The Best Solution for Compression Therapy





Doctor Supply Quality Standards and Environment

Medical equipment manufacturing is a very competitive business that continuously demands advanced technology and functions.

Being a global supplier helps Doctor Supply to understand the complexity and competitive nature of the global medical equipment industry.

This understanding is the driving force behind our creative idea and innovative product development.

Also we believe that maintaining the high quality of our equipment through a highly standardized management system is the utmost priority.

Our various production systems are integrated as a single process and all of our business divisions are managed under the strict quality regulation of ISO 9001 and ISO 13485 which are international quality certifications. Besides, we have acquired CE Mark and FDA. We have achieved the quality standardization for all our manufacturing facilities.













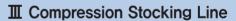
Product Lines

I Air Compression Line

- DOCTUS Air Cuff System
- Auto Com
- EZ-rap Revolution
- Thermo Cuff

• EZ-rap





- CAP Stocking
- Health Support Stocking







Doctor Supply Air Compression Line

Best solutions for DVT prevention and edema treatment after every surgery.



AUTO COM
Easy Control Automatic IPC System

Revolution

Air Compression & PRICE Therapy

Thermo Cuff





Air Cuff System



Best Solutions for DVT Prevention and Edema Treatment after Surgery.

DOCTUS Air Cuff System is a high-performance Intermittent Pneumatic Compression device and is capable of preventing DVT (Deep Vein Thrombosis), treating post-surgery edema.

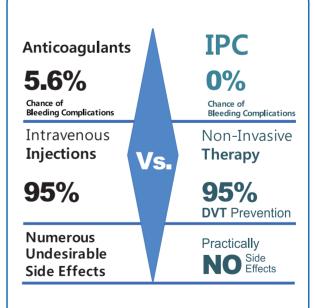
- DVT Prevention
- Edema Therapy
- Quick Recovery for Surgery Effected Area

What is DVT (Deep Vein Thrombosis)?

DVT is the formation of a blood clot (thrombus) in a deep vein, most commonly of the calf and pelvis. Therefore, DVT and PE can arise mainly from knee or pelvis operation besides the neurological or other operations.

Healthy body suitably keeps the balance of the clotting system and the fibrinolytic system, but thrombus can arise when this balance breaks from several medical conditions that can lead to DVT, such as physical trauma, cancer, older age (the strongest risk factor).

Varicose vein, antiphospholipid syndrome, surgery, immobilization (as with bed-rest, orthopedic casts, or during long-haul flights), heavy smoking, obesity, certain drugs, and inborn tendencies form clots known as thrombophilia.



Best effective and safe way to DVT prevention

"It's a New Creation"

Feature of DOCTUS Air Cuff System

DOCTUS Air Cuff System is composed of a controller which can operate and control all the functions of the system and Air Cuffs fitted around each of your legs or feet according to the symptom. The main body has two modes of DVT propilaxis, edema treatment.

Each mode is designed to operate easily through the automatic air cuff sensory equipment.

Also, each patient to be served with various treatments in accordance with his or her status.

Feature of Air Cuff

Original air cuffs of DOCTUS Air Cuff System are designed for exclusive use by DOCTUS.

Totally, nine types of air cuffs of exclusive usage are broken down to DVT prevention only and edema treatment only.

All the Air Cuffs are produced with materials harmless to human body under our company's thoroughly strict sanitary and quality management.

Environmentfriendly medical material



Adoption of ergonomic design



Sanitary care for patients by separate usage by individuals



Air Cuffs for DVT Prevention









Air Cuffs for Edema Therapy









Boot Cuff Full Leg Cuff

Arm Cuff

Full Arm Cuff



The best effective and easy homecare device for DVT prevention and edema treatment after surgery with the optimum air compression massage.



Various Availability

Applicable to all of Doctor Supplys' original air sleeves when connected to AutoCom.



"It's a New Creation"



Activity

- With mini type design ensuring portability
- Great usability in any place
- Long-time usability by built-in high-capacity battery

Economical

Easy Operation

Easily

- Optimized 5-step automatic modes for end-user
- Compatible with various conveniences
- With one-touch connector

- Affordable high-performance air massage device
- Excellent economy ensured through sustainable use of a hospital-style air cuff at home
- Affordable Air Cuff for DVT prevention

Air Sleeves by Application

DVT Prevention

- After every abdominal surgery
- After every cancer surgery
- After total replacement hip & knee surgery
- Air compression Massage

Thigh Air Cuff



Calf Air Cuff



Foot Air Cuff



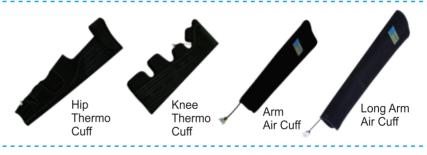
Foot & Calf Air Cuff

Edema Therapy

- After every abdominal surgery
- After every cancer surgery
- After total replacement hip & knee surgery
- Air compression Massage

Treatment of acute and chronic muscle

- After every abdominal surgery
- After every cancer surgery
- After total replacement hip & knee surgery
- Air compression Massage





Back Cuff



Shoulder Cuff



Knee / Elbow Cuff















The best solution for every muscular disease through air compression with cold and hot therapy system.

EZ-rap Revolution is the most efficient Cold & Hot Therapy product that makes use of air compression. Equipped with Air Cuff with Cold Pack used at the acute status (within 1 or 2 days after injury) and chronic status (in 2 days after injury), the product is designed to have maximum therapeutic effect by applying efficient air pressure on elbow, wrist, ankle, waist, shoulder, and higher sites while making use of air compression.

Particularly, the product is faithful to the orthopedic treatment principle of P.R.I.C.E (protection, rest, ice, compression, and elevation) and is easily put on and taken off.

And the product is available with hot or cold pack, which has shown the optimal effect in P.R.I.C.E on each joint of patients when moving.

Also, the product cools the heat produced within the joint of patient who moves, and the gel inside the Cold P ack is designed to stay immune to the gravity and spread evenly around the joint area, narrowing the gap between Air Cuff and the body part.

The most effective Cold/Hot Therapy is available by the ideal air compression that fits the actual status of the area.

'It's a New Creation"

Special Advantages and Features

- A line-up applicable to each part of the body.
- Designed to reflect ergonomic consideration, with the ideal shape for applying treatment using air pressure.
- Comfortable to put on; easy wearing adopted to enable a patient to put the product on and take it off by oneself.
- Use of harm-free medical materials provides protection from infection from outside.
- Cold Pack minimizes the gap between the Air Cuff and body part, enables the most effective cold or hot therapy with the fittest air pressure applied to sites of injury.

After Surgery

• It soothes tight joints and muscles and facilitates a person's movement with cold packs.

Treating Pain, Stiffness, and Soreness

• It reduces swelling fast with compression and support.

Muscle pain, Edema, • It reduces painful inflammation

Contusion,

• It reduces painful inflammation and bruises with cold packs.

What is P.R.I.C.E?

The P.R.I.C.E refers to the basic principle in orthopedic treatment. Our EZrap Revolution is designed in strict compliance with the orthopedic treatment principle.

- Protecting an affected area
- R Providing rest to an affected area
- Applying an ice pack on an affected area
- Compression on an affected area
- E Keep an affected area above the heart (Elevation)







Application for each body part

Air massage with cold & hot therapy are available at the same time.



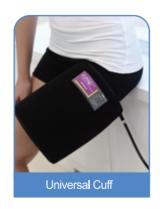


















It is the most innovative and appropriate treatment for patients who have total knee replacement surgery and total hip replacement surgery.

Patients for total knee replacement surgery and total hip replacement surgery need a specialized therapy for edema therapy and DVT prevention after surgery.

Specifically, it can enhance the edema therapy and alleviate pain to a very appropriate level so that cold therapy and air massage can be applied at the same time.

Furthermore, Thermo Cuff has a unique design for edema therapy and DVT prevention for patients who under go total knee replacement surgery and total hip replacement surgery.

Also, Thermo Cuff guarantees a very outstanding effect with the optimum air massage through cold therapy for edema therapy after surgery for your home care.

Only One Solution! for edema therapy and DVT prevention by optimum air massage and cold & hot therapy in a single package! Air Massage Cold Therapy





Easy and consistent DVT prevention and edema treatment in your home following your discharge from hospital

All-in One

Homecare

DVT prevention and all edema therapy available in your home.

Double Care

It increases therapeutic effect with optimum air massage and cold therapy when connected to AutoCom.



Feature and Indication

- Optimum ergonomic design for surgery patients.
- No skin irritation as it uses the finest medical fabric (Latex Free).
- Time and cost saved with convenient therapy and the ease in wearing the product.
- Capable of treating edema with support air compression.
- It quickly decreases edema and reduces pain.
- Applicable to breast cancer patients.
- Applicable to total knee and hip replacement surgery



Please use the product while it is connected to DOCTUS Air Cuff System or AutoCom.





Doctor Supply Elastic Compression Line

Best solution ensuring quick recovery for affected area with optimum elastic compression & cold therapy after surgery.









Best solution ensuring quick recovery for affected area with optimum elastic compression & cold therapy after surgery.

A variety of EZ-rap products which Doctor Supply produces provide exceptional effects in preventing discharge, blister after various kinds of surgery and reducing pain and edema.

Particularly, products of EZ-rap prevent the rupture of a wound with intra-abdominal pressure and enable patients to resume walking earlier, having shown supreme effects in preventing post-operative lung-complications, intestinal adhesions, or abdominal hernia.

(Especially, we commend that a patient after surgery puts on a stomamch band for six months.)

Blister prevention On the wound

Surgical wound ruptured Prevention

Help in early ambulation

Reduce pain and edema

Weaknesses with existing cold therapies

- Frequent replacement is inevitable
 - Ice causes pain to the skin
- Ice therapy does not last long
- Pressuring not available
- Considerable concern about blisters from serious condensation





Smooth and constant pressure with special texture as it adopts magic velcro band that ensures fitness to patients' body.



Abdominal Back Brace





Feature and Benefit

- No need for tapping with a tight pressure through flexible material.
- Absence of secondary injury or allergy by tight pressure around the dressing area.
- Lead to earlier recovery by enabling patients to work earlier without pain.
- Outstanding effect on pain reduction when deep breathing or coughing through a tight pressure.
- Superior effect on edema reduction by leading faster blood flow around the cut area.
- Cold Therapy function dramatically alleviates pain.

Indication

- Back pain
- Stomach fat
- Abdominoplasty
- Liposuction surgery Stomach pain
- Pregnancy exercises

Standard Specifications

Description	Length	
Pediatric BACK RAP	21" (53 cm)	
Small BACK RAP	21~27" (53~69 cm) 27~33" (69~84 cm) 33~39" (84~99 cm)	
Medium BACK RAP		
Large BACK RAP		
x-Large BACK RAP	More then 39" (99 cm)	

Abdominal Ostomy Belt





The specially designed and manufactured Ostomy Belt is for large bowel and hernia patients.

This particular belt is designed to provide a dedicated passage in urinary tract pocket with a view to removing discomfort in the tract pocket. And Ostomy belt is developed by a lot of clinicians based on the results of clinical demonstration.

Indication

Ostomy surgery



Dedicated Passage for Urinary Tract Pocket after Ostomy Surgery.

"It's a New Creation"

Shoulder Rap Brace



◆ Feature and Benefit

- Similar effect with elastic band through adopting compression band easy to put on(reduction of edema by pressure), and fabulous blister preventing effect to the applied area.
- Cold Pack inside the SHOULDER RAP effective to reduction of strong pain and edema just after surgery guarantees close adhesion to the area.
- Lasting and strong cold therapy reduces infection, edema, and bleeding and alleviates pain dramatically.

Indication

- After surgery of rotator cuff rupture
- After infection and pars Plana vitrectomy, other Shoulder abduction surgery

Standard Specifications

Description	Length	
Pediatric Shoulder Rap	27" (70cm)	
Small Shoulder Rap	27~32" (70~80cm)	
Medium Shoulder Rap	32~36" (80~90cm)	
Large Shoulder Rap	36~43" (90~110cm)	
x-Large Shoulder Rap	More then 43" (110cm)	

Chest Rap



Feature and Benefit

- Ergonomic design makes possible pressure for each parts of the body.
- Reusable after washing.
- Each tier of the product is less of distortion such as curling and wrinkling
- Minimum irritation to skin with the use of high-quality of cotton fabric.

Indication

- After a variety of Open Heart surgery and lung surgery
- CABG (Coronary Artery Bypass Graft)
- After other chest surgery

Standard Specifications

Description	Length	
Pediatric Chest Rap	27" (70cm)	
Small Chest Rap	27~32" (70~80cm)	
Medium Chest Rap	32~36" (80~90cm)	
Large Chest Rap	36~43" (90~110cm)	
x-Large Chest Rap	More then 43" (110cm)	



Elbow Rap



◆ Feature and Benefit

- The product provides similar effects as with elastic band as it adopts a compression band easy to put on (reducing edema with pressure), and fabulous effect in preventing blisters in the area where it is applied.
- Cold Pack inside the ELBOW RAP, which is effective in reducting strong pain and edema immediately after surgery, guarantees close adhesion to the area.
- Lasting and strong cold therapy reduces infection, edema, and bleeding and alleviates pain dramatically.

Indication

• Elbow arthroscopic surgery

Standard Specifications

Description	Length	
Pediatric Cool Rap	7" (17cm)	
Small Cool Rap	7~9" (17~23cm)	
Medium Cool Rap	9~11" (23~28cm)	
Large Cool Rap	11~13" (28~33cm)	
x-Large Cool Rap	More then 13" (33cm)	

Surgi Bra



Feature and Benefit

- Convenient to put on like usual garments by adopting ergonomic design
- Tightly fit to dressing area immovable after surgery
- Easy wearing by Velcro tapping and no irritation to skin

Indication

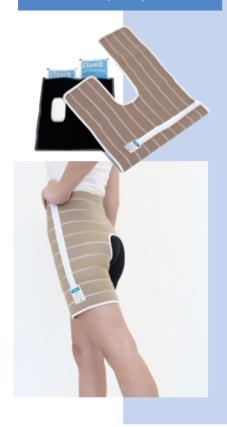
- After surgery of Mammotomy
- After surgery of breast cancer

Standard Specifications

Description	Length	
Pediatric Surgi Bra	27" (70cm)	
Small Surgi Bra	27~32" (70~80cm)	
MediumSurgi Bra	32~36" (80~90cm) 36~43" (90~110cm)	
Large Surgi Bra		
x-Large Surgi Bra	More then 43" (110cm)	

"It's a New Creation"

Hip Rap



Feature and Benefit

- The product provides similar effects as with elastic band as it adopts a compression band easy to put on (reducing edema with pressure), and fabulous effect in preventing blisters in the area where it is applied.
- Cold Pack inside the HIP RAP, which is effective in reducting strong pain and edema immediately after surgery, guarantees close adhesion to the area.
- Lasting and strong cold therapy reduces infection, edema, and bleeding and alleviates pain dramatically.

Indication

- THR (Total Hip Replacement Arthroplast)
- BPHA, Bipolar Hemiarthroplasty
- Fracture & Avascular necrosis Surgery
- Others Hip Surgery

Standard Specifications

Description	Length	
Pediatric Hip Rap	25" (64 cm)	
Small Hip Rap	25~28" (64~71cm)	
Medium Hip Rap	28~30" (71~76cm)	
Large Hip Rap	30~35" (76~89 cm)	
x-Large Hip Rap	More then 35" (89 cm)	

Bendable Wrist Splint



Feature and Benefit

- Tightly fix hand and wrist when inserting catheter and A Line.
- Keep needle from escaping or slipping out from infant or other unconscious patients.
- Capable of using as splint and very soft to wear.
- Various of size fit from infant to adult.
- Tailored application to patients by adopting elastic band.

Indication

• Surgical patient of surgery and orthopedics (Including critical patient)

Standard Specifications

Description	Length	
Pediatric	for Infant	
Small	for Children	
Medium	for Adult	





Advantages for Knee Rap Line

- The product provides similar effects as with elastic band as it adopts a compression band easy to put on (reducing edema with pressure), and fabulous effect in preventing blisters in the area where it is applied.
- Cold Pack inside the KNEE RAP, which is effective in reducting strong pain and edema immediately after surgery, guarantees close adhesion to the area.
- Lasting and strong cold therapy reduces infection, edema, and bleeding ad alleviates pain dramatically.
- Cold Therapy: leads to contraction of muscle effective to reduction of infection, edema, bleeding, and alleviation of pain.
- Ambulation is possible with cold pack.

Indication

- After surgery of meniscal incision and repair
- After other surgery of knee joint arthroscopy
- After surgery of total knee joint arthroplasty
- After surgery of unicompartmental knee arthroplasty

Standard Specifications

Description	Length	
Pediatric Knee Rap	13" (33cm)	
Small Knee Rap	13~15" (33~38cm)	
Medium Knee Rap	15~17" (38~43cm)	
Large Knee Rap	17~19" (43~48cm)	
x-Large Knee Rap	More then 19" (48cm)	



Knee Rap / Knee Kool

Prevention of dew condensation when applying EZ Pack pocket contained with cold therapy by using special fabric (two cold pack available)

Knee353

Three-way velcro type band adjust able degree of pressure and size to the fit of patients and symptoms. (three cold pack available)

Compression Stocking Line

The best high quality compression stocking in the world-wide for the DVT prevention and anti-pulmonary embolism.







CAP anti embolism stocking

CAP stocking fit a larger portion of the patient population than any other anti-embolism stocking available today.

Knee length stockings are available in all standard size plus short, long and XL sizes.

This flexibility allows precision performance for both standard and difficult to fit patients.

During construction of the product, as many as fourteen different types of stitches and twelve different types of yarns are used.

This enables CAROLON to provide accurate controlled compression and patient comfort.



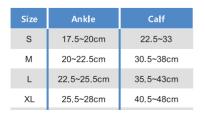
Feature and Indications

- COOL, LIGHTWEIGHT COMPORTABLE Used to knit CAP stocking are strong yet lightweight for patient comfort.
- TWO WAY STRETCH FABRIC Insures that the stocking remain in place, even during ambulation
- NON CONSTRICITIVE THIGH Band helps hold stocking up
- FLOATING HEEL POCKET Colored blue heel for easy recognition and accurate placement.
- CAP Stockings provide patients with certified graduated compression for the safe and effective prevention of DVT and Anti-pulmonary embolism.

Application of CAP



Knee High





Thigh High

Siz e	Ankle	Calf	Thigh
S	17.5~20cm	22.5~33cm	40.5~51cm
М	20~22.5cm	30.5~38cm	48~61cm
L	22.5~25.5cm	35.5~43cm	58.5~68.5cm

Available

Small Short Small Regular Small Long

Medium Short Medium Regular Medium Long

Large Short Large Regular Large Long

X-Large Short X-Large Regular X-Large Long

XX-Large Short XX-Large Regular XX-Large Long

HEALTH SUPPORT

Garadient Compression Stocking

Comfortable and accurate of high functionality compression Stocking.

To ensure a high level of compliance, Health Support hosiery products utilize the most advanced yarn technologies and are constructed on state of the knitting equipment.

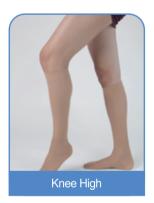
Products are developed with state of the art equipment to assure proper compression levels while providing maximum comfort and therapy.

Health Support hosiery products have been developed utilizing many of the advanced features used in the CAROLON anti-embolism stockings.

All Health Support hosiery products are machine washable and dryer safe.



Application of Health Support









Class 1 (20mmhg ~30mmhg)

- 1. Chronic leg fatigue
- 2. Mild venous insufficiency
- 3. Swelling of the ankles
- 4 Varicose veins

Available :

Knee, Sock, Full length thigh, Panty hose, maternity panty hose, Open / Closed toe

Class 2 (30mmhg ~40mmhg)

- 1. Chronic ankle swelling
- 2. Prophylaxis after vein stripping
- 3. Reversible lymph edema
- 4. Swelling after cast removal
- 5. Discomforts associated with phlebitis
- 6. Moderate to severe varicosities
- 7. Venous ulcerations

Available :

Knee, Sock, Full length thigh, Panty hose, maternity panty hose, Open / Closed Toe

Class 3 (40mmhg ~50mmhg)

- 1. Severe varicosities 2323
- 2. Severe edema
- 3. Severe venous ulceration
- 4. Lymph edema
- 5. Post thrombotic syndrome, chronic venous disease
- 6. Chronic venous in sufficiency
- 7. Deep vein thrombosis

Available:

Knee, Full length thigh,

Doctor Supply Product Line-up

Air Compression Line





Elastic Compression with Cold Therapy Line



Compression Stocking Line

















Knee High Thigh High

Panty Hose

Cushion Foot Socks



Cold Pack Solution

Guarantees mild cold effect with a soft multiple ice pack that does not freeze.

• No need ice frequent replacement.

• No pain to the skin by the ice

• Can be used for a long time

• Dew Condensation

Application

- EZrap
- Thermo Cuff
- EZrap Revolution



Cold & Hot Pack Solution

EZpack is composed special poly gel and it is possible to choose cold pack or hot pack, depending on acute diseases and chronic diseases.

Application

- EZrap
- Thermo Cuff
- EZrap Revolution







"It's a New Creation"