





**Miracle** orthopedics is a global medical device company specializing in soft orthopedic rehabilitation products and medical support products established in 1996. The company's broad range of over 45 soft orthopedic products, including 225 items, these products provide solutions throughout the patients continuum of care. The company sells its products in egypt and in more than 38 other countries through networks of agents and distributors.. We are proud of our reputation as an innovator of soft orthopedic and medical sports products.

#### "Our innovation behind our pure egyptian products has its costs as a small Start-up company."

#### **Company Vision**

To be the worldwide leader in high quality orthopedic products within local and export markets with Continuous research & development within soft orthopedic products, rehabilitation and prosthetic devices Research and development Our internal research and development program is aimed at developing and enhancing products, Processes and technologies. The research and development activities for our rehabilitation products are conducted in our factory, facility by a group of doctors and engineers and designers who have Substantial experience in developing and designing products using advanced technologies, processes and materials.

We have developed and maintain close relationships with a number of widely recognized orthopedic Surgeons and professionals who assist in product research, development and marketing. Our medical advisory board, consist of the orthopedic surgeons. These surgeons often provide us with Feedback, which assists us in the development and enhancement of our products. In addition to our internal research and development efforts, we have entered into another scopes that Provide us innovative technologies and processes for the manufacture and development of our products. It the pharmaceutical industry finally, we act as the distributor of a number of products that are Manufactured by others.



# **G-CERTI** Certificate

G-CERTI hereby certifies that

#### **MIRACLE MEDICAL INDUSTRIES**

No. 104-Industrial Zone (B-C), El Obour City, Egypt

#### Has been audited by G-CERTI and has implemented

Medical Devices -- Quality Management Systems

### ISO 13485:2016

#### Scope of Registration

DESIGN, MANUFACTURE, SALES AND DISTRIBUTION OF SOFT ORTHOPAEDIC PRODUCTS MEDICAL FACE MASK, FIBERGLASS AND POLYESTER CASTING TAPE, UNDERCAST PAD, NONSTERILE GOWNS, SURGICAL ADHESIVE TAPE, ABSORBENT MEDICAL COTTON, COOLING PATCH AND MEDICAL DEVICES.

Code : A Original Date : 21. Jan. 2019 Re-certification Date : 20. Jan. 2022 Approval Date : 17. Jun. 2020 Valid Period : 17. Jun. 2020 ~ 20. Jan. 2021 Certificate No : GIEG-0214-MD



To verify the validity of this certificate please visit : www.gcerti.com 15f, 88, Eunpyeong-to, Eunpyeong-gu, Seoul, Korea This is to certify that the Management Systems of this company has been found to confirm to the above G-CERTI FI-12-03

ACCREDITED MSCB-113

## Anti-Embolism Stockings

#### What causes Thromboembolism?

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Lying or sitting in the same place for a long period of time, the blood flow speed through the legs becomes slower which may cause it to clot. Inactivity, the effects of certain drugs, muscle relaxants or anesthetics can cause the veins to become wider and tear. Blood clots are more likely to adhere to the tears in the wall of the vein. Changes can occur in the way blood clots. Certain medications and inactivity may change blood's normal coagulation process, leading to blood clots.

#### Why to wear Anti-Embolism Stockings?

Stockings are the elastic garment that is worn around the leg. Anti-embolism stockings are effective in curing Thromboembolism. These specially designed stockings apply appropriate pressure on legs varying from 8mmHg to 50mmHg, that help prevent the occurrence of, and guard against further progression of venous disorders such as edema, phlebitis and thrombosis.

#### For how long should you wear it?

The duration may differ according to the severity and the recommendation of your healthcare professional. It could be 2 weeks or more. After surgery it is recommended to wear anti-embolism stockings until you are able to move around freely and comfortably. Compression stockings come in a variety of sizes, lengths and colors. They're also available with different strengths of compression. You may need to wear them on both the legs or on just one leg. You should wear your compression stockings during the day and take them off before going to bed. Put them on again in the morning.

Cleaning and Caring of Stockings Clean it frequently enough to remove the natural bodily secretions and skin flakes, which if you let it remain may cause the damage to stockings fiber and decrease the life span of the garment. You should choose two stockings keeping in mind that you are wearing one and other is on reserve that you can wear when you are washing what you are currently wearing. Hand wash your stockings at about 40 °C /104F (comfortable hand temperature) and dry them away from direct heat in the air.



 Under Knee Code : AE0034A Size : Small to 3X-Large



|  |                    | Small    | Medium   | Large    | X-Large  | 2X-Large | 3X-Large |
|--|--------------------|----------|----------|----------|----------|----------|----------|
|  | (CB)Ankle          | 19-23 cm | 23-26 cm | 26-29 cm | 29-31 cm | 31-34 cm | 34-36 cm |
|  | (CC)Mid-Calf       | 29-35 cm | 33-39 cm | 37-43 cm | 40-47 cm | 44-50 cm | 48-53 cm |
|  | (CD)Below the Knee | 28-34 cm | 32-38 cm | 36-42 cm | 39-46 cm | 43-49 cm | 47-52 cm |
|  | (CF)Above the Knee | 41-47 cm | 45-50 cm | 48-54 cm | 52-57 cm | 55-61 cm | 59-65 cm |

Above Knee

- Code : AE0034B
- Size : Small to 3X-Large





• Code : AE0034C

Size : Small to 3X-Large

#### Miracle Anti-Embolism Stocking

 Anti-embolism stockings are elasticated stockings designed to minimise the risk of blood pooling in your legs whilst you are ill and less able to move around than normal. If blood was to pool in your leg it may then form a blood clot.

 This can then form a deep vein thrombosis (DVT), which is a potentially life threatening condition. Small clots or 'emboli' may break off from the blood clot and travel to your heart, lungs or brain. By wearing these stockings and having daily injections of dalteparin (a drug that reduces blood clotting), we can greatly reduce the risk of this occurring.

|                            |                |                      |          |          |            |          |              | U        | U        |
|----------------------------|----------------|----------------------|----------|----------|------------|----------|--------------|----------|----------|
| (CB)Ankle                  |                | 19-23 cm             | 23-26 cm | 26       | -29 cm     | 29-      | 31 cm        | 31-34 cm | 34-36 cm |
| (CC)Mid-Calf               |                | 29-35 cm             | 33-39 cm | 37       | -43 cm     | 40-47 cm |              | 44-50 cm | 48-53 cm |
| CD)Below the Knee          |                | 28-34 cm             | 32-38 cm | 36       | -42 cm     | 39-      | 46 cm        | 43-49 cm | 47-52 cm |
| CF)Above the Knee          | Above the Knee |                      | 45-50 cm | 48       | -54 cm     | 52-      | 57 cm        | 55-61 cm | 59-65 cm |
| Length (cm) 46-59 c        |                | 46-59 cm             | 52-65cm  | 56-71 cm |            | 61-76 cm |              | 68-84 cm | 76-90 cm |
|                            |                |                      |          |          |            |          |              |          |          |
| ngth(Above Thigh) 66-74 cm |                | ength(Above Knee) 58 |          | 58-63 (  | cm Lengthi |          | (Under Knee) | 37-42 cm |          |
|                            |                |                      |          |          |            |          |              |          |          |



## Varicose Stockings

#### Varicose Stockings

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This Products are designed to offer at the ankle measured in millimeters of mercury. This compression, strongest of the ankle, gradually reducing toards the top of the apnty hose, assists blood circulation up the leg and helps to relieve leg discomfort due to swelling, varicose veins, fatigue, pregnancy, and other related problems.

#### Why you should use compression stockings

Compression stockings (or socks) are a special kind of elastic hosiery that supports healthy blood circulation and helps prevent a variety of health conditions, including:

- chronic venous insufficiency
- spider veins
- varicose veins

The pressure that these stockings put on your ankles and legs compresses the surface arteries and veins, helping the vein valves to function properly and blood to flow back to your heart without obstructions.





• Size : Small to 3X-Large

clot.



|                    | Small    | Medium   | Large    | X-Large  | 2X-Large | 3X-Large |
|--------------------|----------|----------|----------|----------|----------|----------|
| (CB)Ankle          | 19-23 cm | 23-26 cm | 26-29 cm | 29-31 cm | 31-34 cm | 34-36 cm |
| (CC)Mid-Calf       | 29-35 cm | 33-39 cm | 37-43 cm | 40-47 cm | 44-50 cm | 48-53 cm |
| (CD)Below the Knee | 28-34 cm | 32-38 cm | 36-42 cm | 39-46 cm | 43-49 cm | 47-52 cm |
| (CF)Above the Knee | 41-47 cm | 45-50 cm | 48-54 cm | 52-57 cm | 55-61 cm | 59-65 cm |
| Length (cm)        | 46-59 cm | 52-65cm  | 56-71 cm | 61-76 cm | 68-84 cm | 76-90 cm |
|                    |          |          |          |          |          |          |

**Miracle Varicose Stocking** 

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If blood was to pool in your leg it may then form a blood

• This can then form a deep vein thrombosis (DVT), which is

a potentially life threatening condition. Small clots or 'em-

boli' may break off from the blood clot and travel to your

heart, lungs or brain. By wearing these stockings and having daily injections of dalteparin (a drug that reduces blood clotting), we can greatly reduce the risk of this occurring.

Length(Above Thigh) 66-74 cm Length(Above Knee) 58-63 cm Length(Under Knee) 37-4

- Above Knee
- Code : 0034B
- Size : Small to 3X-Large





- Above Thigh
- Code : 0034C
- Size : Small to 3X-Large

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 Under Knee • Code : 00110 • Size : Small to 3X-Large



- Above Knee
- Code : 00120
  Size : Small to 3X-Large



- Above Thigh Code : 00130
- Size : Small to 3X-Large

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Above Knee with Silicon

- Code : 00130S
- Size : Small to 3X-Large



- Men Under Knee
- Code : 00100
- Size : Small to 3X-Large