



## ABOUT US

Medi-Rent offers a range of specialist medical equipment for rent to medical institutions, practitioners and your patients. Our 25 years of experience has given us a comprehensive understanding of our medical equipment, so we know we can genuinely deliver the very best information and service to our clients.

### *We believe everyone has a right to the best rehabilitation.*

Recovery from a hospital visit, surgery or a course of therapy usually doesn't end when the patient returns home. But buying expensive equipment to fully recover at home is not a viable option for many. That is why our business is focussed on providing equipment solutions that are traditionally known as 'expensive equipment' at competitive rental rates. We offer direct monthly billing and a rent-try-buy scheme for some products.

### *Looking after our customers is key.*

We pride ourselves on our detailed knowledge of our products including their operation, application and service requirements. Ordering with Medi-Rent is quick and easy with knowledgeable customer service representatives ready to take your call. We deliver Australia-wide and can provide set-up and instruction in the comfort of the home environment.

### *Commitment to clinical efficacy.*

Our equipment is hand-picked to fit with our company values and code of ethics. It's important to us that our products are grounded by good science so that we can stand by their claims to provide improved health outcomes. We continue to stay abreast of the latest clinical research in the industry to ensure we are providing credible solutions. Medi-Rent is committed to providing education and in-servicing to healthcare providers on the use and application of our systems.

*Delivery and set-up of medical equipment to your patients' homes at affordable prices.*



## CONTACT US

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CONTINUOUS PASSIVE MOTION



## CONTINUOUS PASSIVE MOTION

Complete service from hospital to home.

### CONTINUOUS PASSIVE MOTION

Continuous Passive Motion (CPM) machines are an effective, affordable and accessible treatment option for helping patients to recover range of motion (ROM) following surgery or trauma.

CPM treatment is beneficial in preventing joint stiffness, reducing pain during surgical recovery and preventing complications such as the development of fibrous scar tissue or muscular atrophy.

CPM has been proven to provide the same degree of recovery as continuous professional therapy at a much lower cost.

*Clinical studies have proven that the use of CPM machines along with physiotherapy as part of a recovery regime significantly decrease recovery time and pain post-surgery, and can often lead to achieving a higher level of overall ROM.*

### APPLICATION

CPM devices should be applied immediately after surgery to gain the maximum benefit.

Continuous Passive Motion therapy is deemed as 'medically necessary equipment' for improving range of motion in the following circumstances:

- During the rehabilitation period post-surgery, particularly for those clients who may be unable to benefit optimally from physio.
- Following anterior cruciate ligament repair.
- To prevent arthrofibrosis with or without surgery.
- To promote cartilage healing and repair following surgery.

### OUR SERVICE INCORPORATES

- Delivery to the hospital post-surgery.
- Transferring equipment to the patient's home on discharge.
- Educating the user on how to operate the machine.
- Collection at the end of the rental period.



### BENEFITS FOR JOINTS

- ✓ Improvement of joint metabolism
- ✓ Prevention of arthrofibrosis
- ✓ Encourages the regeneration and healing of cartilage and damaged ligaments
- ✓ Faster haematoma/fluid resorption
- ✓ Improved lymph and blood circulation
- ✓ Thrombosis and embolism prophylaxis

### BENEFITS FOR CARTILAGE

- ✓ Enhanced nutrition and metabolic activity
- ✓ Accelerated healing of articular tissues
- ✓ Regeneration of cartilage

### BENEFITS FOR TENDONS

- ✓ Restoration of the tendon's gliding surface
- ✓ Greater mean breaking strength of the tendon
- ✓ Enhanced intrinsic healing through synovial diffusion
- ✓ Prevention of adhesion formation



## SHOULDER CPM



Shoulder CPM is ideal for use after both open surgery and arthroscopy. It takes the joint through ROM exercises including: abduction-adduction, elevation and internal-external rotation. We offer the **Artromot S3** or the **Kinetic Centura**.

### INDICATIONS FOR SHOULDER CPM

- Arthrotomy and arthroscopy procedures in combination with synovectomy, arthrolysis
- Treatment following mobilisation of joints in anaesthetised patients
- Surgical treatment of fractures and pseudarthrosis
- Exercise-stable osteosynthesis
- Endoprosthetic implants
- Surgical treatment of impingement syndrome
- Acromioplasty
- Decompression surgery
- Rotator cuff reconstruction
- Total shoulder replacement
- Repeated dislocation of the humerus
- Upper humeral fractures
- Scapula fractures
- Capsulotomy

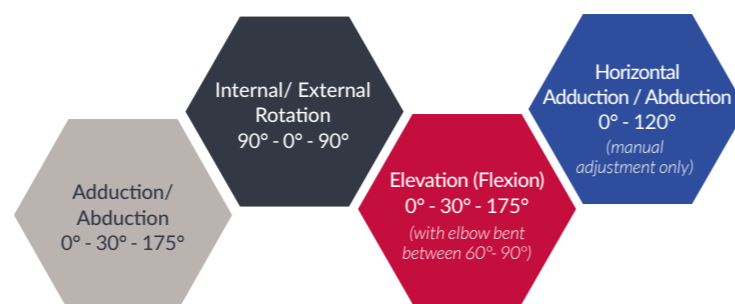
*“CPM treatment provides better response in pain reduction than the conventional physiotherapy treatment protocol in the early phase of treatment in adhesive capsulitis” (Dundar et al, 2009).*

### ARTROMOT S3 FEATURES

- ✓ Warm-Up Protocol
- ✓ Therapy Documentation
- ✓ Stretching
- ✓ Oscillation
- ✓ Head rest
- ✓ Timer: 1-300 min./continuous operation
- ✓ Pauses: 0-30 seconds
- ✓ Speed (ABD/ADD): 1%-100%
- ✓ Transport Setting: Moves the motors into the transport position
- ✓ Patient Chip Card: Stores patient-specific therapy parameters
- ✓ Key Lock Function: Prevents accidental changes of the parameter settings
- ✓ Activates the default settings for new patients

*“CPM properly applied during the first two stages of stiffness acts to pump blood and oedema fluid away from the joint and peri-articular tissues” (O’Driscoll, 2000)*

### RANGE OF MOTION SPECIFICATIONS



(for specs and features of other models, please see our website)

## ELBOW CPM



Elbow CPM is aimed at improving flexion and extension of the elbow joint, as well as allowing comfortable pronation and supination following surgery. We supply the **Artromot E2** and **Kinetec 6080**.

### INDICATIONS FOR ELBOW CPM

- Contracture release
- Synovectomy
- Excision of heterotopic ossification
- Joint distortion and contusion
- Arthrotomy and arthroscopy procedures
- Arthrolysis or other intra-articular interventions
- All types of arthroplasty and mobilisation of joints in anesthetized patients
- Exercise-stable fractures after surgery
- Pseudoarthrosis, endoprosthetic implants, myoplasty
- Corrective osteotomy
- Intra-articular fractures of the elbow with open reduction and internal fixation (ORIF)
- Metaphyseal fractures in elbow area with ORIF
- Release for extra-articular adhesions
- Prosthetic elbow joint replacement

*“CPM works at the cellular level by decreasing random fibre growth and diminishing postoperative scar formation”.*

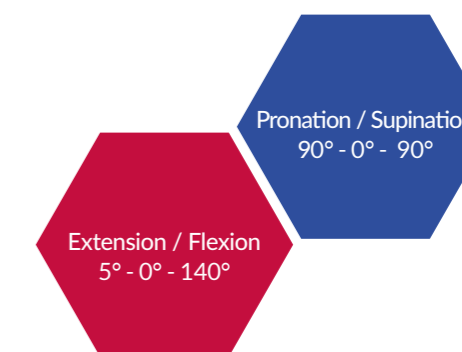
*“Postoperative CPM was found to improve elbow motion following open reduction internal fixation (ORIF) of distal humeral fractures in children and adolescents” (Remia, 2004)*

### ARTROMOT E2 FEATURES

- ✓ Anatomically correct setup
- ✓ Maximum possible ranges of motion
- ✓ Programming unit for precise adjustment of patient-specific therapy values
- ✓ Chip card for storage of the programmed therapy parameters
- ✓ Easy transport

*“Because the elbow is so prone to post-traumatic and postsurgical stiffness, CPM should be especially useful in maintaining motion and preventing such stiffness” (Morrey, 2009)*

### RANGE OF MOTION SPECIFICATIONS



(for specs and features of other models, please see our website)

## KNEE CPM



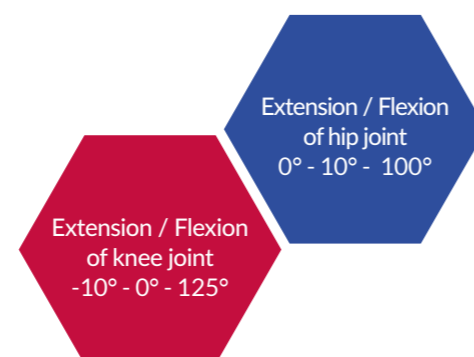
The knee/hip CPM is designed to improve joint mobility and strength in the knee joint as well as in the hip joint. We supply the **Artromot K4** and **Kinetic Prima**.

### INDICATIONS FOR KNEE CPM

- Total knee arthroplasty (TKA)
- Anterior cruciate ligament (ACL) repair
- Contracture release
- Knee replacement surgery
- Fractures (ie patellar, tibia plateau, femoral)
- Arthrolysis
- Hip surgery, including hip replacement, hip pinning, osteotomy
- Ligament repairs
- Arthroscopic surgery (ie menisectomies, patellectomies)
- Burns, joint sepsis



### RANGE OF MOTION SPECIFICATIONS



(for specs and features of other models, please see our website)

### ARTROMOT K4 FEATURES

- ✓ Programming unit for precise adjustment of patient-specific therapy values.
- ✓ Symbols for easy operation of the programming unit.
- ✓ Mimics physiological movements
- ✓ Anatomically correct setup

## ANKLE CPM



The ankle CPM is designed to improve joint mobility and strength in the ankle joint. We supply the **Artromot SP3**.

### INDICATIONS FOR ANKLE CPM

- Passive mobilisation of fractures after internal fixation
- Mobilisation of the joints of the foot after operative or conservative treatment of lesions of the:
  - Achilles tendon
  - Lateral collateral ligament
  - Medial collateral ligament
- Surgical lengthening of the achilles tendon for post-traumatic stiffness
- Club foot

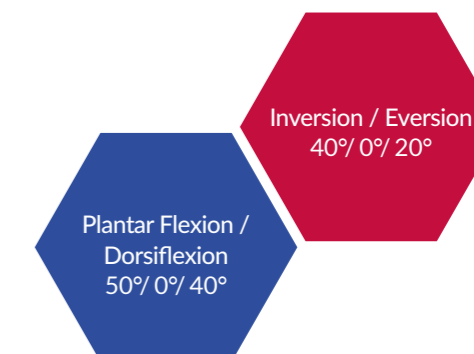
*“Continuous passive motion started immediately after surgery seems to be an effective method both for allowing complete and quick recovery of the range of motion of the ankle and for reducing the risk of early degenerative joint disease” (Farsetti et al, 2009).*



### ARTROMOT SP3 FEATURES

- ✓ Total Therapy Time: Added sum of the therapy sessions
- ✓ New Patient: Activates the default settings for new patients
- ✓ Patient Chip Card (Optional): Stores patient-specific therapy parameters
- ✓ Key Lock Function: Prevents accidental changes of the parameter settings

### RANGE OF MOTION SPECIFICATIONS



(for specs and features of other models, please see our website)