Oscillation Therapy	The equipment is used to generate electrostatic impulse within 5-200HZ on treatment area to facilitate microcirculation effect on tissue components. Especially effective in reducing pain, swelling and promote wound healing.	151	2	26,800
CB-27	LES100 Laryngeal muscle Performance Instrument with Biofeedback System	LES100 system includes 3 tension bars, android tablet and bluetooth connector. It is designed for strengthening suprahyoid muscle via the interactive games. With connection to mobile device, it provides real-time biofeedback about laryngeal muscle strength.	200	1	25,800
CB-28	Food Warmer	Electric heating system in addition to an polyurethane insulation, enable the cooked food attain the temperature of 60 to 90 degree Celsius.	200	4	25,100
CB-29	Oxygen Concentrator	Oxygen concentrator for the client at end stage of life who need oxygen therapy.	191	0	25,000
CB-30	Medication Trolley	Purpose-built medication trolley, ergonomic considerations regarding height of the working surface, and trolley weight, including being fitted with lightweight drawers.	200	4	24,500
CB-31	Motorized Movement Therapy System	The training system equipped with various training mode including passive, assisted-active and active modes. It allows 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	1	24,000
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.	316	2	24,000
CB-33	Tongue and lip muscle strengthening equipment	To objectively measure and improve patients' lip and tongue strength with biofeedback, so as to improve patients' swallowing ability.	255	0	24,000
CB-34	Comfortable low bed	As a low bed gives patients who are prone to falling greater freedom without needing to limit their mobility.	2	2	22,500
CB-35	Smart Rehabilitation Playball	The smart integrated sensors measure can track the hand performance of the elders including force and motion, and the exercise can strengthen their upper limb muscles and joints.	75	1	22,200

## List of Medical Equipment Required by TWGHs Community Services Units (2023/2024)

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CB-36	WarmAir & FilteredFlo	The WarmAir system helps maintain resident temperature and provide comfort and maintenance of normothermia.	50	1	22,000
CB-37	Rapael Smart Pegboard	The smart pegboard includes pegs with different colors, shapes and sizes. The smart pegboard has installed different games and programs for training the fine motor, eye-coordination and cognitive skills. The smart pegboard can provide the visual and auditory biofeedback in order to improve the interest to engage the training.	608	4	22,000
CB-38	Neeuro Senzeband Version 2	Non-invasive EEG headband which can not only safely capture attention, mental workload and relaxation, but also combine with games to assist neuro therapy, enhancing brain functions such as memory, flexibility, attention, spatial awareness, decision making, etc.	110	1	21,800
CB-39	Wheelchair Vibration Platform	This equipment provides body vibration training to wheelchair users to improve their bone density and prevent fracture risk.	150	1	20,000
CB-40	DYNAMO	DYNAMO measures the strength of different muscle groups of the elders with force visualization and analysis in real time.	200	1	18,700
CB-41	Rollz Motion Rhythm	The Rollz Motion Rhythm is specially designed for Parkinson's patients that includes multiple adjustable rhythmic cues that help one regaining or keeping up to walking pace. The projected laser line could trigger the user to break a freeze, while a metronome or repeating vibration in the handles could help set the pace. With application of Apps, the patient can adjust the pace upon his own situation.	20	2	18,500
CB-42	Scale for Ceiling Hoist	Scale for ceiling hoist helps to weigh physically handicapped patients safely.	231	2	18,000
CB-43	Wheelchair scale	A rechargeable digital wheelchair scale, can measure the body weight for the impaired mobility clients especially the chair bounded clients, can indicate the body mass index.	256	2	18,000
CB-44	2 Section Electric Treatment Table	Rehabilitative assessment, manual therapy and other therapeutic exercises can be performed for the elders safely and comfortably by the therapists with this treatment table.	120	1	17,000
CB-45	OTParvos	The system can motivate users in training with accessories and games to improve the motor control of the upper limbs, fine motor skills, their hand-eye coordination and cognitive ability.	75	1	15,500
CB-46	Pharmacy Refrigerator	Professional pharmacy refrigerator for the safe storage of cold chain medicines.	60	0	15,000
CB-47	S-AIRBAG Protective Vest	It can reduce 90% of the ground impact force, protect the body before falling, and prevent fractures. It mainly provides comprehensive protection for the head, neck, back, hips and pelvis.	191	1	14,600
CB-48	Reclined Geriatric Wheelchair	This reclinable geriatric high chair is equipped with wheelchair tyre and adjustable back to 180°. Elders can be escorted to attend outdoor activities or medical follow-up in a safe and comfortable way.	170	0	13,880
CB-49	Electric hospital bed	The electric hospital bed is equipped with the functions of raising the head of the bed, raising the end of the bed and lifting the whole bed, so as to facilitate the care of the frail elderly. The function of raising the head of the bed can facilitate the elderly sit up on the bed for eating or feeding. The function of raising the end of the bed can help minimizing the edema of the lower limbs. By adjusting the height of the bed to a suitable working height of staff could minimize the injuries of staff during bed care. The electric hospital bed is also equipped with two side rails to prevent the elderly falling from the bed.	200	0	12,700

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
CB-50	Emergency Cart	The emergency cart placing first aid kits with the movable design facilitates healthcare workers to perform first-aid duties on the spot when required urgently.	88	0	12,000
CB-51	Laptop computer for multimedia editing	A laptop for photo and video edit – it needs powerful processors and an abundance of RAM, through to quick SSD storage and dedicated graphics cards.	160	0	11,500
CB-52	Smart Television	The smart television can receive TV programs, connect to external devices, play videos, listen to broadcasts, and provide other functions.	135	0	10,000
CB-53	iPad Pro	It is convenient for therapists to provide cognitive training for the elders who suffer from dementia. It helps to maintain their cognitive ability and slow down the cognitive deterioration.	60	5	9,699
CB-54	Mobile Monitor	Monitoring patients' vital signs including Spo2, blood pressure, body temperature and body weight.	150	3	9,500
CB-55	Interactive Projector X Pro Plus	It is a projector which equipped with cognitive games. It can project images onto table with touchscreen support. Cognitive functions like memory, sustained attention can be trained by games.	255	1	9,250
CB-56	Leg Press	The equipment is used to strengthen lower limb muscle group.	239	4	8,900
CB-57	Reclining commode shower chair	The reclining commode chair facilitates the care workers to transfer the elders in daily care, thus avoiding work injury.	60	1	8,800
CB-58	Medical refrigerator	Temperature monitoring system to ensure that the temperature of the drug/vaccine is stable.	70	0	8,500
CB-59	Laptop computer	Laptop computer - a portable computer for paperwork and medical care use.	160	2	8,500
CB-60	Merits A1 Power Pack for Manual Wheelchair	Allow motorized attendant assistance, easy attachment to manual wheelchair, portable and lightweight.	90	2	8,300
CB-61	ITO ES-160 Electroacupuncture	ES-160 machine is a 6-channel programmable electroacupuncture device, which have various stimulation modes, benefit for acute and chronic pain release. Besides, which has various safety functions and memorable program function. It is very helpful for therapists to deliver electro-acupuncture treatments.	200	0	7,800
CB-62	iPad Air Wi-Fi 256GB with apple pencil	Able to display pictures and videos for speech therapy assessment and treatment. Supports applications that provide interactive exercises and immediate feedback to increase efficiency and motivation of training.	80	1	6,650
CB-63	Geri chair with lateral chest wall support cushion	The padded high-back recliner with wheeled castors supports the elders, to maintain a good sitting posture. It is also equipped with extra-thick cushions and chest pads to strengthen the support for the frail members and enhance the comfort level.	60	1	6,560
CB-64	Anti-Microbial TPU screen	Speedy & simple setup isolation area.	150	6	6,500
CB-65	Niagara Therapy Hand UNIT	The Niagara CVT Hand Unit is a highly portable therapy tool used to provide relief and treatment into isolated problem areas. Whether it is for your hands, knees or feet the Niagara Hand Unit is often in conjunction with other Niagara Devices and Full Body Therapy Systems to provide more versatile CVT treatment options.	5,520	0	6,500
CB-66	Geriatric Chair	Geriatric Chair provides thick back and seat cushions which were designed based on human body posture. It does not only provide good support to prevent pressure point from prolonged sitting. It also helps to improve sitting posture from users. It can be reclined up to 145 degrees for rest. It also includes a detachable table for dining or table tasks. Four wheels with locks are safe and easy for transferring user.	200	0	6,280

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK\$)
<b>Elderly Centre</b>					
CB-67	Vertical Vibration Trainer	The most suitable rhythm machine for the elderly, with zero burden and sufficient activity, strengthens bones.	70	1	5,800
CB-68	Reclining geriatric chair (with movable footrest)	The backrest and footrest can be adjusted separately; The headrest can be pushed forward to provide different angles of support; Full Chair Recline/Back Chair Active pedal.	150	3	5,800
CB-69	Wheeled Reclined High Back Chair	The chair can prevent sliding forward of those elders with poor trunk control, and the chair back is reclinable so that elders can lie down when they need to take a rest.	45	0	5,500
CB-70	Light Weight Handpush Wheelchair	The netweight of the wheelchair is 7.9kg. It comes with height-adjustable footrests and attendant brakes. The backrest can be folded for easy storage or transport.	100	0	4,530
CB-71	Suction Machine	A rechargeable suction machine, with an antibacterial filtering function, assists sputum suction and releases difficulty breathing. Moreover, remove secretions and foreign body from trachea or airway.	251	0	4,200
CB-72	Smart Television	The smart television can receive TV programs, connect to external devices, play videos, listen to broadcasts, and provide other functions.	60	0	4,000
CB-73	GYENNO BRAVO TWIST	To relieve hand resting tremor during meals for elders.	255	0	3,960
CB-74	Ripple Bed	An air mattress can be adjusted for firmness, providing a comfortable sleeping environment and preventing pressure sores. It can also be easily inflated and deflated for convenience.	371	0	2,780
CB-75	Wheelchair	The wheelchair can facilitate the elders with their companion to have more outdoor activities.	370	0	2,500
CB-76	Kit contact blade adaptor for ceiling hoist system	For relocation of charger system of ceiling hoist.	12	0	2,500
CB-77	Pinch Exerciser	Improve strength and coordination of upper limbs.	150	0	2,200
CB-78	Patslide	Patslide can be used for lying down to move patients across from a Shower Trolley, Operating Table, Bed, etc.	150	0	2,100
CB-79	Hip Abductor and Knee Extender	The positioning device can improve the sleeping posture joint conditions of lower limbs.	150	0	2,100
CB-80	Bluetooth Assistive Listening Headset	Facilitate everyday communication of people suffering from moderate to severe hearing loss, and enable bluetooth connection to mobile phones, TVs, computers, etc.	50	0	2,100

### 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 cumulative donation of HK\$10,000 or above within the financial year, TWGHs will arrange acknowledgement in its annual report by the Name of Donor/ Company.

#### 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 10/1/2024.

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

List of Medical Equipment still available

