



### Indications:

#### All garments:

- Prevention of deep vein thrombosis (DVT):
  - Pre-, intra- and post-phases of surgery
  - When the use of anticoagulant therapy is contraindicated
  - As an adjunct modality with other methods of DVT prophylaxis (e.g., heparin, warfarin) for high risk patients
  - Periods of prolonged immobility
  - Paralyzed limbs
- Prevention of venous stasis

#### Foot garments only:

- Enhancement of venous and arterial circulation
- Reduction of acute and chronic edema
- Assistance in the healing of cutaneous ulcers, including venous ulcers
- Reduction of lower limb pain due to trauma or surgery
- Reduction of compartmental pressures

### Contraindications:

The *Flowtron® Universal* System should not be used in the following conditions:

- Severe arteriosclerosis or other ischemic vascular diseases
- Known or suspected acute DVT or phlebitis
- Severe congestive cardiac failure or any condition where an increase of fluid to the heart may be detrimental
- Pulmonary embolism
- Any local condition in which the garments would interfere, including gangrene, recent skin graft, dermatitis or untreated, infected leg wounds

*If unsure of any contraindications, refer to the physician before using the device.*

### Operating Instructions:

1. Plug the pump into an electrical outlet. The pump will first go through a self-test routine and then remain in "standby" until required for use.
2. Apply the prescribed ArjoHuntleigh garments to the patient by carefully following the instructions included in the garment packaging.
3. Connect the garments to the pump hose set ensuring the connectors click into place.
4. Check that the connection and garment type are confirmed correctly on the display.
5. **TO START:** press and hold the green **RUN** button on the pump. The green power indicators will illuminate and therapy will begin.
6. **TO STOP:** press and hold the green **RUN** button a second time. The green power indicators will go out and therapy will stop.
7. **FOR SINGLE LEG USE:** When the pump is in standby, connect one garment to either pump hose connector. The display will confirm that only one garment is connected. Start the pump as described in point 5.
8. Refer to the *Flowtron Universal* User Manual for complete information on the use of the system, including using the optional battery pack, altering the alarm volume and using different garment types on each limb.

### Recommendations:

- The *Flowtron Universal* System should be applied to the patient pre-operatively, prior to the induction of anesthesia.
- The system should be used continuously until the patient becomes fully ambulatory.
- If the garment cannot be applied to the operative limb during surgery, it may be applied to the limb once the patient reaches the recovery unit.
- In the non-surgical patient, the system should be initiated immediately once the risk of DVT formation is identified.
- Garments should be removed regularly to inspect the skin.
- Use of a stocking worn with the foot garments may be indicated in those with potential for impaired skin integrity.

### Cautions:

- Garments should be removed immediately and the physician notified if the patient experiences tingling, numbness or pain.
- When used for DVT prophylaxis, continuous use is recommended. Any interruption of therapy for a substantial length of time should be at the discretion of the physician.
- Patients should be instructed not to stand or walk with the foot garments on.

*These are guidelines only and should not replace clinical judgement and experience.*