

## List of Medical Equipment Required by TWGHs Hospitals (2021/2022)

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
Tung Wah Hospital					
MA-1	Digital Radiography System	To produce digital radiographic image for inpatients with immobility to facilitate diagnosis in order to provide appropriate treatments.	3,000	0	500,000
MA-2	Vertical Hanging Endoscope Drying Cabinet	The cabinet can store up to 18 endoscopes and preserve the microbiological quality of the endoscopes at the immediate reprocessing level for at least 72 hours.	3,000 - 4,000	0	262,800
MA-3	Radiofrequency Generator with Irrigation Pump	The system is used for treatment of venous reflux diseases and varicose vein by transmitting radiofrequency heat energy through a special catheter to seal up the unhealthy veins.	50	1	220,000
MA-4	Haemodialysis Machine	End-stage renal disease patients require 2-3 treatments of 5-6 hours a week. The machine is used to maintain the life of patients by removing uremic toxins and excessive fluid as well as correcting serum electrolyte disorder.	500	0	200,800
MA-5	Automated Peritoneal Dialysis Machine	The machine is used for peritoneal dialysis regimen on end-stage renal disease patients for removing uremic toxins and excessive fluid so as to correct serum electrolyte disorder.	100	0	113,400
MA-6	NeuroGym™	NeuroGym™ is a series of interesting and interactive personalized trainings which are designed based on different academic researches. It can help to monitor cognitive performance with the aim to prevent and detect dementia.	800	0	99,000
MA-7	Healthcare Assistant Robot	The machine is equipped with autonomous navigation, artificial intelligence system and voice control functions to perform simple tasks, such as one-stop monitoring of health indicators, room patrol and disinfection at designated time and location. It can automate simple tasks so as enhance the quality and efficacy medical services.	2,000	0	74,000
MA-8	Exercise Treadmill	The Treadmill is used for cardiopulmonary training and gait rehabilitation after stroke.	100	0	68,000
MA-9	Impairment Oriented Training System	The system consists of wearable wireless motion feedback devices and dedicated physical therapy rehabilitation software which provides functional rehabilitation training of head, trunk, upper (shoulder, arm, elbow and hand) and lower extremity (leg, hip, knee and ankle).	1,500	0	58,000
MA-10	Surgical Stirrups	The product is used for lithotomy positing during colorectal, laparoscopic and urology operations. It facilitates medical staff to adjust patients' leg position during operations to prevent nerve injury.	400	0	58,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
MA-11	Electric Hospital Low Bed	The bed is designed for fall prevention with its height being able to be lowered to 32cm from the floor.	365	5	34,020
MA-12	Bladder Scanner	The equipment adopts ultrasonic 3D imaging technology to provide real time bladder image to locate the bladder position and measure the internal urine volume. It can facilitate diagnosis of lower urinary tract problems for provision of appropriate treatments.	100	0	28,880

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Kwong Wah Hospital					
MB-1	Transcutaneous Oximetry	The equipment is used to measure the local oxygen released from the capillaries through the skin, thereby assesses the metabolic state of the lower limb in order to predict the wound healing and determine the amputation level, etc.	50	0	65,000
MB-2	Non-Contact Ophthalmic Tonometer	The equipment is used for diagnosis of glaucoma by measuring eye pressure. Its non-contact design enables testing without using anesthetics, hence reduces allergic drug reactions and corneal injury and infection.	300	0	62,800
MB-3	Uroflowmeter	The equipment measures patients' urine flow rate for diagnosis of detrusor contractability and level of bladder outlet obstruction to facilitate provision of appropriate treatments.	100	0	55,630
MB-4	Electrocardiograph Machine	The machine is used to record patients' heart rhythm and electrical activity, and the result can be displayed as graph and printed on paper, so as to provide immediate information on patients' heart conditions to health care providers to facilitate diagnosis and treatments, especially during cardiac emergency.	4,000	0	46,738

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
MB-5	Defibrillator Monitor	The equipment is used for continuous monitoring of the electrocardiogram of critically ill patients. It generates current for cardiac defibrillation in the event of cardiac arrest, thus increases the chance of being rescued.	500	0	46,000
MB-6	Universal Dual Plate	This plate is used as return electrodes for safe return of electrosurgical energy from patient's body during monopolar electrosurgery. The plate is placed beneath the patient during surgery. As it is not adhered to patient's skin, it eliminates the risk of adhesive related injury caused by the traditional "sticky" pads.	1,500	0	35,000
MB-7	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 facilitates diagnosis of lower urinary tract problems for provision of appropriate treatments. It can also reduce patient's discomfort and urinary infection caused by traditional catheterization method.	2,000	0	34,000
MB-8	Auto Continuous Positive Airway Pressure Ventilator	The equipment is used for patients with obstructive sleep apnea syndrome. The equipment adopts automatic positive pressure mode which can adjust the optimal pressure to the patient in order to maintain smooth breathing, thereby shortening the patient's hospital stay.	100	0	32,562
MB-9	Video Laryngoscope - Blade	The blade is used in combination with video laryngoscope to help patient maintaining breathing under general anesthesia. The video electronic laryngoscopes provides high quality video images which can improve patient's glottis visibility, thus facilitates anesthesiologists' endotracheal intubation procedures by shortening the intubation time and improving the safety.	1,600	0	25,300
MB-10	Sewing and Embroidery Machine	This machine can perform both sewing and embroidery functions. It is used to sew pressure garments for patients with skin scar to reduce scar formation, modify clothes for stroke patients with limbs function problem in order to enhance and increase their ability to perform daily living activities and sew the name of stillborn baby on its clothing as a gift from its parents.	500	0	22,980
MB-11	Patient Transportation Trolley	The trolley is used for transfer of patients with immobility.	300-350	0	20,000

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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					
MC-1	Multimodal Biofeedback and Neurofeedback System	The system is used to measure a wide range of a patient's physiological signals simultaneously, including electroencephalography (EEG), electrooculogram (EOG), slow cortical potential (SCP), temperature, respiration, muscle tension (sEMG), electrocardiography (ECG), heart rate variability (HRV), galvanic skin response (GSR), blood volume pulse (BVP) and oxygen saturation (SpO2), etc.	50	1	198,700
MC-2	Portable Ventilator	To assist respiratory failure patients to maintain normal breathing and facilitate lifesaving during transfer.	50	1	125,000
MC-3	Electric Examination Chair	The chair is used to position patients during eye examinations or treatments.	3,600	0	118,350
MC-4	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	110,950
MC-5	Multi-component Rehabilitation Training System	It is a multi-component rehabilitation training system with over 70 remedial games. It provides a large variety of training modules for patients. The system is equipped with 3D camera which can detect patients' physical posture and movements without using handheld tools. It also possesses posture analysis function which can provide feedback to patients for maintaining a better posture.	1,800	0	99,000
MC-6	Bedpan Washer	For cleaning and disinfecting patient care utensils.	4,000	0	90,000
MC-7	Smart Mat Package Training Series	The system provides training on balance and posture to patients recovering from stroke, traumatic brain injuries, spinal cord injuries or other musculoskeletal disorders. It can provide static and dynamic assessments, pressure mapping and a series of training through interactive training programs and virtual games with focus on core strength and lower body stability.	1,500	1	75,000
MC-8	Electric 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.	1,000	0	62,000
MC-9	Magnetopulse	The equipment can produce magnetic field to change the physiological and biochemical processes of tissue cells, thus reduce joint inflammation, facilitate analgesia, reduce swelling and promote blood and lymph circulation. It is used for fracture healing, wound healing and pain treatment.	1,000	0	60,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
MC-10	Elliptical Cross Trainer	The equipment provides three different exercise modes viz. stepping exercise, elliptical exercise and variable exercise to train multiple muscle groups and cardiopulmonary function. As the design of the training platform has low impact on joints, it can effectively improve coordination and prevent joint problems with reduced risk of possible bone and muscle injury.	800	0	53,388
MC-11	Queue Display System	The system will be installed at Outpatient Department with the functions of ticket dispensing and queue display. It can also arrange the sequence of blood taking and nurse interview.	18,000	0	48,500
MC-12	Electronic Balance	The equipment can provide speedy and reliable weighing of drug powders for dispensing to patients.	5,000	0	27,100

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
TWGHs Wong Tai Sin Hospital					
MD-1	Urodynamic Compact System	This equipment is used to assess the function of urinary bladder by measuring the pressure and volume of fluid in bladder during filling, storage and voiding of urine. It facilitates diagnosis of lower urinary tract problems for provision of appropriate treatments.	100	0	309,260
MD-2	Standup Wheelchair	The chair positions patient from sitting to stand-up posture, thus facilitates stand-up training of chair-bound, tall and weak patients.	1,000	0	91,000
MD-3	Non-Invasive Pacemaker Defibrillator Biphasic and Accessories	For treatment of patients who suffer from bradycardia and are irresponsive to medication.	500	2	73,290
MD-4	Active-Passive Exerciser	This equipment provides physical training to elderly patients. It allows active or passive mobilization of arms or legs and with adjustable resistance to suit patient's need. The training software provides graded interactive computer games that can motivate patients to engage in the training.	1,000	3	30,900
MD-5	Medication Trolley	The trolley is equipped with mounting and computing equipment, such as mount for computer workstation to facilitate implementation of the "In-patient Medication Order Entry System" so as to enhance medication safety.	500	2	20,426

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
Tung Wah Group of Hospitals Fung Yiu King Hospital					
ME-1	TREAX Pads	TREAX is an innovative rehabilitation system that enables therapists to design individualized exercises for balance, coordination, weight-bearing and cognitive skill training for patients with different functional levels. Composed of a number of differently colored pads, TREAX provides immediate and evaluative feedback type therapeutic training which is effective and enjoyable to elderly patients. The system is wireless and can be used on floor or mounted on wall, thus facilitates greater portability and ease of use by therapists and freedom of movement of patients.	150	1	49,500
ME-2	Cryopneumatic Injury and Recovery Treatment System	The system provides active compression and cold therapy that can relieve pain and swelling caused by acute inflammation. It can also encourage blood flow, stimulate tissue healing and enhance lymphatic function. It is particularly suitable to be used in early phase of bone fracture healing or after surgical operation. The device is portable in design that can be used inside the Physiotherapy Department or in hospital wards.	100	2	47,600
ME-3	Oxygen Concentrator	The equipment is used to deliver oxygen to elderly patients to maintain their arterial oxygen at an optimized level during functional training. The small-size feature facilitates its use in wards and Occupational Therapy Department, therefore reducing the risk of injury of hospital staff during patient pottering. The equipment is particularly suitable for managing elderly patients with chronic obstructive pulmonary disease or heart failure.	500	0	28,800

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
Equipment for Rehabilitation Services 					
CA-1	<b>Focused Extracorporeal Shockwave Therapy Unit</b>	Double layers of durable Piezo crystals produces strong and consistence shock wave, it is used for treating patients with musculoskeletal joint degeneration and pain.	1,000	0	300,000
CA-2	<b>Safety Walker</b>	To facilitate the training of elders and increase their mobility. It delivers gait training, sit-to-stand transfers and seated transfers. Adjustable saddle for easy transfers and gait training, equipped with handrails on either side, the height of the bars can be adjusted.	50	1	198,000
CA-3	<b>iTraining Rehabilitation System</b>	Provides physical tests and interactive physical training using iTraining Rehabilitation System. Physical tests include range of motion, posture and balance, etc.	500	1	134,611
CA-4	<b>Electric Walker/Treadmill</b>	Provides lower limb muscle strengthening, cardiopulmonary training; suitable to patients with lower limb joint degeneration, sports injury and poor cardiopulmonary function.	1,000	0	100,000
CA-5	<b>Pulsed Magnetic Therapy Unit</b>	Magnetic field penetrates body tissues to relieve patients' inflammation and pain. It also promotes blood and lymphatic circulation, as well as bone and wound healing.	40	1	81,600
CA-6	<b>Silver Spike Point (SSP) Electrotherapy Unit</b>	SSP therapy is a medium-frequency stimulation therapy that offers acupuncture-like effect to control pain effectively. It can be used to treat pain and musculoskeletal symptoms.	500	0	79,800
CA-7	<b>The Cough Assist Machine</b>	Provides effective chest physiotherapy by helping the disabled with breathing and assisting them to cough effectively so as to clear secretions from the lungs.	500	0	77,770
CA-8	<b>Passive, Assistive, Active Cycling</b>	Trains the muscle power, endurance and cardiovascular fitness of patients via electronic games.	40	1	69,500
CA-9	<b>LymphaTouch with Sport Mode</b>	Delivers negative pressure suction to manage lymphoedema, relieve muscle tension and reduce soft tissue adhesion. It can be widely used in patients with pain, postoperative lymphedema and sports trauma.	1,500	0	56,000
CA-10	<b>Electric Shower Trolley</b>	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.	225	8	44,000
CA-11	<b>Clinical Pilates Reformer</b>	Helps improve patient's strength of back muscles and core stability that can enhance body awareness and correct posture.	500	1	39,900

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
CA-12	Interactive Weight-bearing Exercises Platform	Provides whole-body vibration stimulation for the improvement of osteoporosis and easing related musculoskeletal problems.	60	1	36,800
CA-13	Electrocardiograph Analyzer	Automatic capture of ECGs with multiple connectivity and export options for data access, transfer and storage. On-screen preview of 12-lead waveforms and ECG results helps early detection and diagnostic support of heart problems.	1,000	0	36,500
CA-14	Electric Variable Height Tilt Table	Provides standing training to frail patients.	500	1	34,500
CA-15	Electric Lifter	To safely transfer frail patients with the electric lifter.	51	0	32,900
CA-16	Emergency Cart	For placing first aid kits. The movable design facilitates healthcare workers to perform first aid duties on the spot efficiently.	56	0	28,000
CA-17	Safety Walker	For Exercise Therapy and assist patients for walking and physical training.	50	1	25,000
CA-18	Oplate Cognitive Training Exercise and Control Unit	Provides perception and cognitive training on visual, auditory and tactile sensation feedback functions; upper limbs and lower limbs motor coordination training and facilitates social interactions to dementia or elderly patients which allow them to maintain functioning and delay degradation.	50	1	21,900
CA-19	Ultrasound Machine	Ultrasound frequency can be applied on the affected body parts to reduce inflammation, relief pain, promote blood circulation and wound healing.	500	0	19,560
CA-20	BOBO PRO Interactive Training System	Provides interactive physical training using video-game system in order to improve patients' motivation and interest in participating balance and limb exercise muscle training. It is designed in portable size for easily carrying to different places or centres.	500	0	19,000
CA-21	Multi-parameter Patient 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.	222	0	16,000
CA-22	Scale for Ceiling Hoist	Helps weighing physically handicapped patients safely while transferring them.	100	0	15,000
CA-23	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.	31	9	13,600
CA-24	Weight Scale with Ultrasonic Height Measure	Screens the weight, height, BMI and monitors patients' health.	102	1	11,000



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CA-25	The Iowa Oral Performance Instrument (IOPI)	IOPI objectively measures tongue and lip strength and endurance which helps the therapist to evaluate the treatment more effectively. It can also allow patients to view the training result thus strengthen their motivation to continue treatment.	30	0	10,000
CA-26	Geriatric Chair	Provides support and improve the sitting posture of patients with muscle degeneration.	9	3	6,000
CA-27	Kettler Fitness Bike	For training muscles and encouraging patients to enjoy exercise.	80	0	5,500
CA-28	Pill Crusher	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.	30	0	4,300
CA-29	SWITCH and Nintendo Switch Ringfit Adventure	Ringfit is divided into muscle training series, rhythm series, yoga series, etc., which allows patients to choose the most-suitable exercise for arms, abdomen, legs, etc. in order to improve their hand-eye coordination and agility.	100	0	4,000
CA-30	Fall Prevention Monitor	Reduces fall risk of patients by monitoring their motion on bed.	2	2	3,000

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<div>Equipment for Elderly Centre</div> 					
CB-1	Tyromotion Diego Plus Virtual Reality	Provides suitable stroke robotic training. It facilitates training with two unique systems: intelligent gravity compensation and virtual reality system which provides appropriate assistance to the elderly in completing the training, even for frail elder. Diego can also record elder's range of motion during training to help therapist understand their progress.	100	1	627,730
CB-2	HUR-5X Multifunction Machine	5X multifunction machine has five exercises: legs are exercised with leg extension and curl, arms and shoulders with push up, pull down and chest press. It helps enhancing the muscle strength of the elder thus reducing the risk of falls and relieve muscle tension.	80	0	184,800
CB-3	Ceiling Hoist System	It can be used at environment with small space. It is also simple and safe to use, and can be used with minimal effort but maximize safety for lifting and transferring elders.	204	2	102,000
CB-4	Multimedia Active / Passive Trainer	The system enables elder to experience cycling exercise together with interactive game which help in increasing the motivation of physical training of elder and strengthen their bones thus reducing the risk of falls.	250	1	90,000

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
CB-5	Tanita Body Composition Analyzer	Describes what the body is made of, differentiating between body water, protein minerals, and fat to provide more precise information beyond weight and BMI. It is easier for the elderly to grasp the physical changes before and after exercise, so as to develop a health plan that is suitable for them.	800	1	75,600
CB-6	Boditrak 2 Pro Bed Pressure Sensor	Assess immediate pressure distribution while lying so therapist is able to choose pressure relieving aids, such as pressure relieving mattress for elderly to reduce pressure ulcers. Also, it records continuous pressure change so therapist can assess and improve elderly's lying position.	100	1	75,000
CB-7	Soundbeam-Performance-Music Therapy	The sensor beams turn movement into beautiful music. It encourages elderly to move their body thus brings good impact to their physical, mental and social health development.	80	1	66,500
CB-8	Rehabilitation Treadmill	Helps elder with poor lower limbs strength and balance by providing different level's training so as to promote the walking ability effectively.	250	0	64,000
CB-9	Boditrak 2 Pro Seat Pressure Sensor	Provides assess to immediate pressure distribution while sitting on wheelchair so therapist is able to choose pressure relieving aids, such as pressure relieving mattress for elder to reduce pressure ulcers. Also, it records continuous pressure change so therapist can assess and improve elder's sitting position.	100	1	58,000
CB-10	Sonix Wave Full-body Workout Machine	The most advanced science to deliver to the human body by generating precise Sonic Wave of infrasound using the electromagnetic technology. It can control the frequency and intensity accurately to stimulate the muscles, bones, nervous system and endocrine system, thus maximizing the treatment achievement. It also helps improve the balance, muscle endurance, stability of the elderly and enhance their muscle strength and improve blood circulation.	3,552	0	55,000
CB-11	Electrotherapy	Includes a range of treatments using electricity to reduce pain, improve circulation, repair tissues, strengthen muscles, and promote bone growth, leading to improvements in physical functioning.	80	1	54,000
CB-12	Standing and Raising Aid	Enables workers to assist in sit-to-stand transition with enhanced occupational safety and reduce the chance of accident.	200	1	51,000
CB-13	Mobile Hoist with Scale	Assists in transferring frail elders and measuring elders' body weight with less risk of falls or skin abrasions.	150	1	48,000

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CB-14	Electric Shower Trolley	Provides a comfortable and safe shower process for a bed bounded and frail elderly yet reducing the risk of injuries for both patients and staff.	263	2	44,000
CB-15	Bladder Scan	Measures bladder volume in an accurate and non-invasively way while preventing unnecessary catheterization and relieve patient's pain.	278	1	41,700
CB-16	VitalStim Plus Electrotherapy System	Provides swallowing training and swallowing muscle stimulation for dysphagia patients in order to reduce the chance of aspiration pneumonia and improve their quality of life.	115	2	40,000
CB-17	Electrotherapy Unit	Its light design is convenient for carrying rehabilitation training at the elderly's home. It helps reduce inflammation, improve blood circulation hence enhance soft tissues healing.	316	1	40,000
CB-18	Light Therapy System	This therapy has the effects of clearing infection, inhibiting bacteria, and analgesic, improving blood circulation, and enhancing the healing speed of wound tissue.	401	1	40,000
CB-19	Chair Lifter	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.	700	1	39,000
CB-20	POWERHEART® AED G3 Pro®	For the rescue of cardiac arrest.	204	0	38,000
CB-21	Portable Oxygen Concentrator	A small and portable oxygen concentrator that allows elders in need to go beyond time and location constraint, thus enjoying longer time of outdoor social life.	300	1	35,000
CB-22	Tilt Table Plinth	Acclimates bed-ridden elders to standing for improving their bone density and circulation, prevent contractures and increase pulmonary ventilation.	100	1	35,000
CB-23	Combination Therapy Device	Ultrasound therapy and electrical stimulation are effective physical modalities for reducing acute and chronic musculoskeletal pain, decreasing muscle spasm, increasing muscle strength and improving range-of-motion over with sound clinical evidences. It enhances physiotherapists to combine treatment modalities for maximizing the outcome of treatment.	50	1	34,800
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.	254	0	34,000
CB-25	Anodyne 480	Emits Monochromatic Infra-Red Energy (MIRE) which stimulates the hemoglobin and other proteins in surrounding tissue to release Nitric Oxide(NO). This significantly increases blood circulation and reduces pain in the condition of impairment caused by poor blood flow.	174	0	32,900

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No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
CB-26	Electric Mobile Hoist	Helps transfer fragile elders in order to move up-from-bed and out-of-bed while reducing the risk of falls.	191	0	32,900
CB-27	Patient Hoist	Assists in transferring frail or disable elders safely.	109	3	32,900
CB-28	V-Health Interactive Weight-bearing Exercise Platform	Low-magnitude and high-frequency Interactive Weightbearing Exercise Technology to provide whole-body vibration stimulation for the improvement of osteoporosis and reduce back pain.	1,578	0	31,200
CB-29	Wheelchair Sport Home Trainer	Offers specifically a fixed amplitude vibrational frequency to wheelchair bound elders in order to stimulate circulation and activate neuromuscular function.	200	0	24,000
CB-30	Accora FloorBed	The FloorBed greatly reduces the risk of elder injury from falls and also rised to full nursing height to facilitate care tasks. The FloorBed has all the profiling functions of a standard nursing bed, including Trendelenburg and Reverse-Trendelenburg.	3	0	22,000
CB-31	Smart Rehabilitation Playball	The Playball is an interactive therapy ball that allows elders to play interactive games while performing a variety of interactive ball exercises. It equips sensors that can measure and track elderly's hand performance including force and motion, and thus exercise their upper limb muscles and joints.	400	0	21,800
CB-32	Oxygen Concentrator	Increases oxygen in blood and decrease stress to heart and lung. It helps reducing shortness of breath, thus improving physical function and quality of life.	12	1	19,040
CB-33	Neofect Rapael-Smart Pegboards	A digital pegboard designed to improve the effectiveness of grasp and finger dexterity and provides cognitive and shape recognition training and results-oriented digital rehabilitation games. The parameter is adjustable which promote "just the right challenge" for elders.	100	1	18,100
CB-34	AND Automatic Blood Pressure Monitor	A blood pressure monitor that measures systolic and diastolic blood pressure and pulse rate for checkup. An optional external input/output unit can be connected to a computer for data management or automation as necessary.	282	1	18,000
CB-35	Full-Automatic Blood Pressure Monitor	Provides oscillometric measurement, arm measurement, quick printout, irregular heartbeats will be indicated on printout.	80	0	18,000
CB-36	Rapael Smart Pegboard	Includes 3 different boards and pegs, which can be changed according to training needs of elders for eye-hand-coordination training. It also provides several specialized training programmes such as unilateral neglect training for residence with stroke and memory training for residence with cognitive impairment or Dementia.	60	0	18,000

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CB-37	Motorized Movement Therapy System	Equipped with various training mode including passive, assisted-active and active modes which allows physiotherapist to design suitable exercise protocol for elders based on their physical abilities. Elders 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 elders to undergo muscle strengthening training for improving their lower limb muscle strength, and hence walking stability.	76	0	17,500
CB-38	Multi-function Wheelchair	The tilted-in space seat can prevent sliding forward for those elders with poor trunk control. It is able to adjust the inclination angle so as to fit every single elderly with the wide range of back inclination angle.	60	0	16,000
CB-39	Mobile Hoist with Scale	To be used with an electric mobile hoist, enable a safe, easy and accurate weight measurement for elders while transferring with less risk of falls or skin abrasions.	60	1	16,000
CB-40	Vital Sign Monitor	Measures NIBP, SpO2 and temperature. It has the capability for manual entries of up to six additional vitals. It can be used to monitor the vital signs of the elderly for seeking immediate medical treatment and can also be used for daily health checking.	75	0	15,500
CB-41	EVA Support Walkers	Easily adjusts to suit different heights. Support the elders' weight when exercising and is ideal for post-op elders with weak lower extremities muscles when early walking exercise is indicated.	3,552	0	13,800
CB-42	Motorized Vertical Lifting Chair	Electronical adjusted seat height, backrest and footrest angle which the backrest can be reclined to nearly flattened to allow elders lying on it comfortably and prevent the formation of pressure sore. Handrest height can be adjusted to same level with seat to facilitate transfer.	20	1	13,000
CB-43	Air purifier	Purifies the polluted air into clean air so as to improve the air quality and minimize the chance of infectious and allergic diseases transmission.	230	3	13,000
CB-44	MediWall Sliding Partition	The PVC plastic screen is portable and easy to clean for infection control by blocking the chance of infection.	89	2	11,000
CB-45	Tilt-in Space Wheelchair	Improve elders' sitting instability and posture in order to facilitate their respiratory function to prevent the formation of pressure sore and reduce pressure beneath the pelvis.	445	0	10,500

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CB-46	Anodyne Monochromatic Infrared Energy (MIRE) Therapy System	Emits 890nm MIRE light treatment applied to skin to highly increase circulation and reduce pain, stiffness and muscle spasm.	2,368	0	10,500
CB-47	Multi-function Chair	The tilted-in space seat can prevent sliding forward for those elders with poor trunk control. It is able to adjust the chair back angle so as to enable elders to have an intermittent rest during sit. With the large posterior castor, it enhances its accessibility and enables turning in a narrow space.	60	0	9,800
CB-48	Vital Signs Monitor	Measures blood pressure, blood oxygen level, heartbeat and other conditions which can effectively assess the physical condition of the elder and arrange medical treatment. It can also strengthen the monitoring of the condition during the emergency procedure.	191	0	9,500
CB-49	Medication Trolley	A trolley with separated drawers with locks for medicine storage.	150	0	8,800
CB-50	Merits MA01	Provides remote-controlled electric propelling force to maneuver manual wheelchair. It can effectively assist in long distance wheelchair escort.	100	0	8,300
CB-51	A-Champ Roxs Pro	To train and maintain elders' reaction, concentration and eye-hand coordination etc. in different training modules.	50	0	7,000
CB-52	Parallel Bar	For elderly gait training, upper and lower limb rehabilitation training.	150	0	6,000
CB-53	Automatic Pill Crusher and Disposable Cups	Crush pills for elders who have swallowing difficulties.	100	3	5,940
CB-54	Turning Mattress	Provides regular turning automatically to improve blood circulation of elderly and relieve pressure in order to prevent the formation of pressure sore.	10	0	5,800
CB-55	Motorized Hand /Leg Cycle	An electrically-powered trainer with varying levels of resistance for active exercise, and movement - both forwards and backwards - at regulated speeds, for passive exercise.	50	0	5,800
CB-56	Tilt-in-space Shower Commode Chair	The entire seat can be tilted back by 0 to 30 degrees, which is suitable for elders with poor active control on limbs or special needs in sitting, and also makes cleaning easier and more convenient.	60	0	5,400
CB-57	Angle Adjustable Wheelchair	Provide adequate seating for frail elders.	12	0	4,780
CB-58	Telescopic Arm with Curtains	Equipped with the telescopic arm and curtain made by anti-microbial and anti-fungal materials for infection control.	89	2	4,600
CB-59	Soft Foam Mattress	The product with four-way stretch, fluid-resistant cover and one-piece U-Core base foam can enhance the degree for decompression and air permeability.	89	0	4,500

## List of Medical Equipment Required by TWGHs Community Services Units (2021/2022)

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
CB-60	Breg Duo OA & Ligament Knee Brace	To relieve pain caused by osteoarthritis of the knee by increasing the joint space in the knee joint. The additional straps reinforce stability in the knee joint for elders who suffered from joint instability and relief pain.	30	0	3,528
CB-61	Wheelchair	Transfer frail and immobilized elders or residences with walking difficulties safely.	360	0	3,500
CB-62	Breg Legacy Thruster OA Knee Brace	Relieves pain by opening up the joint space in the knee joint caused by osteoarthritis of the knee during moderate activities such as walking, tennis and bicycling.	30	0	3,300
CB-63	FLO-TECH Slimline Cushion	Relieves sitting pressure and retains good sitting posture hence reducing the risk of pressure injury from prolong sitting.	30	0	2,980
CB-64	Ripple Bed Mattress	Adjustable pressure for frail elders to prevent the formation of pressure sore.	150	0	2,950
CB-65	Ceiling Hoist Sling	It is used on the ceiling hoist to transfer the frail elder to the bath bed, bed or wheelchair. Multiple slings are needed in each room for infection control.	150	0	2,600
CB-66	6 in 1 Blood Glucose Monitor	Measures six parameters: uric acid, blood sugar, HCT, HB, blood ketones, cholesterol.	150	0	2,500
CB-67	NASCO Food Model	Assists clinicians to educate elders on ideal portions and appropriate serving sizes.	60	0	2,500
CB-68	Crying and Laughing Baby Doll	Doll therapy is a non-pharmacological intervention for people with dementia aiming to reduce distressing behaviors.	30	0	2,380
CB-69	Bed Alarm Pad	Alert the staff once the elders are leaving their beds to reduce their fall risk without using restrainers.	20	0	2,350
CB-70	Oximeter	Uses of backlit LCD screen for reading blood oxygen level, heart rate, and with automatic cut-off function.	150	0	2,100
CB-71	Pressure Reduction Cushion	Prevents the formation of pressure sore of elders caused by improper sitting posture.	30	0	2,100

No.	Name of Equipment	Function	No. of Beneficiary per Year	No. of Equipment Required	Cost per unit (HK)
<b>Equipment for Youth and Family Centre</b> 					
CC-1	E4 Wristband	A medical-grade wearable device that offers real-time physiological data acquisition from children, enabling researchers to conduct in-depth treatment analysis and visualization.	100	1	25,900