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English

Administration Set Directions for Use

For use with SAPPHIRE INFUSION PUMP.

This administration set may be used by gravity if it has a roller clamp and does not have a pressure actuated valve (PAV).

A PAV is a valve located on the main fluid path below the administration cassette.

WARNING:

- Do not use if any parts are missing or misplaced.
- Do not use after assembly delivery date. Make sure you replace set on time.

Biological contamination can result from reusing disposable items or failure to follow aseptic techniques. Discard disposable items properly after use.

An air embolism can cause death or serious injury. Do not connect a component that may cause an air embolism.

Do not use force when connecting set to patient.

Do not apply pressure or pressurized air to any outlet or tubing connected to the pump.

Do not pull or stretch tubing in any section of the set when pump is in use, nor apply pressure to the reservoir container.

Do not use with a priming device.

Yellow-marked administration sets are intended for epidural infusion.

Epidural administration sets with a Surety connector must be used only with a Surety administration set.

Verify that the set components are correct.

Use the Surety connector.

When administration cassette is present, verify that the arrow on the administration cassette points toward the direction of the flow (from the cassette to the patient).

When using a filter, verify that the arrow on the filter points toward the direction of flow, and maintain the filter level below the vascular access site.

Always read and follow instructions in User Manual.

Refer to the label on the set for the specific intended use.

Replace any broken piece.

If present, insert into solution container.

Use:

A. For Sets with Administration Cassette

A.1 Use of Administration Set from Gravity

Attention: Sets with a pressure activated valve (PAV) cannot be used for infusion by gravity.

To perform prime or infuse by gravity refer to Sapphire User Manual.

To open the pump, press the anti-free flow valve as illustrated by arrows 1 and 2 in Figure 1. After priming, push it to CLOSE the line (arrow 3).

Figure 1



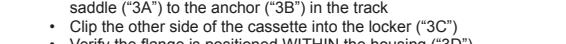
A.2 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 2)

Figure 2



A.3 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 3)

Figure 3



A.4 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 4)

Figure 4



A.5 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 5)

Figure 5



A.6 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 6)

Figure 6



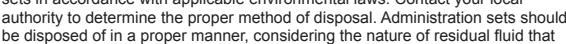
A.7 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 7)

Figure 7



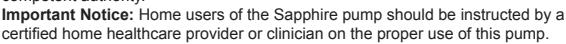
A.8 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 8)

Figure 8



A.9 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 9)

Figure 9



A.10 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 10)

Figure 10



A.11 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 11)

Figure 11



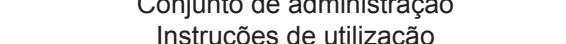
A.12 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 12)

Figure 12



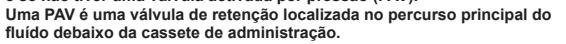
A.13 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 13)

Figure 13



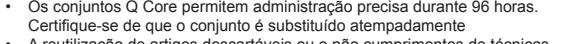
A.14 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 14)

Figure 14



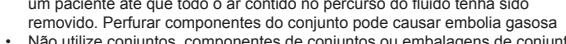
A.15 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 15)

Figure 15



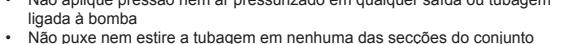
A.16 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 16)

Figure 16



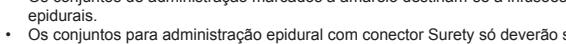
A.17 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 17)

Figure 17



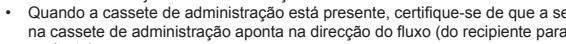
A.18 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 18)

Figure 18



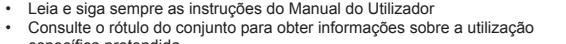
A.19 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 19)

Figure 19



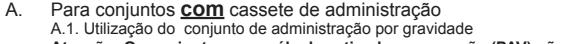
A.20 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 20)

Figure 20



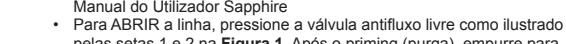
A.21 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 21)

Figure 21



A.22 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 22)

Figure 22



A.23 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 23)

Figure 23



A.24 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 24)

Figure 24



A.25 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 25)

Figure 25



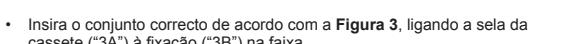
A.26 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 26)

Figure 26



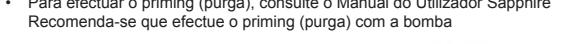
A.27 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 27)

Figure 27



A.28 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 28)

Figure 28



A.29 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 29)

Figure 29



A.30 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 30)

Figure 30



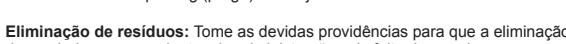
A.31 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 31)

Figure 31



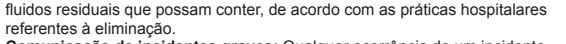
A.32 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 32)

Figure 32



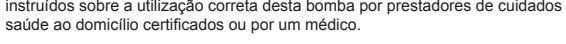
A.33 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 33)

Figure 33



A.34 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 34)

Figure 34



A.35 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 35)

Figure 35



A.36 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 36)

Figure 36

A.37 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 37)

Figure 37

A.38 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 38)

Figure 38

A.39 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 39)

Figure 39

A.40 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 40)

Figure 40

A.41 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 41)

Figure 41

A.42 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 42)

Figure 42

A.43 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 43)

Figure 43

A.44 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 44)

Figure 44

A.45 Use of the Administration Set with the Sapphire Infusion Pump Attachment of the set • Open the safety door (Figure 45)

Figure 45

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