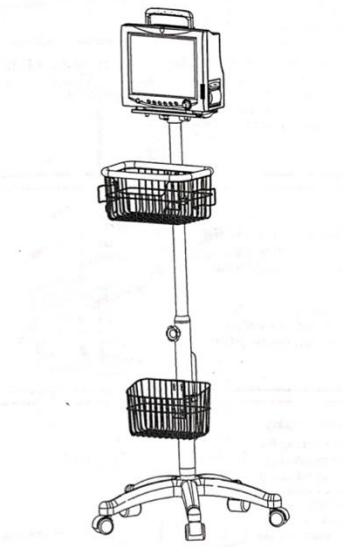
BASE RODANTE PARA VS800



INVENTARIO TÉCNICO

Nombre: BASE RONDANTE

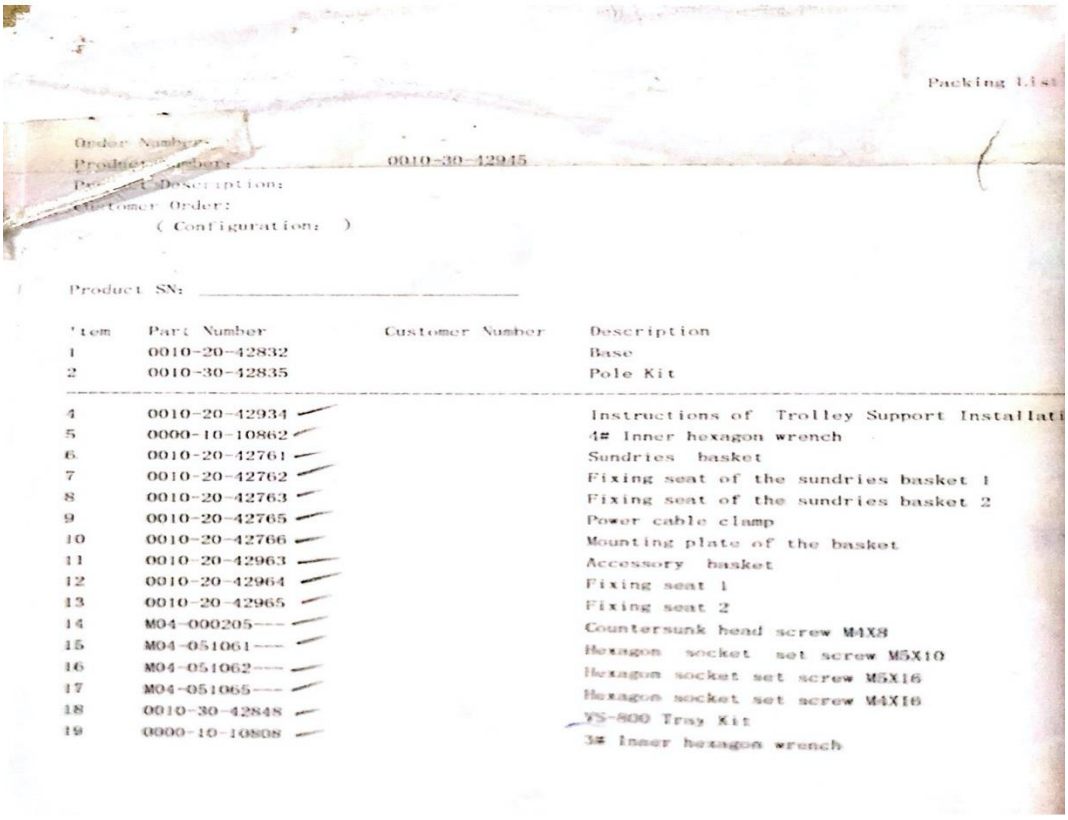
Modelo: VS800

Marca: MINDRAY

Referencia: 0010-30-42945

Cantidad	Rack	Columna	Tramo
11	C	1	1

Packing list:



Packing List

Order Number:
Product Number: 0010-30-42945
Product Description:
Customer Order:
(Configuration:)

Product SN: _____

Item	Part Number	Customer Number	Description
1	0010-20-42832		Base
2	0010-30-42835		Pole Kit
4	0010-20-42934		Instructions of Trolley Support Installati
5	0000-10-10862		4# Inner hexagon wrench
6	0010-20-42761		Sundries basket
7	0010-20-42762		Fixing seat of the sundries basket 1
8	0010-20-42763		Fixing seat of the sundries basket 2
9	0010-20-42765		Power cable clamp
10	0010-20-42766		Mounting plate of the basket
11	0010-20-42963		Accessory basket
12	0010-20-42964		Fixing seat 1
13	0010-20-42965		Fixing seat 2
14	M04-000205---		Countersunk head screw M4X8
15	M04-051061---		Hexagon socket set screw M5X10
16	M04-051062---		Hexagon socket set screw M5X16
17	M04-051065---		Hexagon socket set screw M4X16
18	0010-30-42848		VS-800 Tray Kit
19	0000-10-10808		3# Inner hexagon wrench

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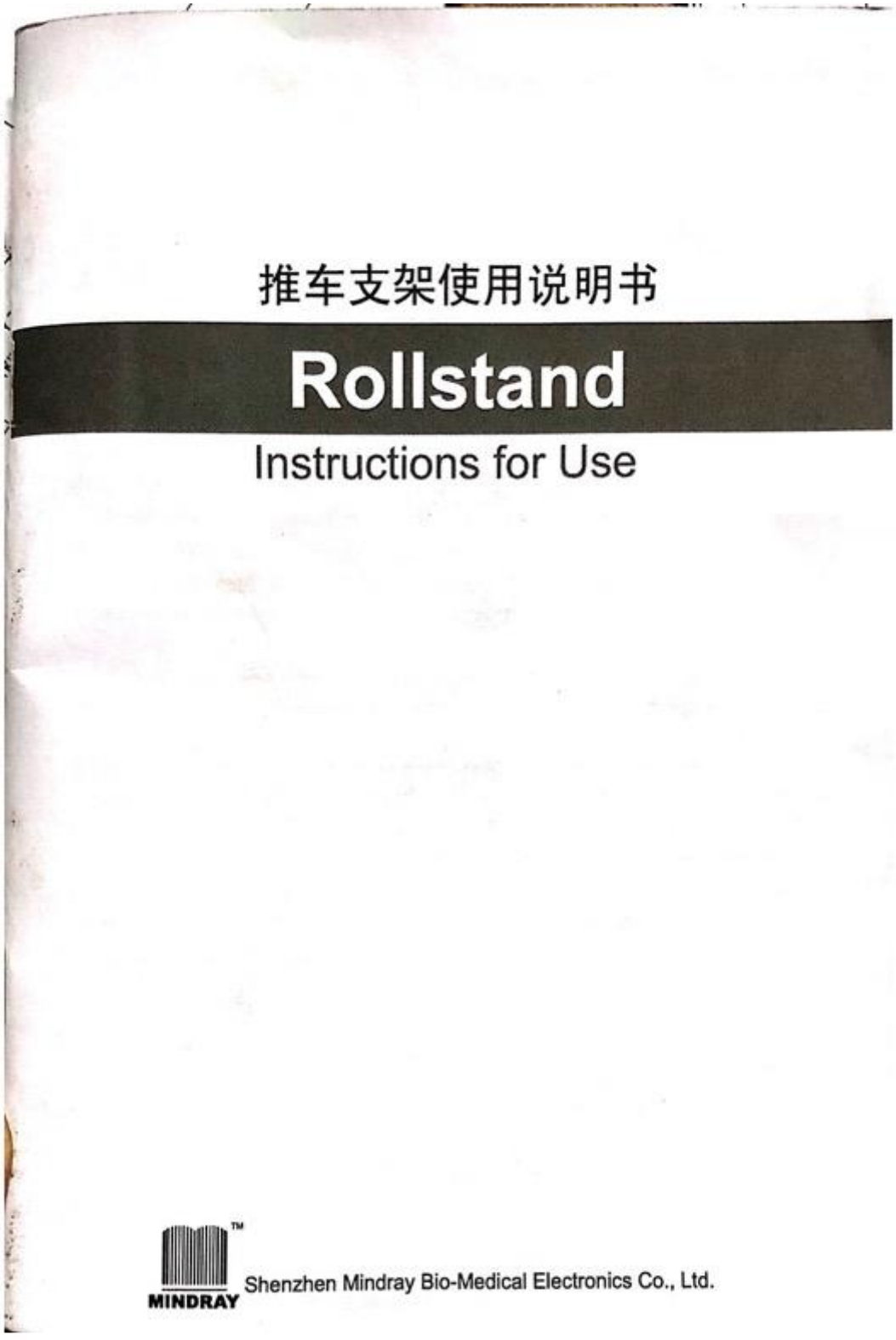
Manual de instalición:



推车支架使用说明书

Rollstand

Instructions for Use

MINDRAY™ Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

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Statement

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This manual provides the instructions necessary to operate the product in accordance with its function and intended use. Observance of this manual is a prerequisite for proper performance and correct operation, and ensures patient and operator safety.

Mindray is responsible for safety, reliability and performance of this product only in the condition that:

- This product is operated under strict observance of this manual.
- This product is not damaged by human factors. Human factors refer to unintentional falling, intentional damaging, etc.

In the event that it becomes necessary to return a unit to Mindray, please contact the Mindray Service Department and obtain a Mindray Customer Service Authorization Number. The Mindray Customer Service Authorization Number must appear on the outside of the shipping container. Return shipments will not be accepted if the Mindray Customer Service Authorization Number is not clearly visible. Please provide the model number, serial number, and a brief description of the reason for return. The customer is responsible for freight charges when this product is shipped to Mindray for service (including any relevant customs fees or other freight related charges).

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Safety Information

The safety statements presented in this chapter refer to the basic safety information that the operator of trolley-mount bracket shall pay attention to and abide by. There are additional safety statements in other sections that are the same as, similar to, or specific to the operations.

- **Danger**: Indicates an imminent hazard situation that, if not avoided, will result in death or serious injury.
- **Warning**: Indicates a potential hazard or unsafe practice that, if not avoided, could result in death or serious injury.
- **Caution**: Indicates a potential hazard or unsafe practice that, if not avoided, could result in minor personal injury or product/property damage.
- **Note**: Provides application tips or other useful information to ensure that you get the most from your product.

There are no dangers that refer to the product in general.

Warnings:

- During the application, the handle of the rollstand for height adjustment must be fastened reliably.
- The tilt angle of the plane on which the rollstand is placed shall be not greater than 10°.

Caution:

- Use the standard parts and components (such as screws and nuts) accompanying the rollstand for assembly. Or use the specifications specified in these instructions.

Notes:

- Keep this manual close to the rollstand so that it can be obtained conveniently when necessary.
- Loosen the brake of the wheels before moving the rollstand.
- The instructions to the product are based on the maximum configurations and functions, some of which may not apply to your rollstand.
- The patient monitor adopted in these instructions can be different from that in the actual situation. This, however, does not impact the application of the rollstand.

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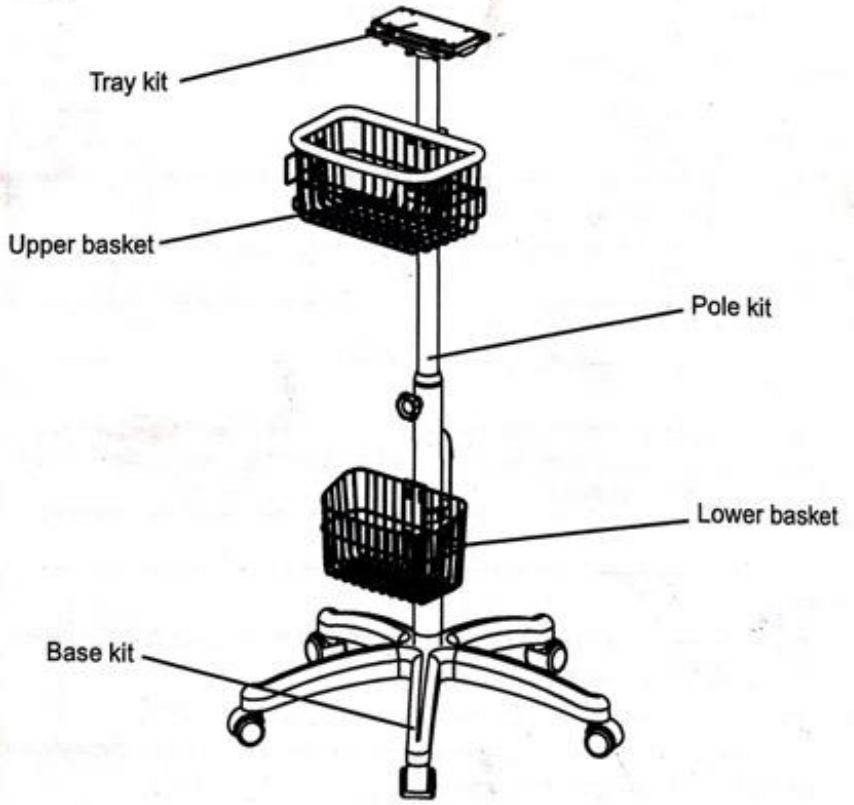
Installation Instructions

This product is intended for supporting and fixing the 5000, 6000, 7000, 8000, 9000, VS-800, and Beneview series patient monitors produced by Mindray. Its users should have some knowledge about mechanical installation.

Be sure to understand all the precautions listed in the previous sections before using the rollstand.

Rollstand Components

To take the configuration of 8000 series patient monitors as an example, The rollstand is composed of: Tray kit, Base kit, Pole kit, Upper basket (for accessories) kit, Lower basket (for sundries) kit, For details about the configurations of the rollstand for various models of patient monitors, see List of Rollstand Parts in Appendix A below.



Parts List

See Appendix A.

Assembly Tools

The assembly tools include screwdriver and inner hexagon wrench.

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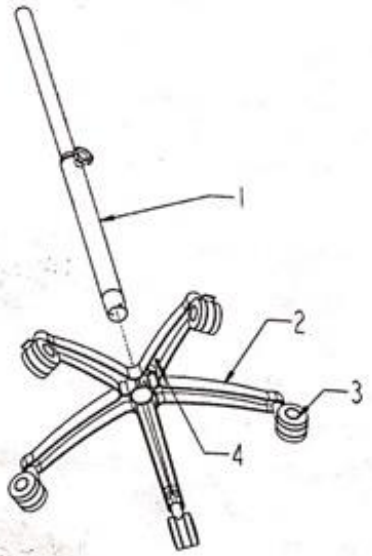
Assemble the Rollstand

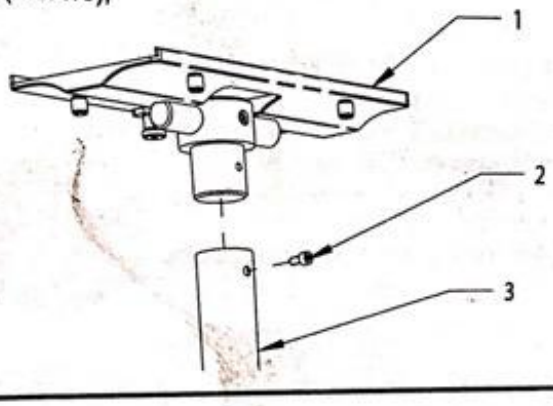
1. Insert the pole kit into the central hole of the base , and use a M5X16 Hexagon socket set screw to fix the pole kit.

1-Pole kit; 2-Base;
3-Wheel;
4-Hexagon socket set screw (M5X16)



2. Insert the tray kit from the top of the pole kit and use one M5X10 hexagon socket set screw to secure it.

1-Tray kit;
2-Hexagon socket set screw (M5X10);
3- Pole kit



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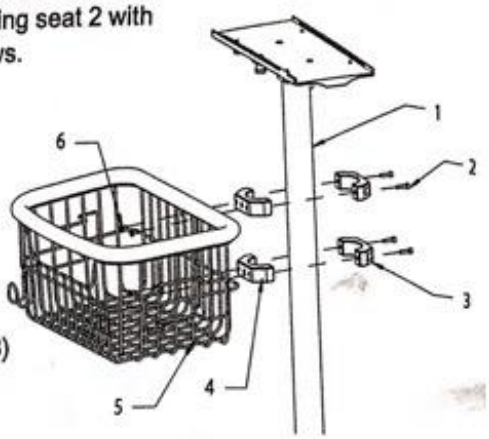
Installation Instructions

Assemble the Rollstand

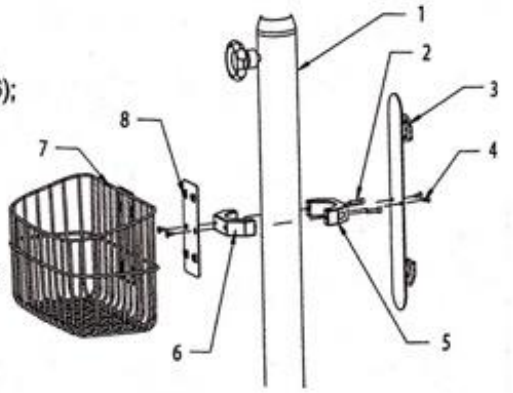
3. Install the fixing seats onto the upper pole with four M4X16 hexagon socket set screws and fix the accessories basket onto the fixing seat 2 with four M4X8 countersunk head screws.

1-Upper pole;
2-Hexagon socket set screw (M4X16);
3-Fixing seat 1; 4-Fixing seat 2;
5-Assessories basket;
6-Countersunk head screw (M4X8)



4. Fix the fixing seats of the lower basket onto the lower pole with two hexagon socket set screws. Install the mounting plate and the power cable clamps onto the fixing seats of the lower basket with two M4X8 countersunk head screws respectively, and then hang the lower basket onto the mounting plate.

1-Lower pole;
2-Hexagon socket set screw (M4X16);
3-Power cable clamp;
4-Countersunk head screw (M4X8);
5-Fixing seat of the lower basket 1;
6-Fixing seat of the lower basket 2;
7-Lower basket;
8-Mounting plate of the lower basket



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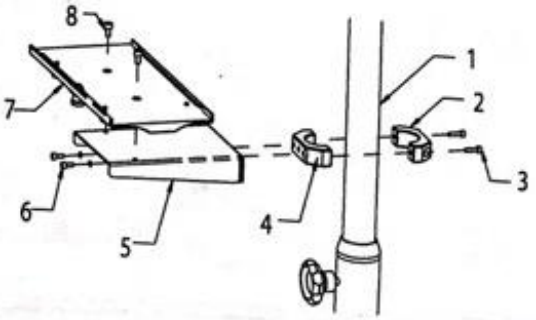
Install the Patient Monitor onto the Rollstan

Install the 6000 Series Patient Monitors

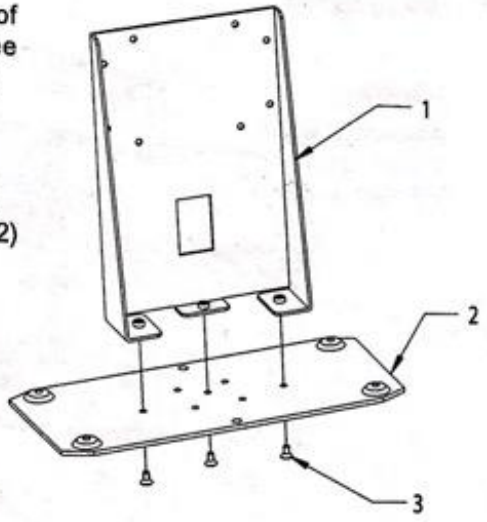
1. Install the fixing seats onto the upper pole with two M4X16 hexagon socket set screws. Install the supporting plate of the main unit onto the fixing seats with two M4X10 hexagon socket set screws and spring washers, and then fix the tray kit onto the supporting plate of the main unit with two M5X10 hexagon socket set screws.

1-Upper pole; 2-Fixing seat 1;
3-Hexagon socket set screw (M4X16);
4-Fixing seat 2;
5-Supporting plate of the main unit;
6-Hexagon socket set screw (M4X10)+ spring washer;
7-Tray kit;
8-Hexagon socket set screw (M5X10)



2. Assemble the mounting plate of the display and the transition plate of the main unit together with three M4X12 countersunk head screws.

1-Mounting plate of the display;
2-Transition plate of the main unit;
3-Countersunk head screw (M4X12)



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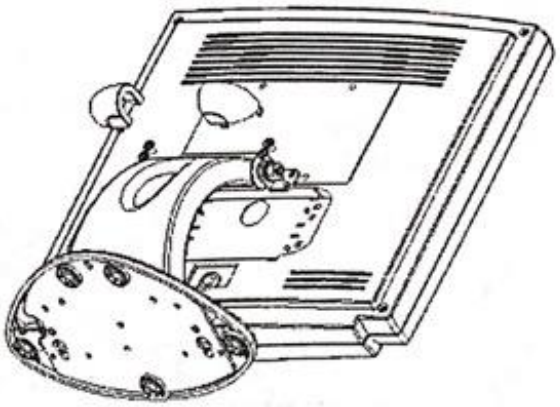
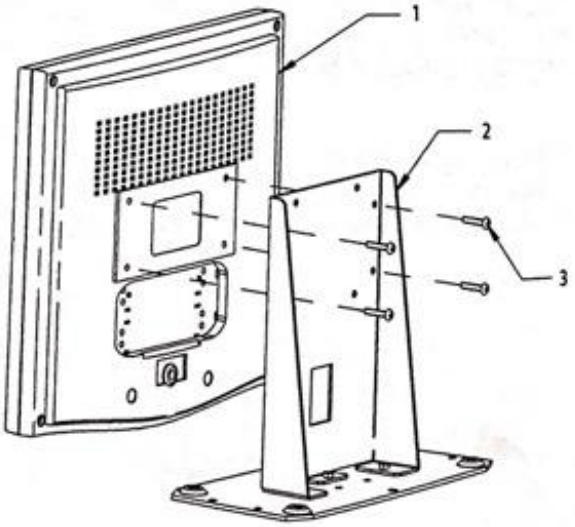
Install the Patient Monitor onto the Rollstand

3. Dismantle the base of the display



4. Fix the display onto the mounting plate of the display with M4X20 screws.

1-Display;
2-Mounting plate of the display;
3-Screw (M4X20)



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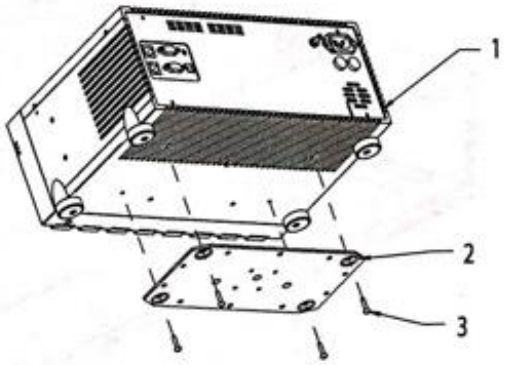
Install the Patient Monitor onto the Rollstand

5. Press down the spring pin on the tray to let the mounting plate of the display slide into the tray. Then bounce the spring pin to make it enter the positioning hole on the transition plate of the main unit and fasten the plastic screws on the tray (see "Adjust the Rollstand").

6. Fix the transition plate of the main unit onto the bottom surface of the main unit with M4X12 screws.

1-Main unit of the patient monitor;
2-Transition plate of the main unit;
3-Screw (M4X12)



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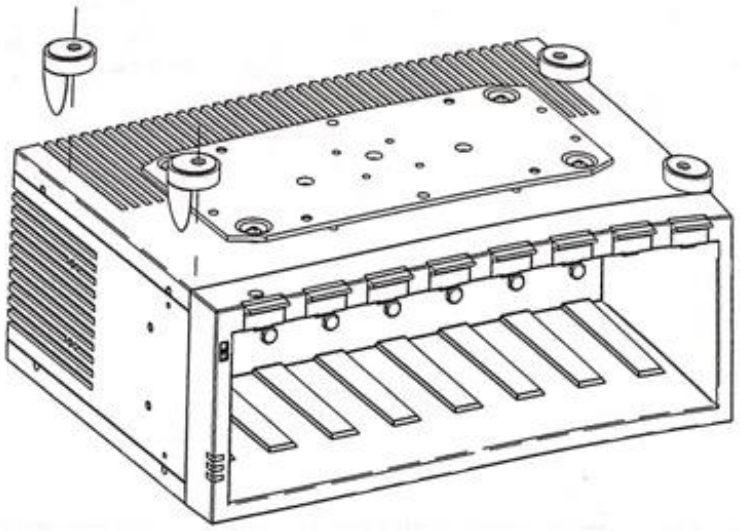
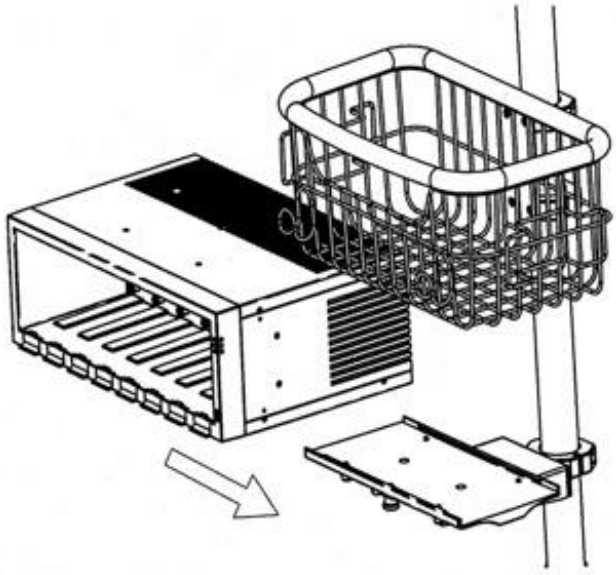
Install the Patient Monitor onto the Rollstand

7. Dismantle the two supporting legs at one side of the main unit.



8. Install the main unit onto the tray as described in step 5.



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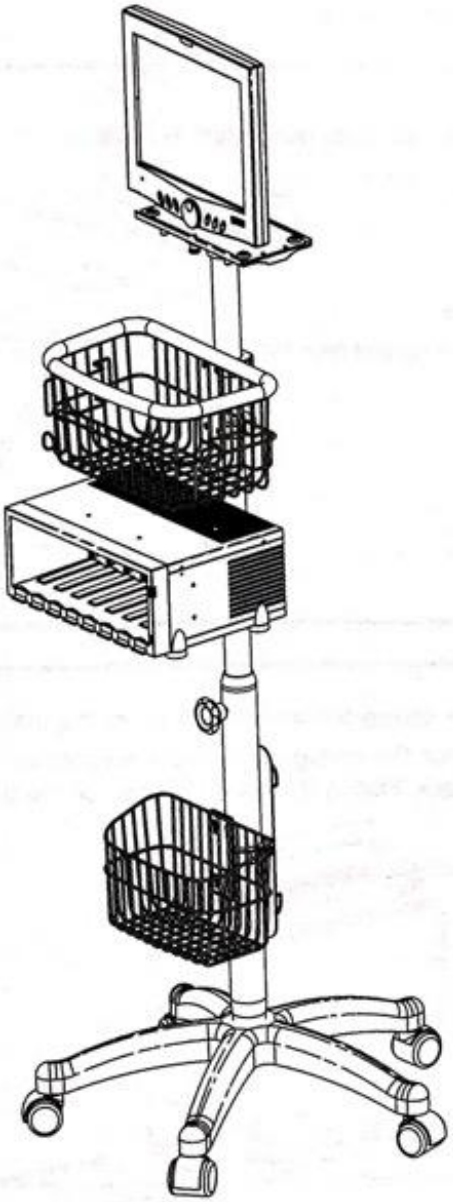
Install the Patient Monitor onto the Rollstand

9. Till now, the patient monitor is fully installed onto the rollstand.



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Install the Patient Monitor onto the Rollstand

Install the 5000, 7000, 8000, and 9000 Series Patient Monitors

Warning:

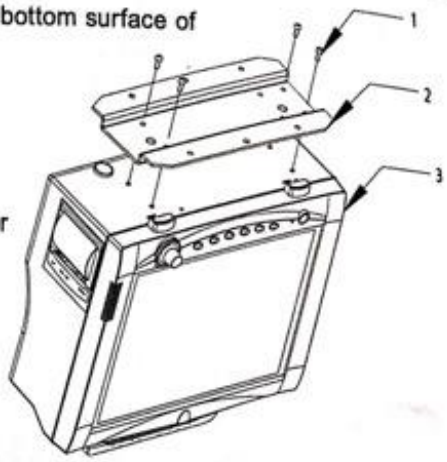
- Use M4X12 screws to fix the independent AGM, 5000 and 9000 series patient monitors onto the transition plates and M4X16 screws in the case of 7000 and 8000 series patient monitors.

1. Fix the transition plate onto the bottom surface of the main unit with screws.

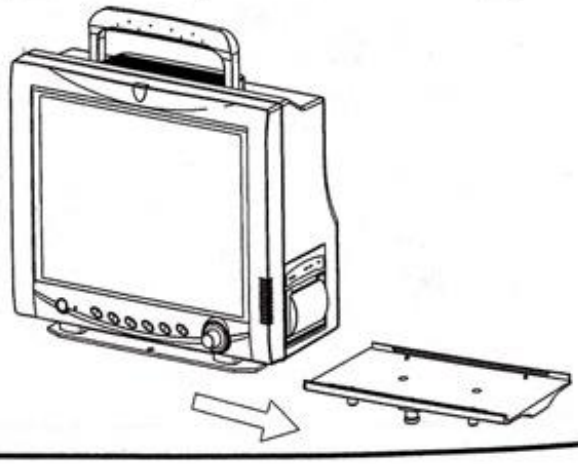
1-Screw;

2-Transition plate;

3-Main unit of the patient monitor



2. Press down the spring pin on the tray to let the main unit slide into the tray. Then bounce the spring pin to make it enter the positioning hole on the transition plate. Fasten the plastic screws on the tray (see "Adjust the Rollstand").



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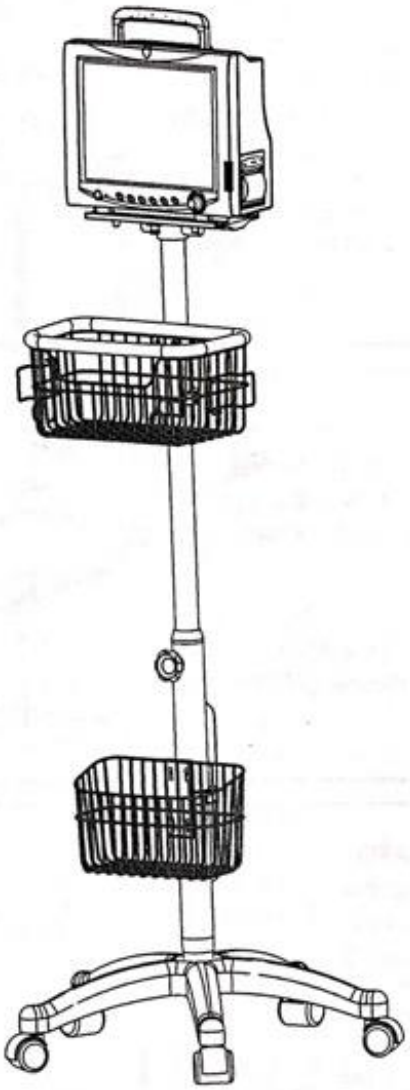
Install the Patient Monitor onto the Rollstand

3. Till now, the patient monitor is fully installed onto the rollstand.



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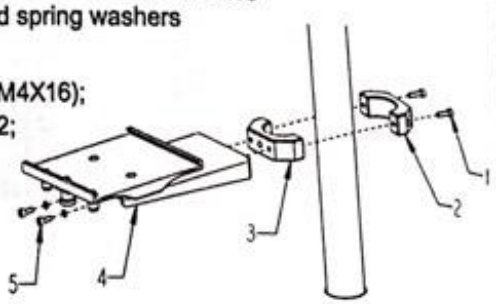
Install the Patient Monitor onto the Rollstand

Install the Independent Anesthetic Gas Module (AGM)

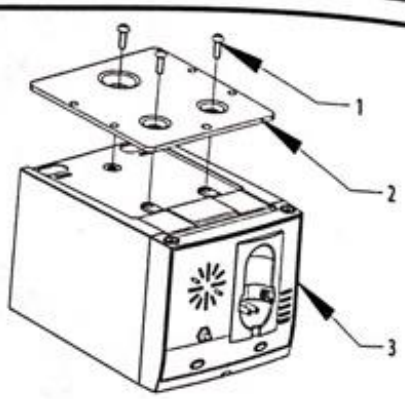
1. Install fixing seats 1 and 2 onto the upper pole with two M4X16 hexagon socket set screws. Install the tray kit of the AGM onto the fixing seats with two M4X10 hexagon socket set screws and spring washers

1-Hexagon socket set screw (M4X16);
2-Fixing seat 1; 3-Fixing seat 2;
4-Tray kit of the AGM;
5- Hexagon socket set screw (M4x10) + spring washer

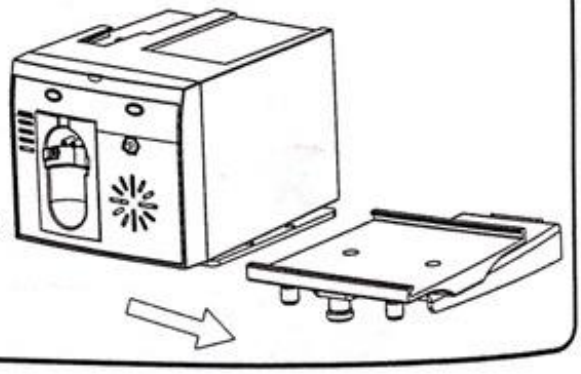


2. Fix the transition plate of the AGM onto the bottom surface of the module with three M4X12 screws.

1-Screw (M4X12);
2-Transition plate of the AGM;
3-Anesthetic gas module (AGM)



3. Press down the spring pin on the tray to let the AGM slide into the tray. Then bounce the spring pin to make it enter the positioning hole on the transition plate and fasten the plastic screws on the tray (see "Adjust the Rollstand").



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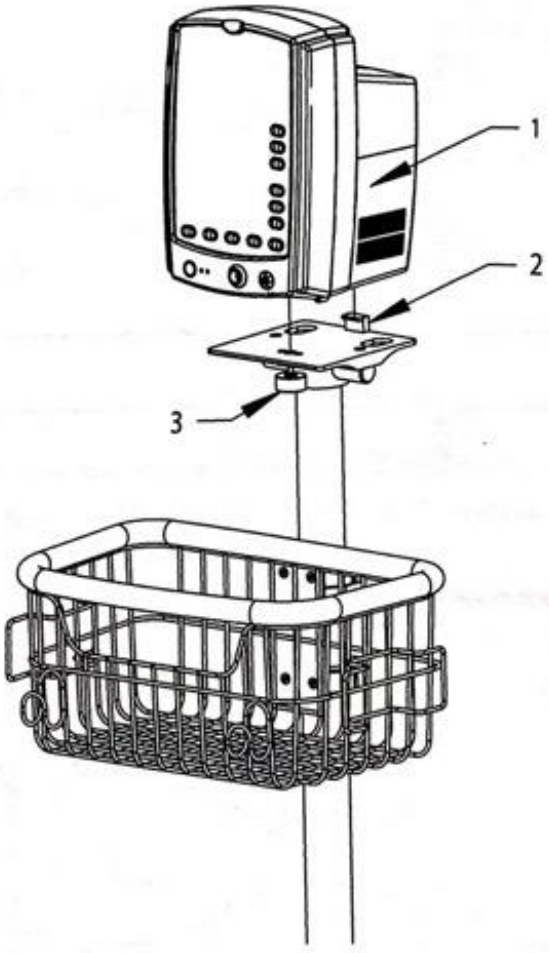
Install the Patient Monitor onto the Rollstan

Install the VS-800 Series Patient Monitors

Align the square hole at the back of the main unit with the fixation hook of the tray kit and push to the end to ensure that the two washers of the main unit fal into the holes of the tray. Lock the main unit with the knob beneath the tray.

Then, the patient monitor is fully installed onto the rollstand.

1-Main unit; 2-Fixation hook; 3-Knob



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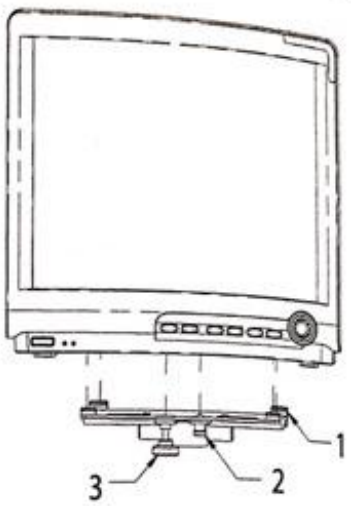
Install the Patient Monitor onto the Rollstand

Install the Beneview Series Patient Monitors

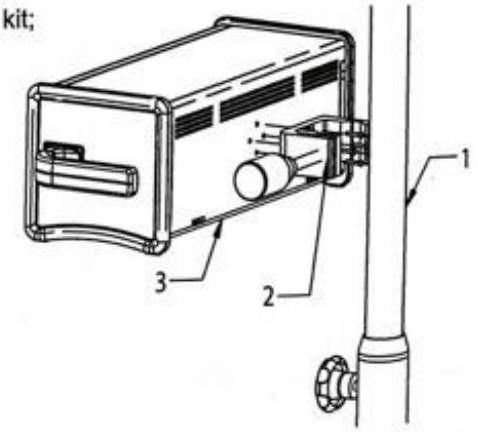
1. Align the square holes at the back and bottom of the main unit with the fixation hooks of the tray kit and push to the end to ensure that the spring pin bounces into the positioning hole at the bottom of the main unit. Then lock the main unit with the lock screws beneath the tray.

1-Fixation hook; 2-Spring pin;
3-Lock screw



2. Fix the lock hook onto the back of the module rack with four M3X12 screws and spring washers. Then lock the lock hook onto the pole.

1-Upper pole; 2-Lock hook kit;
3-Module rack



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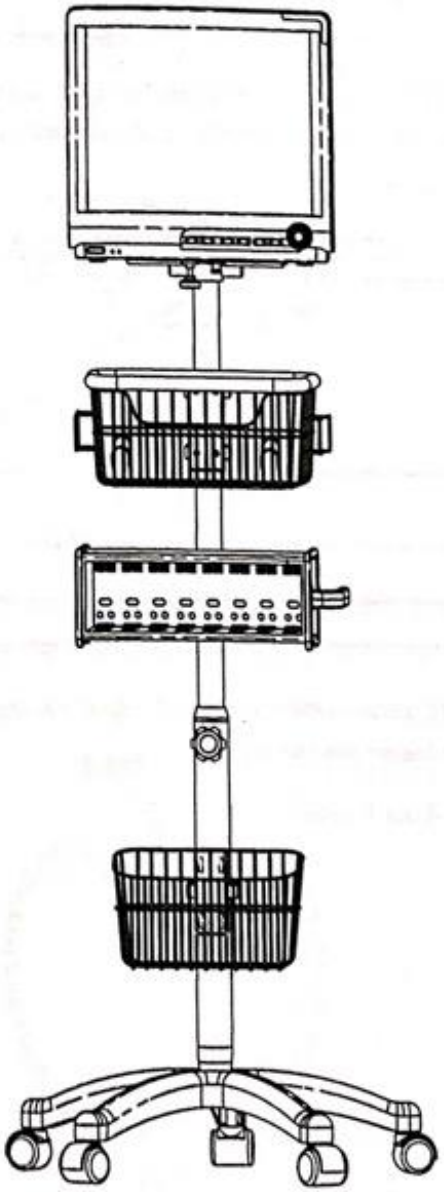
Install the Patient Monitor onto the Rollstand

3. Then, the patient monitor is fully installed onto the rollstand.



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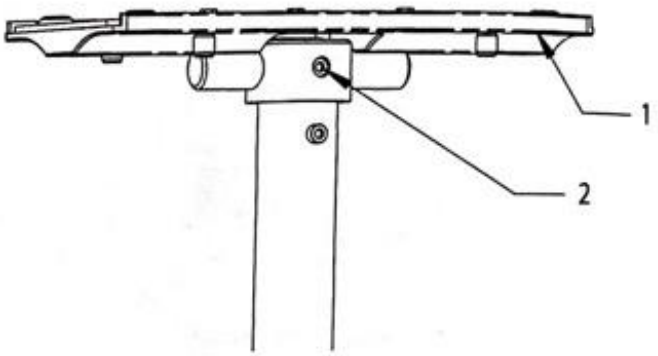
Adjust the Rollstand

Warnings:

- The supported weight of the rollstand upper pole shall be no greater than 25 kg in consideration of safe and convenient adjustment.
- When a 6000 or Beneview series patient monitor is mounted on the rollstand in full configurations, the upper pole shall be supported sufficiently to avoid falling in the case of adjusting the rollstand height..

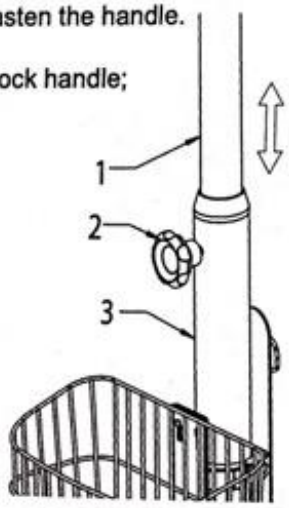
1. Adjust the elevation angle. Use an inner hexagon wrench to loosen the lock screw. Turn the tray to desired location and then fasten the lock screw.

1-Tray; 2-Lock screw



2. Adjust the height. Loosen the handle and adjust the upper pole to desired height and then fasten the handle.

1-Upper pole; 2-Lock handle;
3-Lower pole



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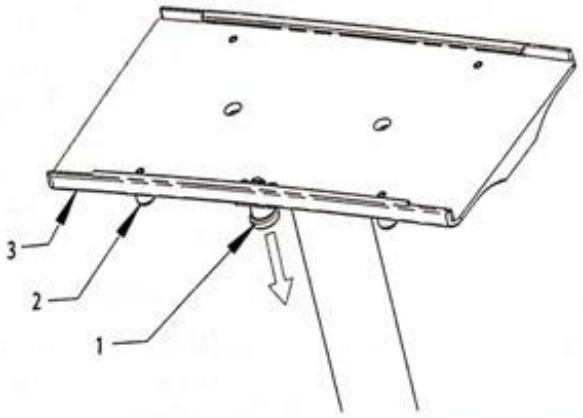
Adjust the Rollstand

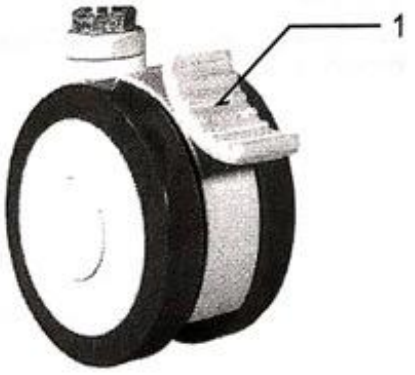
3. Adjust the spring pin. Pull down the spring pin and rotate it to pressed state. Then rotate the spring pin further to make it bounce automatically.

1-Spring pin; 2-Plastic screw; 3-Tray



4. If your press down the brake of the wheel, the wheel is locked. If you lift up the brake, the wheel get loose and the rollstand can be moved.

1-Brake



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Cleaning/Disinfection

CAUTION:

- Remove the patient monitor and its accessories before cleaning and disinfection.
- Do not use abrasive materials (such as steel wool and silvery polishing agent) or any strong solvents (such as acetone).
- Do not immerse or soak the rollstand or wet its surface.
- We recommend that the rollstand be disinfected only when necessary as determined by your hospital's policy, to avoid damage to the rollstand.

Cleaning

1. Clean the rollstand and the accessories with cotton, sponge, or soft cloth moistened with water.
2. After cleaning, wipe off the water with a dry cloth.

Disinfection

The recommended disinfectants include: ethanol 75%, isopropanol 70%, glutaraldehyde-type (2%) liquid disinfectants.

1. Clean the rollstand and the accessories as instructed above.
2. Disinfect the rollstand with cotton or soft cloth moistened with one of the recommended disinfectants.
3. After disinfection, be sure to wipe off the disinfectant left on the rollstand with a soft cloth moistened with water.

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Appendix A

Parts of the rollstand for 5000 series patient monitors

SN	Item	Quantity	Notes
1	Base	1	
2	Pole kit	1	
3	Hexagon socket set screw	1	M5X10
4	Tray kit	1	
5	Fixing seat 1	2	
6	Fixing seat 2	2	
7	Accessories basket	1	
8	Hexagon socket set screw	6	M4X16
9	Countersunk head screw	8	M4X8
10	Fixing seat of the sundries basket 1	1	
11	Fixing seat of the sundries basket 2	1	
12	Mounting plate of the basket	1	
13	Sundries basket	1	
14	Power cable clamp	1	
15	Transition plate of the main unit	1	
16	Screw	4	M4X12
17	Inner hexagon wrench	1	4#
18	Hexagon socket set screw	1	M5X16

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Appendix A

Parts of the rollstand for 6000 series patient monitors

SN	Item	Quantity	Notes
1	Base	1	
2	Pole kit	1	
3	Hexagon socket set screw	3	M5X10
4	Tray kit	1	
5	Fixing seat 2	3	
6	Fixing seat 1	3	
7	Accessories basket	1	
8	Hexagon socket set screw	8	M4X16
9	Countersunk head screw	8	M4X8
10	Fixing seat of the sundries basket 1	1	
11	Fixing seat of the sundries basket 2	1	
12	Mounting plate of the basket	1	
13	Sundries basket	1	
14	Power cable clamp	1	
15	Transition plate of the main unit	2	
16	Screw	4	M4X12
17	Supporting plate of the main unit	1	
18	Hexagon socket set screw	2	M4X10
19	Spring washer	2	4
20	General tray kit	1	
21	Mounting plate of the display	1	
22	Countersunk head screw	3	M4X12
23	Screw	4	M4X20
24	Inner hexagon wrench	1	4#
25	Hexagon socket set screw	1	M5X16

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Appendix A

Parts of the rollstand for 7000, 8000 series patient monitors

SN	Item	Quantity	Notes
1	Base	1	
2	Pole kit	1	
3	Hexagon socket set screw	1	M5X10
4	8000Tray kit	1	
5	Fixing seat 1	2	
6	Fixing seat 2	2	
7	Accessories basket	1	
8	Hexagon socket set screw	6	M4X16
9	Countersunk head screw	8	M4X8
10	Fixing seat of the sundries basket1	1	
11	Fixing seat of the sundries basket2	1	
12	Mounting plate of the basket	1	
13	Sundries basket	1	
14	Power cable clamp	1	
15	Transition plate (7000/8000)	1	
16	Screw	4	M4X16
17	Inner hexagon wrench	1	4#
18	Hexagon socket set screw	1	M5X16

Additional rollstand parts for 7000 series patient monitors with AGM (optional)

SN	Item	Quantity	Notes
1	Tray kit of the AGM	1	
2	Screw	3	M4X12
3	Hexagon socket set screw	2	M4X10
4	Spring washer	2	4
5	Fixing seat 1	1	
6	Fixing seat 2	1	
7	Hexagon socket set screw	2	M4X16

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Appendix A

Parts of the rollstand for 9000 series patient monitors

SN	Item	Quantity	Notes
1	Base	1	
2	Pole kit	1	
3	Hexagon socket set screw	1	M5X10
4	Tray kit	1	
5	Fixing seat 1	2	
6	Fixing seat 2	2	
7	Accessories basket	1	
8	Hexagon socket set screw	6	M4X16
9	Countersunk head screw	8	M4X8
10	Fixing seat of the sundries basket 1	1	
11	Fixing seat of the sundries basket 2	1	
12	Mounting plate of the basket	1	
13	Sundries basket	1	
14	Power cable clamp	1	
15	Transition plate (9000)	1	
16	Screw	4	M4X12
17	Inner hexagon wrench	1	4#
18	Hexagon socket set screw	1	M5X16

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Appendix A

Parts of the rollstand for VS-800 series patient monitors

SN	Item	Quantity	Notes
1	Base	1	
2	Pole kit	1	
3	Hexagon socket set screw	1	M5X10
4	VS-800Tray kit	1	
5	Fixing seat 1	2	
6	Fixing seat 2	2	
7	Accessories basket	1	
8	Hexagon socket set screw	6	M4X16
9	Countersunk head screw	8	M4X8
10	Fixing seat of the sundries basket 1	1	
11	Fixing seat of the sundries basket 2	1	
12	Mounting plate of the basket	1	
13	Sundries basket	1	
14	Power cable clamp	1	
15	Inner hexagon wrench	1	4#
18	Hexagon socket set screw	1	M5X16

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Appendix A

Parts of the rollstand for Beneview series patient monitors

SN	Item	Quantity	Notes
1	Base	1	
2	Pole kit	1	
3	Hexagon socket set screw	1	M5X10
4	Beneview Tray kit	1	
5	Fixing seat 1	2	
6	Fixing seat 2	2	
7	Accessories basket	1	
8	Hexagon socket set screw	6	M4X16
9	Countersunk head screw	8	M4X8
10	Fixing seat of the sundries basket 1	1	
11	Fixing seat of the sundries basket 1	1	
12	Mounting plate of the basket	1	
13	Sundries basket	1	
14	Power cable clamp	1	
15	Inner hexagon wrench	1	4#
16	Hexagon socket set screw	1	M5X16

Additional wall mount bracket parts for the Satellite Module Rack

SN	Item	Quantity	Notes
1	Lock hook kit	1	
2	Screw	4	M3X12
3	Spring washer	4	3

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