



## **Infant Transport Device**

**Operating and Maintenance Manual**

# BabyPod 20

## Operating & Maintenance Manual

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## **Section 1.1 - Introduction**

This manual contains instructions for initial set-up and inspection of BabyPod 20, proper operator use of the device, and care and maintenance of BabyPod 20.

### **Caution**

Please read entire instruction manual prior to using BabyPod 20.

### **Warning**

Patients may be harmed by the incorrect use of this device.

## **Section 1.2 - Warnings**

- Only properly trained personnel who are aware of potential hazards or misuse should use BabyPod 20. Patients may be harmed by the incorrect use of this device.
- **DO NOT** leave baby unattended at any time while using BabyPod 20.
- **DO NOT** place a baby directly onto the printed side of the TransWarmer Infant Transport Mattress. TransWarmer's soft, non-woven surface is designed to be easy on baby's skin and provide nesting during transport.
- **DO NOT** lean on BabyPod 20 or place weight on top of BabyPod 20's lid sections.
- **DO NOT** leave open containers of liquid on or near BabyPod 20. BabyPod 20's lid section will not prevent fluids from spilling onto the baby.
- **DO NOT** activate the TransWarmer Infant Transport Mattress in ambient temperatures greater than 28.0 degrees Celsius. Ambient temperatures greater than 28.0 degrees Celsius may cause the mattress to become too hot and cause injury to the infant.

## **Section 1.3 - Cautions**

- Always check the security of the Stretcher Fixing Straps prior to transport with BabyPod 20. Strap buckles make an audible click when fully engaged.
- **DO NOT** modify or make additions to any part of BabyPod 20.
- Only BabyPod 20 parts and accessories available through customer services and authorised representatives should be used to replace any components or accessories.
- Use only non-abrasive cleansers to clean BabyPod 20. Abrasive cleaners may damage the surface of BabyPod 20.
- Protect BabyPod 20 from the impact of sharp or hard objects that may cause internal damage that is not visible on the surface of the unit.
- BabyPod 20 should be inspected before each use for signs of damage to its carbon fibre Outer Shell. Remove Infant Positioning Straps, Vacuum Mattress and Shock Absorbent Foam and carefully inspect the inner surface of the carbon fibre shell for signs of stress, including cracks, pockmarks or irregularities. Discontinue use of BabyPod 20 if signs of stress or damage are present.
- Chips in the outer shell's surface due to normal wear and tear generally do not affect the performance of the BabyPod 20. Damage due to abrasive or rubbing actions may affect the performance and should be carefully inspected. Discontinue use of BabyPod 20 if signs of abrasive damage are present.

### **Section 2.1 - Product Description**

BabyPod 20 consists of a lightweight carbon fibre outer shell, which is lined with a shock absorbent foam inner layer, and has a transparent lid for viewing the baby. BabyPod 20 contains a patient positioning vacuum mattress, stretcher fixing straps to secure the device for transport, and safety straps to position the infant inside the device during transport. Accessories available for BabyPod 20 include the Single-use TransWarmer Infant Transport Mattress. BabyPod 20 is designed to provide safe conveyance of patient whose weight does not exceed 17.5 lbs (8 kg.)

### **Section 2.2 - Indications**

BabyPod 20 is designed to safely convey a paediatric patient to or from a medical facility, between facilities or between departments within a single medical facility. BabyPod 20 is designed to provide safe conveyance of a patient whose weight does not exceed 17.5 lbs (8 kg.)

BabyPod 20 has been designed to exceed the standard CEN 1789 (10g in six directions).

### **Section 2.3 - Specifications**

| <b><u>Part Number</u></b> | <b><u>Component Description</u></b>            |
|---------------------------|--|
| BP20-001                  | BabyPod 20 Infant Transport Device             |
| BPOD2-002                 | Vacuum Mattress (BP20-002)                     |
| BPOD2-003                 | Infant Positioning Strap Set (BP20-003)        |
| BP20-005                  | Shock Absorbent Foam Set                       |
| BP20-006                  | 9kn Stretcher Fixing Strap Set                 |
| BP20-007                  | Viewing Lid                                    |
| BP20-012                  | Protective Storage Cover                       |
| TRANS01                   | TransWarmer Infant Transport Mattress - Single |

### **Section 2.4 - Accessories**

**USE ONLY** BabyPod 20 approved accessories with this device. Patients may be harmed by the incorrect use of this device.

| <b><u>Part Number</u></b> | <b><u>Description</u></b>                           |
|---------------------------|---|
| BP20-006 Aero             | 9kn Stretcher Fixing Strap Set - Aero               |
| BP20-013                  | Protective Carry Bag                                |
| BPOD2-020                 | Vacuum Pump (BP20-020)                              |
| TRANS06                   | TransWarmer Infant Transport Mattress (Set of 6pcs) |

**Section 3.1 - Product diagram**





## **Section 3.2 - Component descriptions**

### **Outer Shell**

The outer shell of BabyPod 20 is constructed of carbon fibre, producing a strong yet lightweight and durable material.

### **Shock Absorbent Foam**

BabyPod 20's internal shock absorbent foam is constructed of polyurethane foam with a PUNL® removable cover, which remains breathable yet impervious to liquids and solutions. The foam interior surrounds the infant's head, feet and sides during transport and is designed to help protect the infant in event of impact, and reduce vibrations that might reach the patient from movements of the transporting vehicle. The covers can be removed and washed, allowing for increased infection control.

### **Vacuum Mattress**

BabyPod 20's vacuum mattress is manufactured from a soft foil and is filled with flame-retardant polystyrene beads. Removal of the air from the vacuum mattress via the attached valve allows positioning of the baby within the BabyPod 20.

### **TransWarmer Infant Transport Mattress (Accessory)**

BabyPod 20 incorporates the Transwarmer Infant Transport Mattress which is designed to provide radiant heat and shock absorption to the infant during transport. TransWarmer is manufactured using the patented WarmGel technology, which provides even heating via non-migrating gel in a non-electric infant transport mattress. Infants may be placed directly on the TransWarmer's soft, non-woven surface.

### **Infant Positioning Straps**

BabyPod Infant Positioning Straps are manufactured from bands of soft foam which are attached using a hook and loop system. Each set is **SINGLE PATIENT USE ONLY**. BabyPods contains one set of 4 Infant Positioning Straps, 2 straps with pre-stitched hook tabs at each end and 2 straps with pre-stitched hook tab at one end only.

### **Stretcher Fixing Straps**

The Stretcher Fixing Straps come in a set of two Side Straps, for fixing the BabyPod 20 width-wise to any stretcher or gurney, and one End Strap, for fixing the device length-wise to a stretcher or gurney. BabyPod 20's Stretcher Fixing Straps are composed of a high-tensile polyester webbing with attached metal quick-connect and release buckles.

### **Viewing Lid**

The BabyPod 20's viewing lid is made from Polycarbonate, with a metallic sliding mechanism that contains no bearings, allowing it to easily be cleaned and maintain durability. The large viewing area allows good visibility of the patient during transport. The 'front end' section slides backwards allowing unhindered access to the infant's head, chest or feet (depending on which way infant has been placed). At the 'rear end', there is an additional sliding access port on the top of the Viewing Lid. When stationary, the entire viewing lid can be lifted backwards over the end of the BabyPod 20, allowing total access to the entire patient compartment.

### **Co2 Evacuation System**

If concerned about Co2 build-up in the patient compartment, this can be evacuated from the BabyPod 20 via the Entrainment System. An air supply can be attached to the inlet on the 'front end' of the BabyPod 20, which, using only low pressure and jet flow and mixing principles, will draw the Co2 from the BabyPod 20 interior and evacuate it via an outlet at the base of the BabyPod 20 'front end' section.

#### **Section 4 - Environmental conditions**

Environmental conditions may alter the use of BabyPod 20 slightly. Read the following specific instructions for more information.

#### **Warning**

- **DO NOT** leave BabyPod 20 in direct sunlight or near other radiant heat sources. Outside radiant heat sources may cause the baby to overheat.
- **DO NOT** use the TransWarmer Infant Transport Mattress in ambient temperatures greater than 28.0 degrees Celsius.
- **DO NOT** place a baby directly on the printed side of the TransWarmer mattress. An infant should be placed on TransWarmer's soft, non-woven surface.
- Secure BabyPod 20 to a stretcher or gurney when possible.
- BabyPod 20 may be hand-carried if no stretcher or gurney is available (e.g. Search and Rescue recovery). If BabyPod 20 is to be used in the absence of a stretcher or gurney, attach one Side Strap to both Stretcher Fixing Strap anchors on the same side of BabyPod 20. Repeat for the other Side Strap. Pull Side Straps up above the viewing area and hand-carry the device if necessary.

Please read the following instructions carefully and completely to minimise injury to BabyPod 20 operators and attendants.

### **Section 5.1 - Unpacking BabyPod 20**

Carefully and completely remove the packing material surrounding the BabyPod 20 and place the device (in its protective storage bag) on a smooth surface for inspection.

### **Section 5.2 - Inspecting BabyPod 20**

Careful inspection of BabyPod 20 prior to use is critical. Follow these steps in order to avoid overlooking important visual inspections.

**Warning**  
Carefully inspect BabyPod 20 between each use. A damaged device may harm patient.

**Warning**  
Patients may be harmed by the incorrect use of this device.

1. Place BabyPod 20 on a smooth surface for inspection
2. Remove BabyPod 20 carefully from its protective storage bag
3. Release the black lid lock mechanism at the 'front end' of the BabyPod 20 and gently slide the front section of the viewing lid towards the back of the device. When the lid is fully retracted and cannot slide any further, carefully lift the entire viewing area upwards and over the back of the device until it rests on the surface on which the device is placed, being careful not to bump the viewing lid on any surrounding objects.
4. Remove the loose contents of the BabyPod 20, including the TransWarmer Mattress and loose Stretcher Fixing Straps.
5. Note: Infant Positioning Straps are already fastened into position and should not be removed until they require replacement for a new patient and during cleaning.
6. Inspect the Side and End Stretcher Fixing Straps for integrity, making sure that the metal buckle is securely attached to the straps. DO NOT use any component that does not pass visual inspection.
7. Remove Vacuum Mattress from BabyPod 20. Inspect the mattress for holes or other obvious flaws.
8. Remove Shock Absorbent Foam interior. Inspect covers for any cuts or abrasions. Lay foam aside for re-assembly later.
9. Inspect Outer Shell for cracks or abrasions. First, inspect the inner carbon fibre surface of BabyPod 20's Outer Shell.

**Note:** Smoothness is not a requirement. Natural irregularities in texture due to the nature of the manufacturing process and materials are normal. Second, inspect the outer surface of BabyPod 20. Look for signs of stress due to abrasions.

10. Check the security of the Stretcher Fixing Strap Anchors on each side of BabyPod 20 and at the 'rear end' of the device (total of 5). Anchors should be firmly affixed to the device.
11. Carefully close Viewing Lid back over the BabyPod 20, checking operation of each hinge mechanism, and gently slide forward the 'front end' section and relocate on the lid locking mechanism. Check that the mechanism is securely closed. Inspect Viewing Lid sections carefully for cracks or irregularities. When the BabyPod 20 is closed, the Viewing Lid should be evenly aligned along the lengthwise axis of the device.
12. Inspect the Sliding Access Cover towards the 'rear end' section of the lid, checking that it slides freely and locates securely when it's closed position.



### **Section 5.3 - Re-assembly of BabyPod 20**

Once BabyPod 20 has been thoroughly inspected and cleared for use, the device must be re-assembled. Re-assemble BabyPod 20 according to the following instructions.

Place BabyPod 20 on a smooth surface for re-assembly.



Release the black lid lock mechanism at the 'front end' of the BabyPod 20 and gently slide the front section of the viewing lid towards the rear of the device.



**Section 5.3 - Re-assembly of BabyPod 20 cont...**

When the lid is fully retracted and cannot slide any further, carefully lift the entire viewing area upwards and over the back of the device until it rests on the surface on which the device is placed, being careful not to bump the viewing lid on any surrounding objects.



Beginning with the 'front end' and 'rear end' sections, place Shock Absorbent Foam pieces inside the interior of the BabyPod 20.



Attach the 4 Infant Positioning Straps, one at each end of each interior locating rail using the pre-stitched hook material, sliding under the rail and back onto itself.



**Section 5.3 - Re-assembly of BabyPod 20 cont...**

Secure “Side” foam to the BabyPod 20 interior by attaching the loop under the bracket (older versions have “poppers” located on the back (blue) side of each “Side” section for attaching). Re-align the “End” foam panels in both the ‘front end’ and the ‘rear end’ sections.



Insert the “Base” foam section into the bottom of the BabyPod, making sure to keep the 4 Infant Positioning Straps Accessible. On top of this, place Vacuum Mattress with the vacuum port, where the feet of the baby will be(recommended), with the valve facing up. The valve should be in the open position (tubing sections fully engaged with the black “O” ring hidden from view) to allow air to enter the mattress. Spread the polystyrene bead contents of the mattress evenly by hand.



Pass each Infant Positioning Strap through it’s corresponding slot in the Vacuum Mattress. There are two available slots for each strap to cater for larger or smaller patients.





**Section 5.3 - Re-assembly of BabyPod 20 cont...**

At this stage, the Vacuum Mattress should be tested according to the instructions in Section 5.4.

Once the Vacuum Mattress has been tested, place the TransWarmer Infant Transport Mattress with the printed side up so that it is ready to be activated. Once activated, the TransWarmer should be turned so that the soft, non-woven side faces up. **DO NOT** place a baby directly on the printed side of the TransWarmer Infant Transport Mattress.



Attach one End, and two Side Stretcher Fixing Straps to BabyPod 20. Insert male latch into female anchor buckle. Listen for the click to indicate a secure connection.



Carefully close Viewing Lid back over the BabyPod 20, and gently slide forward the 'front end' section and relocate on the lid locking mechanism, checking that the mechanism is fully engaged and the Viewing Lid secure.

**BabyPod 20 is now ready for use.**

### **Section 5.4 - Testing the Vacuum Mattress**

The Vacuum Mattress valve consists of one long tubing section, and one short tubing section (marked by a black “O” ring).

To open the valve prior to vacuum suctioning, press the short tubing section into the long section. An audible click will sound when the sections are properly engaged and the “O” ring will no longer be visible. Vacuum may be applied once the two sections are engaged.

**Valve open** = Black “O” ring **NOT** visible

**Valve closed** = Black “O” ring visible

Check the integrity of the Vacuum Mattress valve by applying vacuum to the open valve (long and short tubing sections properly engage with the black “O” ring hidden from view) to suction air from inside the mattress.

If operating properly, the Vacuum Mattress should lose its mouldability and become stiff. Once the Vacuum Mattress has been suctioned successfully, depress grey tab on the Vacuum Mattress valve to close valve. Check mattress to see that it does not re-inflate but retains its moulded shape. Re-connect the valve sections (listen for the click to indicate successful engagement) to open the vacuum valve and allow air to re-enter the mattress. This will prepare the mattress for use.

**Warning**  
Do not use the Vacuum Mattress if it does not pass this inspection



Connect the two sections of tubing until an audible “click” is heard and the black “O” ring disappears from view. This opens the valve, allowing air to be removed from the mattress via suction.

## Section 6 - Operating instructions

**Warning**  
Carefully inspect BabyPod 20 between each use. A damaged device may harm patient.

**Warning**  
Patients may be harmed by the incorrect use of this device.

### Section 6.1 - Securing BabyPod 20 to Transport Stretcher or Gurney

The Side Straps attached to the Stretcher Fixing Strap Anchors are used to secure BabyPod 20 to the stretcher or gurney or to hand carry the device.

Position BabyPod 20 in the centre of the stretcher making sure that it is facing in the proper direction. The 'front end' of the BabyPod 20 should be placed at the head of the stretcher.

Note: See direction of travel arrow on the outer shell of BabyPod 20.



Feed one Side Stretcher Fixing Strap at the 'front end' and one at the 'rear end' of the BabyPod 20 underneath the stretcher base and attach the male latch on the strap to the female anchor buckle affixed to the opposite side of BabyPod 20. **Connections are secure when a click is heard.** Pull on the webbing away from the slider buckle to tighten straps.

Feed the long portion of the End Stretcher Fixing Strap underneath the foot bar of the stretcher and back through the metal slider buckle. Grasp the webbing and pull away from the slider buckle to tighten the strap. Make sure that the End Strap is securely tightened around the stretcher foot bar.

**Re-check the security of all Stretcher Fixing Straps to ensure patient safety before transport!**

### Section 6.2 - Opening BabyPod 20

Release the black lid lock mechanism at the 'front end' of the BabyPod 20 and gently slide the 'front end' section of the viewing lid towards the rear of the device.

When the lid is fully retracted and cannot slide any further, carefully lift the entire viewing area upwards and over the rear of the device until it rests on the surface on which the device is placed, being careful not to bump the viewing lid on any surrounding objects.

**Caution**  
Always use two hands to lift Viewing Lid and exercise extreme caution not to drop the lid onto the BabyPod 20 from its raised position.

**Warning**  
Improper handling and use of the Viewing Lid mechanism risks harm to the device and to the patient.



### **Section 6.3 - Activating the TransWarmer Infant Transport Mattress**

#### **Warning**

DO NOT use the TransWarmer Infant Transport Mattress in ambient temperatures greater than 28.0 degrees Celsius. Ambient temperatures greater than 28.0 degrees Celsius may cause Warmer Mattress to become too hot and cause injury to the infant.

1. Locate metal disc and grasp with thumb and forefingers of both hands.
2. Flex (bend) disc rapidly until crystals begin to form.
3. Massage pack to soften and to increase the activation rate.
4. After pack is fully activated, indent centre with palm to form a small nest.
5. Lay infant in nest on fabric surface.
6. Check infant skin for redness and monitor core temperature regularly.

**Note: The TransWarmer Infant Transport Mattress is a single-use, disposable product. Discard after each patient use. To order more TransWarmer Infant Transport Mattress, contact our Customer Service Department at:**

**Tel: +44 (0)1992 535933**

**Email: [sales@babypod.com](mailto:sales@babypod.com)**

#### **Warning**

Patients may be harmed by the incorrect use of this device.

### **Section 6.4 - Placing baby inside BabyPod 20**

Place the baby in the BabyPod 20 with either head or feet in 'front end' section of the BabyPod 20. The orientation of the baby shall be determined by the clinician based on the monitoring and medical aid requirements of the baby during transportation and the layout of the transport vehicle.

Place baby face-up on the non-woven surface of the TransWarmer Infant Transport Mattress. **DO NOT** place a baby directly onto the printed side of the TransWarmer mattress.

### **Section 6.5 - Operating Vacuum Mattress**

Check to see that the Vacuum Mattress valve is at the baby's feet. Valve should be open with the long and short tubing sections engaged (black "O" ring hidden).

Check to see that the baby is in the desired position for transport.

Place vacuum source into short tubing section on Vacuum Mattress valve and slowly suction air from the mattress while hand shaping the mattress around the baby. As air is removed, the Vacuum Mattress acts as a positioning and retaining shell for the baby.

#### **Warning**

Improper use of the Vacuum Mattress may cause injury to the patient during transport.

Once the Vacuum Mattress is in the desired position, remove the vacuum source and close the mattress valve by depressing the grey tab and disengaging the long and short tubing sections. Once disengaged, the short tube's black "O" ring is visible.

**Section 6.6 - Securing baby inside BabyPod 20**

Once the baby is properly positioned and the air removed from the Vacuum Mattress, position the baby in the BabyPod 20 using the Infant Positioning Straps.

Making sure that the straps have been passed through its corresponding slot on the Vacuum Mattress, take one Infant Positioning Strap from the 'rear end' of the BabyPod 20 and the strap from the 'front end' on the opposite side and cross them over the baby's torso. Secure the straps together using the pre-stitched hook tab.

**Warning**

Patients may be harmed by the incorrect use of this device.

Repeat this procedure with the corresponding front and rear straps on the opposite side. The two Infant Positioning Straps, when properly engaged, should form an "X" across the baby's torso. Infant Positioning Straps should be snug across the baby's torso, but not apply undue pressure. Improper use of the Infant Positioning Straps may cause injury to the patient during transport.

**Warning**

Each set of Infant Positioning Straps are **SINGLE PATIENT USE ONLY**



### **Section 6.7 - Closing BabyPod 20 with baby enclosed**

Check baby's positioning before closing BabyPod 20. Re-check the security of the Infant Positioning Straps before closing the device.

Carefully close Viewing Lid back over the BabyPod 20 Outer Shell, using two hands at all times until the Lid locates against the sides of the Outer Shell. Take care at all times that any ventilator or IV tubing passing through the Tubing Access Ports on the sides of the BabyPod 20 do not become trapped under the Viewing Lid. Gently slide the front lid section forwards towards the front of BabyPod 20, and relocate on the lid locking mechanism, checking that the mechanism is securely closed and that the lid cannot slide backwards of its own accord.

**DO NOT** transport a baby without verifying the security of the Viewing Lid.

Re-check the security of the Stretcher Fixing Straps before transporting baby. If straps have become loose, tighten by grasping the webbing and pulling away from the slider buckles.

Re-check the security of BabyPod 20's closure to ensure patient safety.

**Warning**  
Patients may be harmed by the incorrect use of this device.

### **Section 6.8 - Monitoring baby inside BabyPod 20**

Monitor baby visually while using BabyPod 20.

Check baby's skin occasionally for redness or irritation while TransWarmer Infant Transport Mattress is in use.

Monitor infant's temperature while TransWarmer Infant Transport Mattress is in use.

To minimise heat loss during transport, leave patient access port in Viewing Lid in the closed position during transport unless the baby requires active care.

### **Section 6.9- Removing baby from BabyPod 20**

To remove baby from BabyPod 20, release the black lid lock mechanism at the 'front end' of the BabyPod 20 and gently slide the front section of the viewing lid towards the rear of the device. When the lid is fully retracted and cannot slide any further, carefully lift the entire viewing area upwards and over the rear of the device, using two hands at all times, until it rests on the surface on which the device is placed, being careful not to bump the viewing lid on any surrounding objects.

Remove Infant Positioning Strap from across the baby's torso, being careful not to disturb any ventilator or IV tubing.

Open the Vacuum Mattress vacuum valve by pressing the two valve sections together. The click indicates proper engagement. The mattress should fill with air and become soft and mouldable.

Carefully lift the baby from BabyPod 20, making sure that any ventilator or IV tubing clears the patient compartment.

**Warning**  
Patients may be harmed by the incorrect use of this device.

## Section 7 - Cleaning BabyPod 20

### **Caution**

BabyPod 20 should be thoroughly cleaned and inspected after each patient use.

See Section 5 for Step-by-step Safety Inspection Instructions

Abrasive, harsh or non water-based cleansers may damage BabyPod 20's carbon fibre Outer Shell. **USE ONLY** mild water-based, non-abrasive cleansers and a soft, absorbent cloth to clean the Outer Shell. Dry BabyPod 20 with a soft, absorbent cloth.

Clean BabyPod 20's internal component using only mild water-based cleansers in accordance with hospital protocol.

## **Section 8 - Maintenance of BabyPod 20**

Follow cleaning instructions in Section 7 for general care of BabyPod 20. Special care is needed for both the carbon fibre Outer Shell and the Vacuum Mattress as noted below:

- **Outer Shell**

BabyPod 20 should be inspected at regular intervals for signs of damage to its carbon fibre Outer Shell (see Section 5.2 for step-by-step instructions). For best results, remove Infant Positioning Straps, Vacuum Mattress and Shock Absorbent Foam and carefully inspect the inner surface of the carbon fibre shell for signs of stress, including cracks, pockmarks or irregularities.

Discontinue use of BabyPod 20 if signs of damage are present.

BabyPod 20's Outer surface does not affect the integrity of the carbon fibre shell. Chips or scratches to BabyPod 20's finished outer surface due to normal wear and tear do not affect the performance of the unit. Even with normal use, BabyPod 20 may eventually need to be refurbished. Contact our Customer Service Department for further information on refurbishment of BabyPod 20.

Inspect BabyPod 20's Outer Shell for cracks and abrasions. First, inspect the inner carbon fibre surface of BabyPod 20's Outer Shell.

**Note:** Smoothness is not a requirement. Natural irregularities in texture due to the manufacturing process are normal.

Note: Cracks in the carbon fibre Outer Shell may not be apparent by visual inspection of the outer surface. Always check the inside surface of the Outer Shell for accurate visual assessment.

### **DO NOT use any component that does not pass visual inspection.**

Inspect the integrity of the carbon fibre rods inside BabyPod 20's Outer Shell. Check the security of the attached Infant Positioning Straps before re-inserting the Shock Absorbent Foam interior panels. Infant positioning straps should be connected at an angle so that straps secure in a cross-wise "X" fashion over the baby's torso.

### **Warning**

Each set of Infant Positioning Straps are **SINGLE PATIENT USE ONLY**

Protect BabyPod 20 from the impact of sharp or hard objects that may cause internal damage that is not visible on the surface of the unit.

### **Section 8 - Maintenance of BabyPod 20 cont...**

Under **NO** circumstances should modifications or additions be made to BabyPod 20.

Clean BabyPod 20's Outer Shell with only a soft, absorbent cloth or wipe.

- **Vacuum Mattress**

BabyPod 20's Vacuum Mattress is constructed of a soft foil material which can be easily damaged by sharp objects. Keep all sharp objects away from the Vacuum Mattress to protect its internal components.

Test the Vacuum Mattress between each patient use. See Section 5.2 for step-by-step safety inspection instructions and Section 5.4 for testing procedures.

**Note:** Only genuine BabyPod 20 parts and accessories should be used to replace any components or accessories. For replacement or additional parts, contact our customer service department at:

**Tel: +44 (0)1992 535933**

**Email: [sales@babypod.com](mailto:sales@babypod.com)**

### **Section 9 - Storage of BabyPod 20**

BabyPod 20 should be stored in its protective storage cover or carry bag when not in use. To minimise component material breakdown, BabyPod 20 should be stored in a temperature-controlled environment between 18 degrees and 24 degrees Celsius.



**Section 10 - Troubleshooting**

Basic troubleshooting for BabyPod 20 appears below. If there are questions or concerns not addressed below, take BabyPod 20 out of service and contact our Customer Service Department.

| <b><u>Problem</u></b>                      | <b><u>Possible cause</u></b>                                 | <b><u>Correction</u></b>   | <b><u>Section</u></b> |
|--|--|--|-----------------------|
| Baby too cold                              | Disposable warming mattress not in use.                      | Activate TransWarmer Mattress before placing baby in BabyPod 20.                               | 6.3                   |
| Baby too cold                              | Disposable warmer mattress used in excess of 2 hours.        | Activate new TransWarmer Mattress after 2 hours of transport.                                  | 6.3                   |
| Baby too hot                               | BabyPod 20 used outside prescribed environmental conditions. | DO NOT use the TransWarmer Mattress in ambient temperatures greater than 28.0 degrees Celsius. | 6.3                   |
| Visual damage to BabyPod 20 Outer Shell    | Damaged due to sharp objects or blunt force.                 | Inspect inside of carbon fibre Outer Shell for cracks, replace if necessary.                   | 8                     |
| Buckle not fully engaged                   | Inadequate connection.                                       | Listen for audible click to engage fully.  | 6.1                   |
| Baby not secure within patient compartment | Vacuum Mattress not correctly suctioned.                     | Suction air from Vacuum Mattress with baby in place.   | 6.6                   |
| Baby not secure within patient compartment | Infant Positioning Straps not properly secured.              | Secure Infant Positioning Straps.  | 6.6                   |
| Lid opens during transport                 | BabyPod 20 Viewing Lid not properly secured.                 | Check that viewing lid securing latch are properly engaged.                                    | 6.7                   |



## **Section 11 - Summary**

The following summary is not intended to take place of the full Operating Instructions for use of BabyPod 20.

### **BabyPod 20 Product Description and Indication for Use**

BabyPod 20 is designed to safely convey a paediatric patient to or from a medical facility, between facilities or between departments within a single medical facility. BabyPod 20 consists of a lightweight carbon fibre outer shell which is lined with a shock absorbent foam inner layer, and has transparent shields for viewing the baby. BabyPod 20 contains a patient positioning vacuum mattress, stretcher fixing straps to secure the device for transport, and safety straps to position the baby inside the device during transport.

### **Safety Inspection Steps Prior to operating BabyPod 20**










1. Unpack BabyPod 20
2. Inspect BabyPod 20
3. Re-assemble BabyPod 20
4. Test the Vacuum Mattress

### **BabyPod 20 Operating Instructions**

1. Secure BabyPod 20 to transport stretcher or gurney
2. Open BabyPod 20
3. Activate the TransWarmer Infant Transport Mattress
4. Place baby inside BabyPod 20
5. Operate the Vacuum Mattress
6. Secure baby inside BabyPod 20
7. Close BabyPod 20 with baby enclosed
8. Monitor baby inside BabyPod 20

**Section 12 - Regulatory Information**

**Symbols:**

|   |  |
|---|--|
|    | <p>CE Marking of Conformity</p>                                |
|    | <p>Authorized Representative<br/>in the European Community</p> |
|    | <p>Catalogue Number</p>  |
|    | <p>Serial Number</p>   |
|  | <p>Consult Instructions for use</p>                            |
|  | <p>Medical Device</p>  |
|  | <p>Manufacturer</p>  |
|  | <p>Date of Manufacture</p>                                     |
|  | <p>Unique Device Identifier</p>                                |

**Serious Incidents:**

Any serious incident that has occurred in relation to this device should be reported to the manufacturer and the competent authority of the Member state in which the user and/or patient is established.

**Section 13 - User Notes**

**Serial N°:** \_\_\_\_\_

**Purchase Date:** \_\_\_\_\_

**Purchased from:** \_\_\_\_\_

**Service Contact Tel.:** \_\_\_\_\_

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Manufactured by:



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