

OXFORDSHIRE COMPRESSION HOSIERY & WRAP FORMULARY 2022

Appendix 1

Oxfordshire Hosiery & Wrap Formulary

The choice for clinicians when choosing compression hosiery is vast and frequently bewildering. Experience and the literature suggest that often inappropriate choices are made. Patients are supplied with ill-fitting and inadequate garments which they are understandably reluctant to wear, resulting in poor patient outcomes and wasted costs. The [Oxfordshire Compression Hosiery Booklet](#) aims to help clinicians understand better the different types of hosiery available to them and to be able to assess for and select more accurately the correct hosiery for their patients.

Several companies manufacture/supply hosiery. We have selected a range offered by Activa who produce a comprehensive, but with guidance a straightforward range of garments at a reasonable cost. Our aim is to offer simple, clear choices when selecting hosiery that will meet the needs of most patients.

This formulary should not be used in isolation but in combination with the Oxfordshire Compression Hosiery Booklet which contains important guidance on how to select the correct hosiery for your patient.

Two compression wrap garments were authorised for addition to the formulary by Oxfordshire Area Prescribing Committee in February 2021. They feature in this formulary as their use is only intended for intact legs as a maintenance form of compression. They are NOT authorised for the management of active leg ulceration as there is currently insufficient evidence to demonstrate their effectiveness in healing open ulceration.

Summary

HOSIERY	USES
Activa (British Standard)	For use in limbs without oedema.
Actilymph (European Standard)	For use with limbs with oedema which are a regular shape & fitting 'off the peg' sizes.
Hosiery Kits (both British & European standard available)	To deliver full compression (40mmHg) using a liner and top compression stocking.
Actilymph Made to Measure (MTM) Flat Knit	Flat knit, bespoke hosiery for limbs with oedema, following decongestion of oedema, limbs that don't fit off the peg, or limbs with an irregular shape with skin folds.
Liner Hosiery	Deliver 10mmHg. Useful in palliative or mixed disease. Can be layered with other hosiery. Not to be confused with the hosiery kits which contain liners and a top stocking.
COMPRESSION WRAPS	USES
Farrowwrap 4000	Maintenance compression for intact legs with NO oedema. Requires written authorisation by Tissue Viability.
JUZO Adjustable Compression System (ACS) Light	Maintenance compression for intact legs with WITH oedema. Requires written authorisation by Tissue Viability.

Appendix 1

COMPRESSION HOSIERY

To decide upon the level of compression or class required please refer to the table below. Chapter 8 of the Oxfordshire Compression Hosiery Booklet and the CHROSS checker tool are also sources of guidance.

Class	British Standard - Activa	European Standard - Actilymph	Class
1	14–17mmHg	18–21mmHg	1
2	18–24mmHg	23–32mmHg	2
3	25–35mmHg	34–46mmHg	3

REMINDER: If there is a history of, or there currently is oedema present Actilymph (European standard) hosiery should be selected.

Please see APPENDIX 2 at the end of this formulary for guidance on how to generate a prescription for Hosiery.

Appendix 1

1. Activa

USES - Activa stockings are British standard hosiery and are **for use in limbs with a graduated shape and without oedema**. They are latex free.

- To prevent ulceration
- Prevent recurrence of healed venous ulcers
- to prevent, or following DVT
- To prevent the progression of lymphovenous disease in the absence of oedema

CHOICES

- Below knee or thigh length
- Class 1, class 2, class 3
- Closed toe or open toe
- Sand, honey or black
- Unisex sock and unisex patterned sock for patient preference

SIZES

To select the correct size please use the following guide - **FOR ACTIVA HOSIERY ONLY**

Activa® British Standard Hosiery - Measuring Guide

A size indicator can be found by a coloured thread in the stocking.

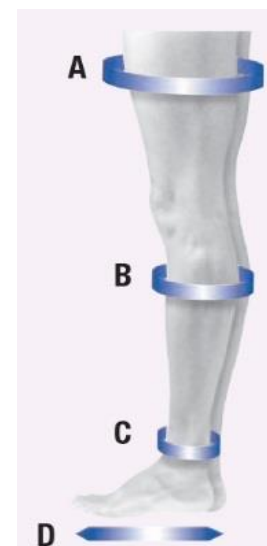
A: Widest part of the thigh (5cm below the groin)

B: Widest part of the calf

C: Just above the malleolus (ankle bone)

D: From back of the heel to the longest toe

	S	M	L	XL	XXL
A	40.5-53.0cm	43.0-55.0cm	48.0-60.5cm	53.0-66.0cm	N/A
B	30.5-37.5cm	33.0-40.0cm	35.5-43.0cm	38.0-46.0cm	40.0-49.0cm
C	19.5-25.5cm	21.5-27.5cm	22.5-29.5cm	23.0-32.0cm	23.5-34.0cm
D	20.5-24.0cm	23.0-26.0cm	25.5-29.5cm	26.5-32.5cm	26.5-32.5cm



(Please note the measurements for Activa are different to the Actilymph stockings).

Appendix 1

2 Actilymph

USES - Actilymph stockings are European standard and **for use in limbs with a graduated shape with oedema.**

- To prevent ulceration
- To prevent recurrence of ulceration
- To manage chronic oedema in a limb that has previously been decongested with multi-layer bandaging

CHOICES

- Below knee – petite or standard
- Thigh length – regular or wide top band
- Open toe or closed toe
- Class 1, class 2, class 3
- Sand or black

SIZES

To select the correct size please use the following guide – **FOR ACTILYMPH HOSIERY ONLY.**

ActiLymph® - Measuring Guide

G: 5cm from groin

C: Widest part of the calf

B: Just above the malleolus (ankle bone)

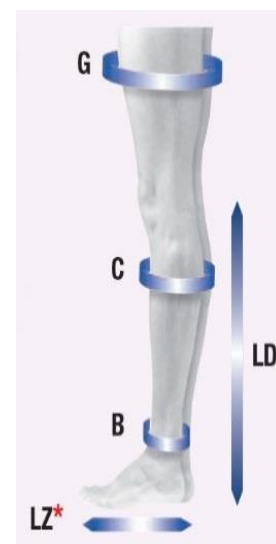
LD: From the popliteal space to the floor

LZ: From back of the heel to the longest toe

	S	M	L	XL	XXL+
G Wide Topband	57-66cm	61-72cm	66-80cm	74-90cm	N/A
G Regular Topband	48-56cm	50-60cm	53-66cm	57-73cm	61-80cm
C	31-39cm	33-41cm	35-44cm	39-48cm	44-52cm
B	19-21cm	22-23.5cm	23-27cm	27-32cm	32-37cm
LZ*	22-28cm	22-28cm	22-28cm	22-28cm	22-28cm

Style	Leg length (LD)	Foot length (LZ)
Below Knee	Petite <38cm	22-25cm
	Standard >38cm	22-28cm

(Please note the measurements for Actilymph are different to the Activa stockings).



Appendix 1

3 Hosiery kits - contain two liners and one stocking

USES

- 1st line compression option for people with a wound on the leg. Two 10mmHg liners delivering 20mmHg can be applied in the absence of red flags whilst full assessment & doppler are being conducted, in line with the revised 2022 [Leg Wound Pathway](#)
- To enable self-care, helping patients to apply compression independently
- In the last stages of ulcer healing if the dressing allows, to transition into maintenance
- To layer hosiery and achieve higher levels of compression

CHOICES

- Below knee only
- Sand upper stocking with white liner
- Black upper stocking with sand liner
- **Use Activa Hosiery kits, for limbs without oedema – liners and class 3 Activa stocking.** One liner and the class 3 Activa stocking deliver 40mmHg. Use the Activa leg Ulcer Hosiery measuring guide below
- **Use Actilymph hosiery kits for limbs with oedema – liners and class 2 Actilymph stocking.** One liner and the class 2 Actilymph stocking will deliver 38mmHg. Use the Actilymph measuring guide below

SIZES

Activa[®] Leg Ulcer Hosiery Kit - *Measuring Guide*

A size indicator can be found by a coloured thread in the stocking.

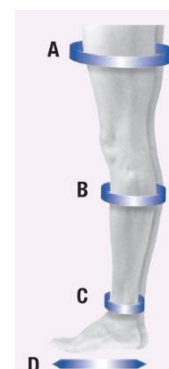
A: Widest part of the thigh (5cm below the groin)

B: Widest part of the calf

C: Just above the malleolus (ankle bone)

D: From back of the heel to the longest toe

	S	M	L	XL	XXL
B	30.5-37.5cm	33.0-40.0cm	35.5-43.0cm	38.0-46.0cm	40.0-49.0cm
C	19.5-25.5cm	21.5-27.5cm	22.5-29.5cm	23.0-32.0cm	23.5-34.0cm
D	20.5-24.0cm	23.0-26.0cm	25.5-29.5cm	26.5-32.5cm	26.5-32.5cm



Appendix 1

ActiLymph® Hosiery Kit - Measuring Guide

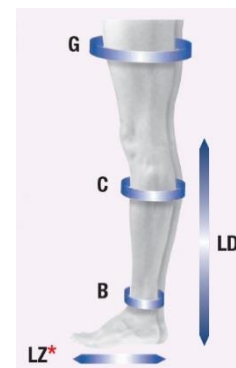
C: Widest part of the calf

B: Just above the malleolus (ankle bone)

LZ: From back of the heel to the longest toe

	M	L	XL	XXL ⁺
C	33-41cm	35-44cm	39-48cm	44-52cm
B	21-23.5cm	23-27cm	27-32cm	32-37cm
LZ*	22-28cm	22-28cm	22-28cm	22-28cm

Style	Leg length (LD)	Foot length (LZ)
Below Knee	Standard >38cm	22-28cm



4 Actilymph - made to measure (MTM)

USES

This is flat knit bespoke hosiery to be used when oedema is present and:

- Maintenance compression for limbs which have required decongestion of oedema (in line with the Chronic Oedema Pathway)
- For limbs that do not fit the 'off the peg' measurement guides
- For abnormal shaped limbs with skin folds

Only clinicians who have received training (on the Tissue Viability Hosiery Worksop) in how to measure for made to measure hosiery may do so.

CHOICES

- Below knee, thigh length, thigh length with waist attachment
- Closed toe, open toe, oblique closed/open toe
- Black or sand
- Two fabrics - Ease, a softer fabric, or Dura, a firmer fabric for severe disease and skin folds
- Class 1, class 2 or class 3
- 3cm or 5cm silicone top band
- T-heel ankle seam & slipform

Please note tights (2 Legged Panty Hose) and the Full Compression Body Part along with ankle pads, are not options available on formulary.

SIZES

The limb should be measured as per the Actilymph MTM order form following the accompanying guidelines (see appendix 3). The garment details should be indicated on the form by ticking the relevant boxes. The corresponding PIP codes on the rear of the form recorded in the Product Code section 7 on the front of the form.

Appendix 1

5	Liner Hosiery - Liner stockings deliver 10mmHg
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USES

- Two liners applied together deliver 20mmHg and can be used as 1st line initial compression for treating new wounds on a leg pending full assessment & doppler.
- They may be useful if lower limb assessment indicates some mixed venous and arterial disease e.g., ABPI 0.6 - 0.8, or in palliative situations. If necessary, advice can be sought from Tissue Viability in selecting this tissueviability@oxfordhealth.nhs.uk
- They can be layered to provide higher levels of compression, e.g., 1 x 10mmHg liner plus Activa British Standard 14-17mmHg = 25mmHg. Splitting hosiery into 2 stockings instead of one makes the stockings easier to apply and the 1st stocking provides a slide surface for the 2nd stocking.

These stockings should NOT be used without an assessment of 'Red Flags' having taken place (see Leg Wound Pathway). Two liners delivering 20mmHg should not be used ongoing in the delay of full vascular assessment with Doppler.

CHOICES

- Black, sand, or white closed toe
- Sand open toe

SIZES

Use the Activa measuring guide on page 2 of this formulary.

CAUTION - when ordering liner hosiery be careful to select the liner packs and not the leg ulcer hosiery kit which contains a liner. There can be confusion when prescriptions are produced, and patients have received full compression garments in error in the past.

Appendix 1

COMPRESSION WRAPS

1	Farrowwrap 4000 & FarrowHybrid Sock
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The JOBST FarrowWrap 4000 is an adjustable short-stretch wrap compression system which provides 30-40mmHg of graduated compression. Should be used for maintenance compression therapy only as there is not currently sufficient evidence to demonstrate effectiveness in healing open ulceration. Comes with one calf wrap garment and two JOBST FarrowHybrid compression socks (20 - 30mmHg). The wrap is made with an inner sleeve to aid donning. Designed for easy application with just four bands.

USES

- 2nd line choice to hosiery for delivering maintenance compression to a leg without ulceration
- Suitable for treating patients with venous conditions (not ulceration) but NO oedema

CHOICES

- Tan or black
- Additional FarrowHybrid socks are available to order separately

SIZES

- 4 sizes and 2 lengths
- Supplied with either medium/wide or large/wide FarrowHybrid socks
- Additional sizes of FarrowHybrid socks are available. Four sizes based on foot length (shoe size or cm and convert to shoe size) and foot circumference (regular or wide). See measurement form.

Further information on how to measure for these garments, a copy of the measurement form, video of application, guidance on how to request a prescription and the contact details of the company representative can be found on the following [Oxfordshire Formulary JOBST Farrowwrap 4000 webpage](#)

Appendix 1

2 JUZO Adjustable Compression System (ACS) Light



The Juzo ACS Light is an adjustable short-stretch compression system which can be used to manage chronic oedema. Should be used for maintenance compression therapy only as there is not currently sufficient evidence to demonstrate effectiveness in healing open ulceration. The wraps can be adjusted for the individual wearer by means of Velcro fasteners. With Juzo Adjustable Compression System Light, therapeutic compression up to 40mmHg can be achieved. Reduced compression levels (up to 20mmHg) can be achieved with these wraps by applying the outer layer of straps at minimal tension.

USES

- 2nd line choice to hosiery for delivering maintenance compression to a leg without ulceration
- Suitable for treating patients with Chronic oedema/Lymphoedema
- Can be used to decongest a limb with oedema ONLY where regular adjustments (min 1-2 x day) to the wrap can be made e.g., in a Community Hospital or Care Home setting
- An additional extender strap is supplied with the foot wrap to enable additional compression to be applied over complex areas (ankle folds) or to extend the foot length or bridge any gap between foot and calf wrap
- The wraps have an incorporated lining (fixing aid), to help with easy application

CHOICES

- Beige or black wraps
- Available as foot, calf, knee, and thigh wraps
- Liners are all black and are not supplied with these wraps but can be obtained from Tissue Viability or the Juzo Representative

SIZES

- Each wrap comes in 5 sizes and 2 lengths
- Wraps available as below knee or thigh high and in 2 widths - regular & large. Please specify when requesting from Tissue Viability

Further information on how to measure for these garments, apply them, request a prescription and the contact details of the company representative can be found on the following Oxfordshire Formulary JUZO webpage <https://oxfordformulary.juzocare.co.uk>.

If your patient's compression needs are not met by the products on this formulary, please refer to Tissue Viability to assess for more specialist alternatives.

Appendix 2

Hosiery Prescription Guidance

Getting the correct garment correctly prescribed can be problematic.

HINTS AND TIPS

- Things can go wrong, and a good way to avoid this is to maintain ownership of the whole process rather than delegating aspects to other people
- If you are a nurse prescriber, prescribe the hosiery yourself. If not, see if a practice nurse, or person who does the prescriptions in the surgery, can help you. Alternatively, stand with the GP as they do it
- DO NOT USE GENERIC TERMS - must be brand names
- Check the prescription is correct before sending to pharmacy
- Find a pharmacist that is reliable and familiar with hosiery prescriptions to issue the prescription
- If no access to a trustworthy pharmacist, try DayLong - post the prescription in a pre-paid envelope (available from Susie Andrews or Jenny Moore from L&R, or directly from DayLong on 08001950160) and they will post the hosiery directly to the patient
- If the hosiery hasn't arrived in 2 weeks chase it up - something has gone wrong.

OFF THE SHELF HOSIERY

- The PIP codes for off the shelf hosiery do not work in EMIS
- Stand with the GP to make sure they get it right
- Start typing the details of the garment **in this order**:

Activa/Actilymph, Class, style (below knee/thigh length), closed/open toe, colour, size.

For example: Activa, Class 1, Below knee, Closed Toe, Sand, XL.

Name	activa class III below knee	Pack Det
Dosage		Description
Quantity		
Rx Types	Acute	
Authorising Clinician		
Warnings		Optional
Drug Information		
Current Medication		
Past Medication		
Allergies		
Problems		

Figure 1.

- Use capital I (i) for 1, II for 2 and III for 3 if the numbers 1, 2 and 3 don't work
- No commas
- If the options below what you're typing disappear then what you're after is either the wrong term or doesn't exist
- Eventually, and probably before you've finished typing in your selection, you can't see off the end of the box (Fig 1)
- Drag the pop-up box to the top left corner of the screen (Fig 2)

Appendix 2

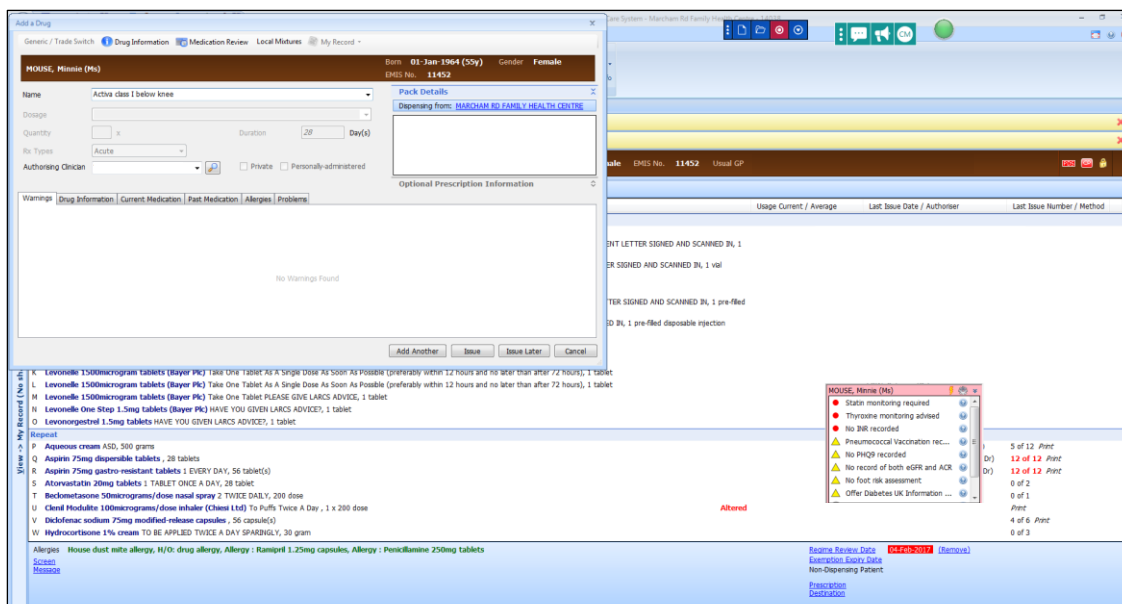


Figure 2.

- Expand it from the bottom right corner to fill the screen. Now the box will have more space to type and see the options (Fig 3)

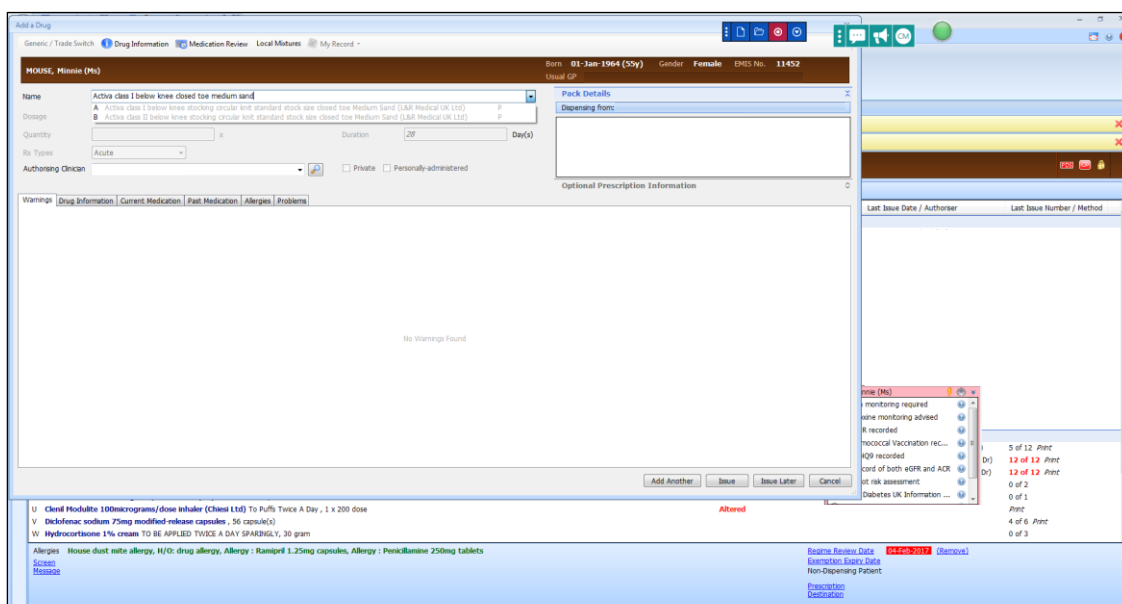


Figure 3.

MTM - Getting the correct prescription

- On EMIS the PIP codes on the back Actilymph MTM Measurement form work!
- Where you would type in the name of a drug just type in the 1st code e.g., AL-EASEC2-AD
- Complete dosage (as directed) and quantity

Appendix 2

Name	al-easec2-adj		Pack Details	
Dosage	A ActiLymph MTM Ease class 2 (23-32mmHg) below knee open toe ly... P		Description	Price
Quantity	<input type="text"/> x	Duration	<input type="text" value="28"/> Day(s)	Sup
Rx Types	Acute		Optional Prescripti	
Authorising Clinician	<input type="text"/>	<input type="checkbox"/> Private	<input type="checkbox"/> Personally-administered	
Warnings Drug Information Current Medication Past Medication Allergies Problems Drugs to Issue (1)				
Allergy				Date
Adverse reaction to Elastoplast				03-Feb-1
Adverse reaction to Penicillins				03-Feb-1
Aspirin not tolerated				17-Jun-2

- Click on ADD ANOTHER at the bottom right of the screen
- Type in the next code
- Select from the 2 options - Ease or Dura
- Continue as before and until all codes in then issue

Name	ALO-Band		Pack Details	
Dosage	A ActiLymph MTM Dura silicone band for lymphoedema garment lower ... P		Description	Price
Quantity	<input type="text"/> x	Duration	<input type="text" value="28"/> Day(s)	Sup
	B ActiLymph MTM Ease silicone band for lymphoedema garment lower ... P			

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