

IN-EXON

QUICK START GUIDE

MODEL 1.0 - 2026

ENGLISH

PAG. 21-37

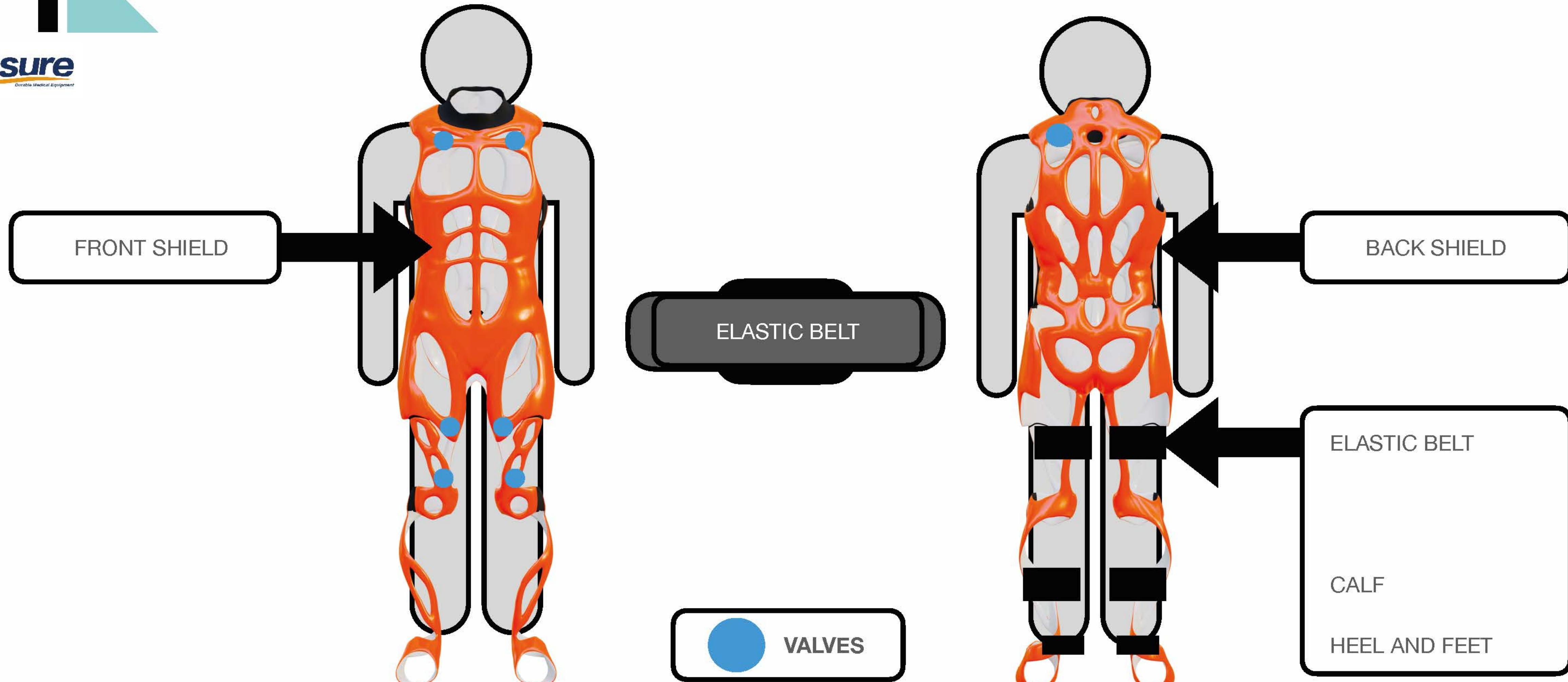
CHINESE

PAG. 38-57

1 STEEP

KNOW YOUR DEVICE **IN-EXON**

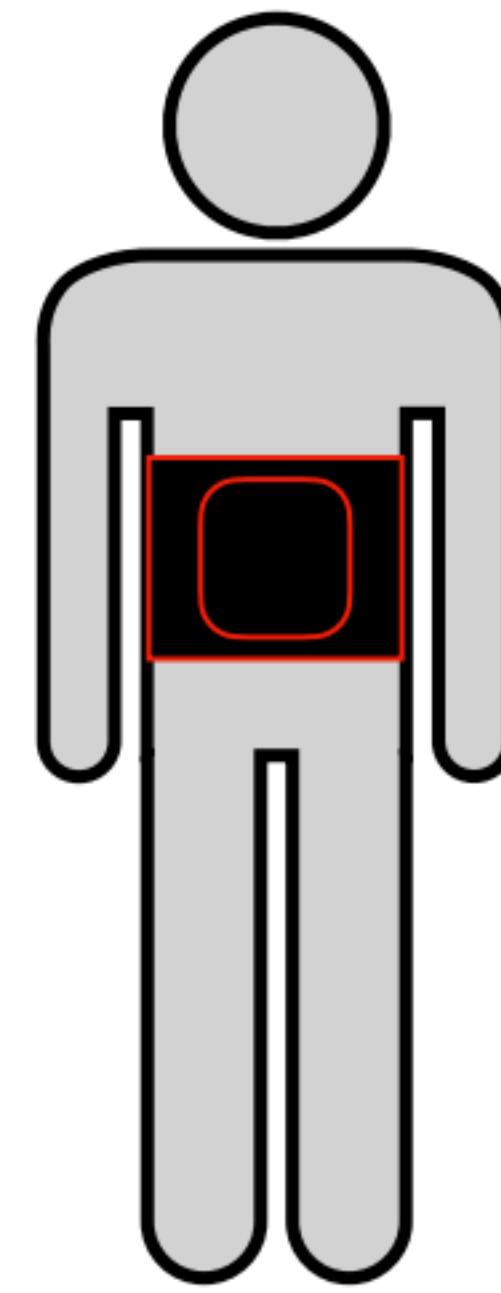
Assure
Durable Medical Equipment



2 STEEP

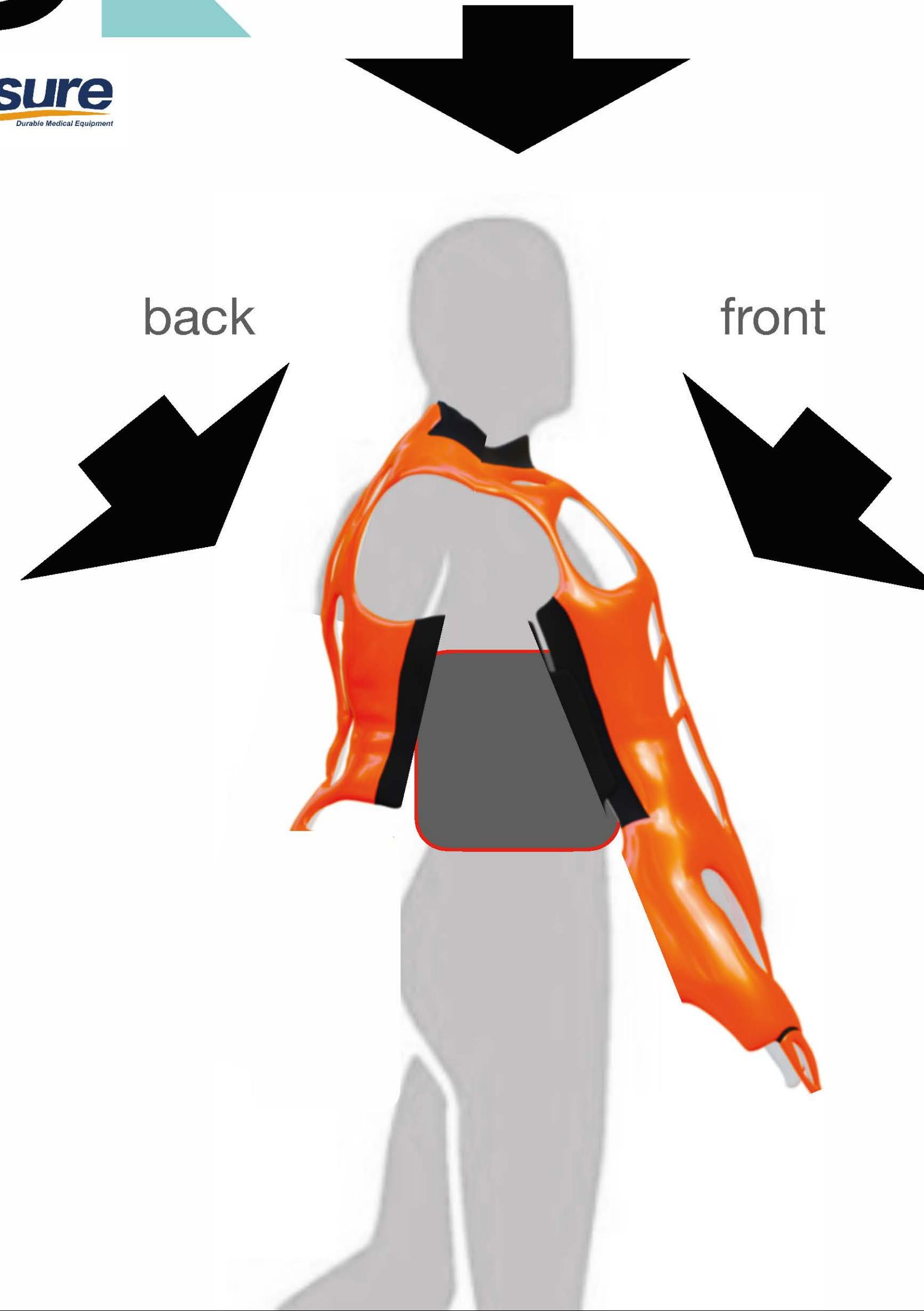
WEAR THE ELASTIC BELT **IN-EXON**

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WEAR THE ELASTIC BELT AS SHOWN IN THE PICTURE
MAKING SURE IT FITS WELL AND DOES
NOT IMPEDE PROPER BREATHING

3 STEEP



WEAR THE **IN-EXON** DEVICE

- A. DEFLATE THE DEVICE BEFORE THE USE AND AFTER
- B. POSITION THE VELCRO OF THE INFLATABLE SHIELDS ACCORDING TO YOUR SIZE
- C. POSITION THE VELCRO OF THE LEG IN THE THIGH CONNECTION AREA
- D. CHECK ALL AIR HOSE
- E. CONNECTIONS MAKE SURE THE SHIELDS ARE PROPERLY CONNECTED

- PUT ON THE ASSEMBLED DEVICE FROM THE HEAD
- ADHESIVELY ADHERENT THE VELCRO ON THE BACK TO THE ABDOMINAL BAND
- ADHESIVELY ADHERENT THE VELCRO ON THE FRONT SHIELD
- TIGHTEN THE THIGH STRAPS
- TIGHTEN THE CALF STRAPS
- TIGHTEN THE HEEL STRAPS

4 STEEP

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INDOSSARE IL DISPOSITIVO **IN-EXON**

- POSITION THE REAR SHIELD AS SHOWN
- ADJUST THE VELCRO SO THAT IT ADHERES TO THE ABDOMINAL BAND



FIX THE ELASTIC BELTS

1. THIGHS
2. CALF
3. HEEL AND FEET



5 STEEP

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IN-EXON

- 1.PUT ON THE ABDOMINAL BELT
- 2.PUT ON THE DEFLATED DEVICE
- 3.POSITION THE SHELLS AS SHOWN IN FIG. 3
- 4.TAP THE ELASTIC BANDS ON YOUR CALVES AND FEET
- 5.TAP THE ELASTIC BANDS ON YOUR THIGHS FIG. 3

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ENGLISH

IN

→ EXON[®]



Inflatable exoskeletal device
for swimming and aquatic rehabilitation

model 1.0 - 2026





INSTRUCTIONS FOR USE (IFU)

Inflatable exoskeletal device for swimming and aquatic rehabilitation

1. DEVICE IDENTIFICATION

Commercial name: IN-EXON inflatable exoskeleton

Device type: Non-active device (with active accessory)

Risk class (MDR): Class I (unless otherwise internally classified)

Marking: CE

Reference regulation: Regulation (EU) 2017/745 (MDR)

2. MANUFACTURER

Manufacturer: [Name and full address]

Country: [EU / Non-EU]

Authorized EU representative (if applicable): [Data]

Contact details: [Phone – Email – Website]

3. DEVICE DESCRIPTION

The device consists of rubber bladders designed to provide support, buoyancy, and stability during assisted swimming activities and rehabilitation exercises in water.

The system includes:

- inflatable inner tubes,
- safety valves,
- battery-powered electronic inflation and deflation device (accessory),
- replaceable compressed air canister (OPTIONAL).
- One canister provides at least 5 complete inflation cycles.



4. INTENDED PURPOSE

The device is intended to provide functional support and controlled buoyancy during:

- **motor rehabilitation exercises in water,**
- **assisted swimming,**
- **mobility exercises, functional recovery, and muscle strengthening in an aquatic environment**

⚠ The device is not intended for rescue or emergency functions.

5. PATIENT/USER POPULATION

The device is indicated for:

- **MEN,**
- **WOMEN,**
- **CHILDREN**, exclusively based on the size and model.

Use in children is permitted only under the direct and constant supervision of an adult or qualified healthcare professional.

6. INTENDED CONDITIONS OF USE

- Environment: pool, sea, controlled aquatic environments
- Use: individual
- Duration of use: according to rehabilitation program or planned activity
- Reusable



7. ESSENTIAL TECHNICAL FEATURES

- Maximum operating pressure: 6 PSI
- Inflation fluid: AIR
- Inflation system: electronic, battery-powered
- Accessory: compressed air canister
- Minimum number of inflations per canister: 1-5 TOTAL CYCLES

⚠ Exceeding the maximum pressure (6 PSI) may compromise the safety and performance of the device.

8. INSTRUCTIONS FOR USE

8.1 Preparation

- Check the integrity of the device before use.
- Make sure the electronic device is charged.
- Use only compatible canisters.

8.2 Inflation

- Connect the electronic system to the valve.
- Activate inflation.
- Do not exceed the maximum pressure of 6 PSI.
- Make sure the valves and connecting hoses are properly closed to the device and its components.



8.3 Use

- Wear or position the device according to the intended model.
- Follow the instructions for proper donning of the device components.
- Use only in supervised waters.
- In the event of air leaks or malfunctions, discontinue use and exit the water.

- 8.4 Deflation
- Activate the electronic deflation function or deflate manually.
- Do not use sharp objects.

9. CONTRAINDICATIONS

Do not use the device if you have:

- unprotected open wounds,
- current skin infections,
- medical conditions incompatible with water activities,
- known allergies to the constituent materials (e.g., rubber/latex, if present).
- Consult a doctor or physiotherapist before use if you have any medical conditions.



10. WARNINGS AND PRECAUTIONS

- **Do not use as a life-saving device.**
- Do not leave the user unattended.
- Do not dive or jump into water while wearing the device.
- Do not exceed the maximum pressure of 6 PSI.
- Do not modify the device or its accessories, or wear the device in a manner that is not in accordance with the instructions for use.
- Do not use if damaged.
- The electronic device ADDED AUTONOMOUSLY TO DEVICE must not be immersed in water unless certified for such use.

11. ADVERSE EVENTS

In the event of a serious accident or adverse event, discontinue use immediately and report it to the manufacturer and the competent authority pursuant to Article 87 of the MDR.

12. CLEANING AND MAINTENANCE

- Rinse with fresh water after each use.
- Dry completely.
- Use neutral detergents.
- Do not sterilize.
- Do not use harsh chemicals.



13. STORAGE

- Store the deflator in a cool, dry place, away from direct sunlight.
- Store the canisters according to the manufacturer's instructions.

14. LIFESPAN

- The lifespan depends on use and maintenance.
- Replace the device if it deteriorates or loses performance.

15. DISPOSAL

- Dispose of the device and canisters according to current regulations.
- Do not dispose of in the environment.

16.	SYMBOLS	(ISO	15223-1)	
CE	– Europe	an Con	formity	
!	Warning			
!	Consult	instru	ctions for	use
✗ N	ot a lif	e-savi	ng device	
!	Battery	operat	ed	
!	Compress	ed air		
!	Appropri	ate di	sposal	

FAQ

END USER

1. Is this a medical device?

No.

At present, this product is not classified as a medical device. However, it is well suited for post-traumatic rehabilitation and assisted swimming for people with disabilities, under proper supervision.

2. What is the device used for?

It is used to:

- support buoyancy,
- improve stability in water,
- assist swimming,
- support rehabilitation and functional recovery exercises.

3. Who can use the device?

It can be used by:

- adults,
- women,
- children (only with suitable size and model),
- people with disabilities.

 Children and users with reduced mobility must always be **supervised**.

FAQ

END USER

4. Where can it be used?

The device can be used:

- in swimming pools,
- in the sea,
- in supervised aquatic environments.

5. How can the device be inflated?

The device can be inflated using:

- a Bluetooth electronic pump,
- a manual pump,
- a 0.50-liter rechargeable air cylinder, using a bike-compatible accessory.

6. Can I inflate the device in the water?

Yes.

The device is designed to be:

- worn while deflated,
- inflated **directly in the water** according to personal needs.

7. How much should I inflate it?

Inflation can be adjusted to:

- achieve the desired rigidity,
- optimize performance during swimming or exercise.

 Do not exceed the maximum pressure specified by the manufacturer.

FAQ

END USER

8. Can I deflate it while in the water?

Yes.

The device can be **deflated in the water** to adjust:

- buoyancy,
- comfort,
- performance.

9. Can I adjust inflation multiple times during use?

Yes.

The device allows multiple inflation and deflation cycles during activity.

10. Is it safe for people with disabilities?

Yes, when used correctly.

It is suitable for **assisted swimming and water rehabilitation** but **must always be supervised**.

11. Is this device a life jacket?

No.

This device is not a life-saving device.

FAQ

END USER

12. What should I do if it loses air?

Stop using the device immediately and **leave the water**.

13. How do I clean it?

- Rinse with fresh water after use.
- Use mild detergents.
- Dry completely before storage.

14. How should it be stored?

- Store deflated.
- In a cool, dry place.
- Away from direct sunlight and heat sources.