



Programming New Infusions


# Sapphire™ R15

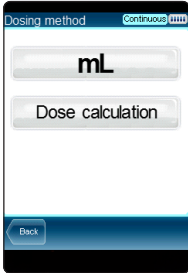


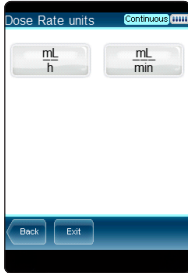
This information does not replace official instruction for use

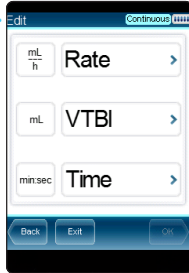


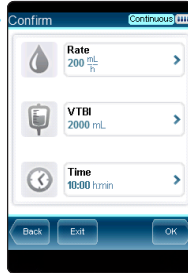
# Continuous

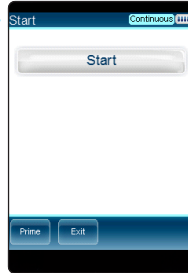
- 

1. Prime now or after programming
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2.
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3. Select the dose rate units
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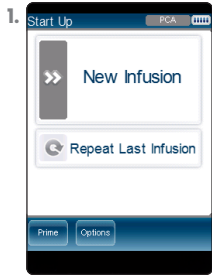
4. Program 2 of the 3 parameters. The 3rd parameter is calculated by the pump
- 

5. Confirm the infusion program or press **Back** to change its details
- 

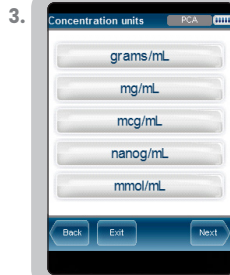
6. Prime now or start the infusion



# PCA – With Concentration Calculation



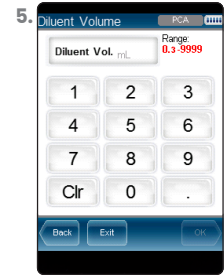
1. Prime now or after programming



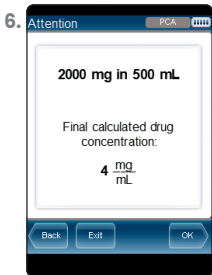
3. Select the drug units



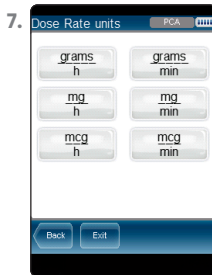
4. Enter the drug amount and press OK



5. Enter the drug bag volume and press OK



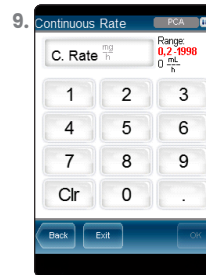
6. Confirm the concentration calculation



7. Select the dose rate units



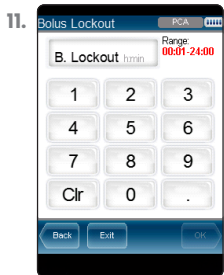
8. Enter the volume to be infused and press OK



9. Enter the continuous rate and press OK



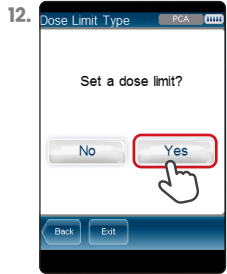
10. Enter the patient bolus dose and press OK



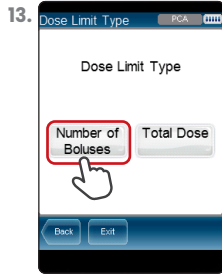
11. Enter the bolus lockout and press OK



# PCA – With Concentration Calculation



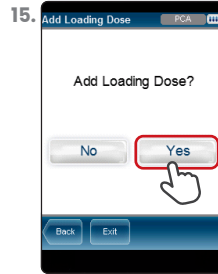
Select whether to set a dose limit or not



Select the type of dose limit



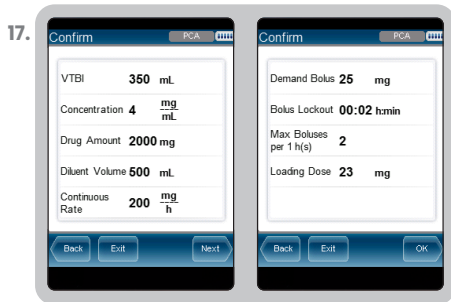
Enter number of boluses per period



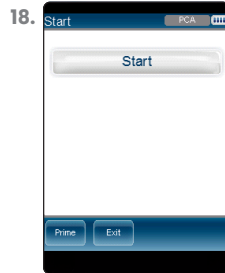
Select whether to add loading dose or not



Enter the loading dose



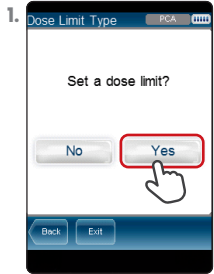
Confirm the infusion program or press **Back** to change its details



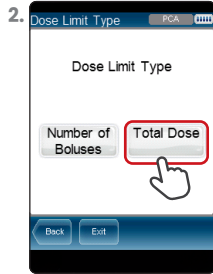
Prime now or start the infusion



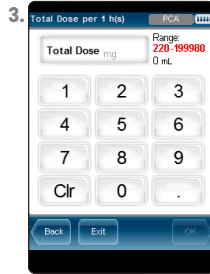
# PCA – With Concentration Calculation



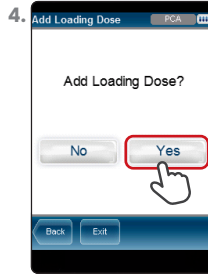
1. Select whether to set a dose limit or not



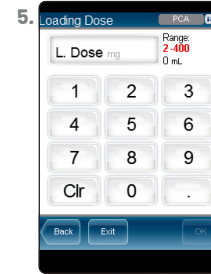
2. Select the type of dose limit



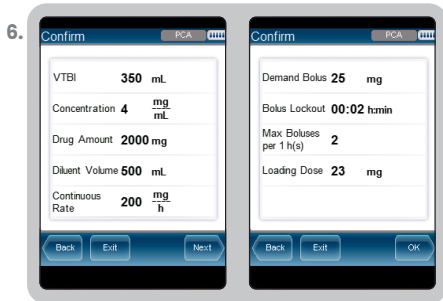
3. Enter total dose limit per period



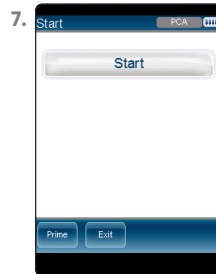
4. Select whether to add loading dose or not



5. Enter the loading dose



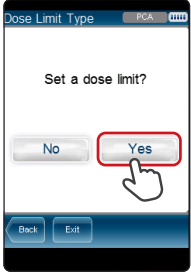
6. Confirm the infusion program or press **Back** to change its details

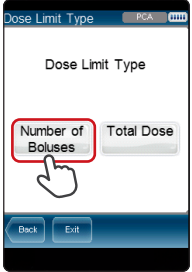



7. Prime now or start the infusion

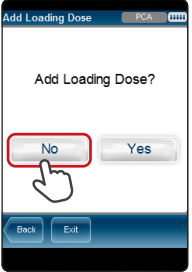


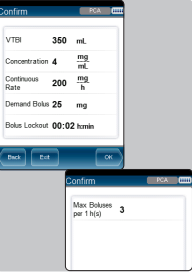
# PCA – With Concentration Calculation

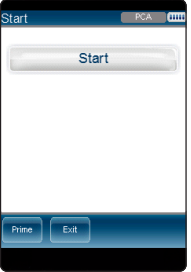
- 

Select whether to set a dose limit or not
- 

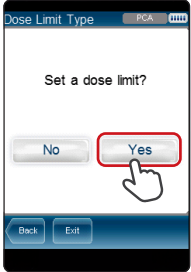
Select the type of dose limit
- 

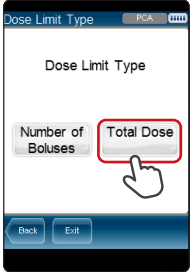
Enter number of boluses per period
- 

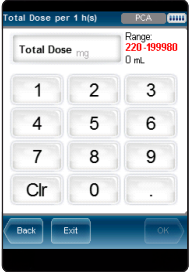
Select whether to add loading dose or not
- 

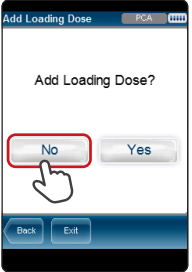
Confirm the infusion program or press **Back** to change its details
- 


Prime now or start the infusion

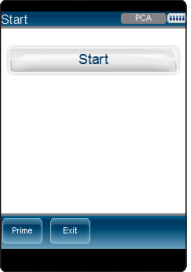
- 

Select whether to set a dose limit or not
- 

Select the type of dose limit
- 

Enter the total dose limit per period
- 

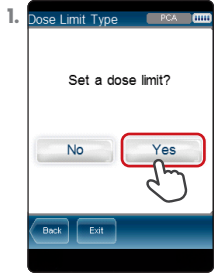
Select whether to add loading dose or not
- 

Confirm the infusion program or press **Back** to change its details
- 

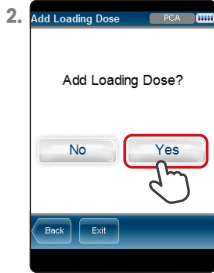
Prime now or start the infusion



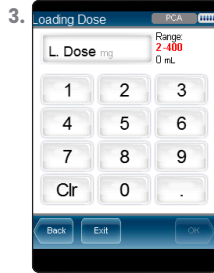
# PCA – With Concentration Calculation



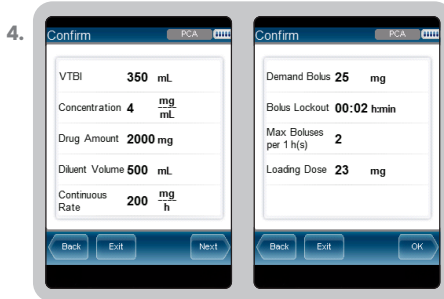
1. Select whether to set a dose limit or not



2. Select whether to add loading dose or not



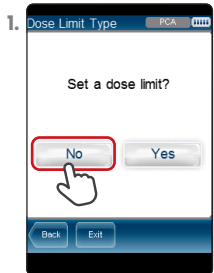
3. Enter the loading dose



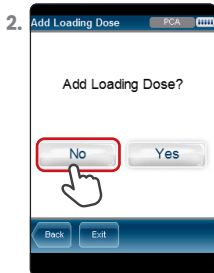
4. Confirm the infusion program or press **Back** to change its details



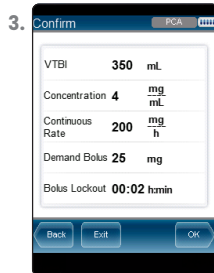
5. Prime now or start the infusion



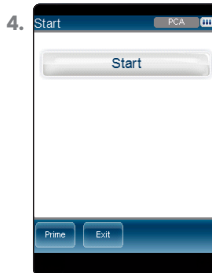
1. Select whether to set a dose limit or not



2. Select whether to add loading dose or not



3. Confirm the infusion program or press **Back** to change its details



4. Prime now or start the infusion



# PCA – No Concentration Calculation

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Select whether to set a dose limit or not

Select the type of dose limit

Enter number of boluses per 1 hour

Select whether to add loading dose or not

Enter the loading dose

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- 

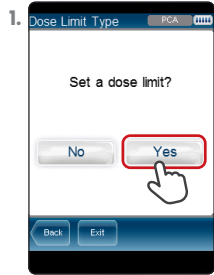
Confirm the infusion program or press **Back** to change its details

Prime now or start the infusion

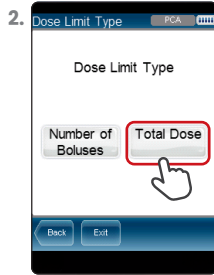




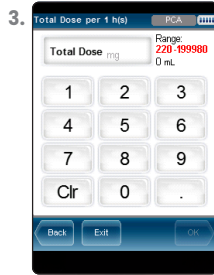
# PCA – No Concentration Calculation



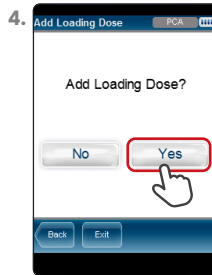
1. Select whether to set a dose limit or not



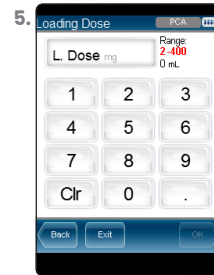
2. Select the type of dose limit



3. Enter number of boluses per 1 hour



4. Select whether to add loading dose or not



5. Enter the loading dose



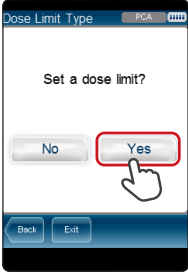
6. Confirm the infusion program or press **Back** to change its details

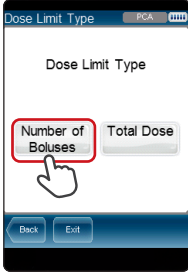


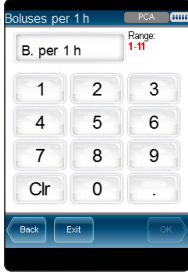
7. Prime now or start the infusion

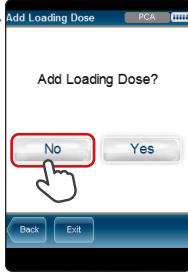


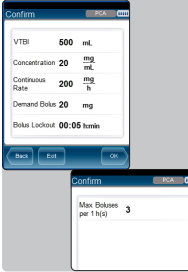
# PCA – No Concentration Calculation

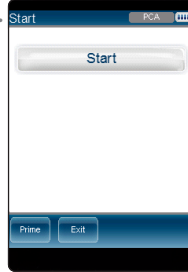
- 

Select whether to set a dose limit or not
- 

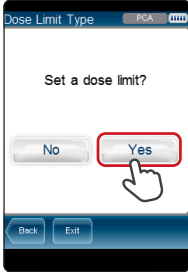
Select the type of dose limit
- 

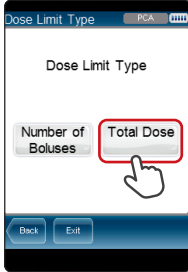
Enter number of boluses per period
- 

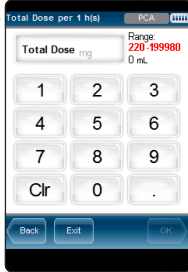
Select whether to add loading dose or not
- 

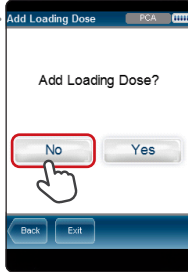
Confirm the infusion program or press **Back** to change its details
- 


Prime now or start the infusion

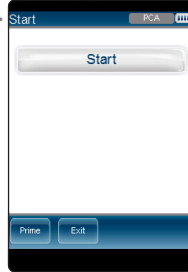
- 

Select whether to set a dose limit or not
- 

Select the type of dose limit
- 

Enter the total dose limit per period
- 

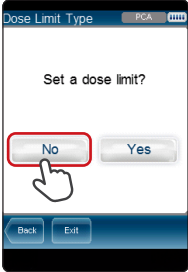
Select whether to add loading dose or not
- 

Confirm the infusion program or press **Back** to change its details
- 

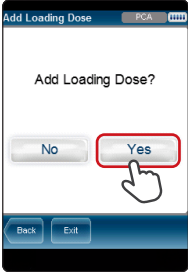
Prime now or start the infusion



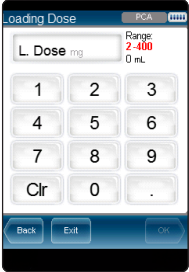
# PCA – No Concentration Calculation

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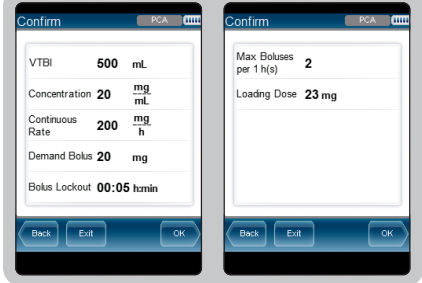
1. Dose Limit Type PCA

Select whether to set a dose limit or not
- 

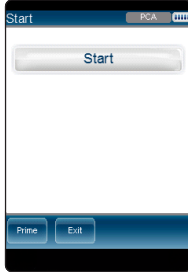
2. Add Loading Dose PCA

Select whether to add loading dose or not
- 

3. Loading Dose PCA

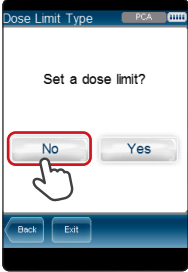
Enter the loading dose
- 

4. Confirm PCA

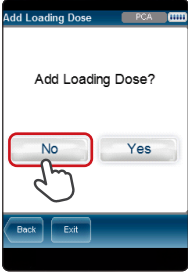
Confirm the infusion program or press **Back** to change its details
- 

5. Start PCA

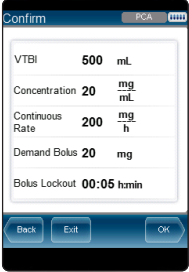
Prime now or start the infusion

- 

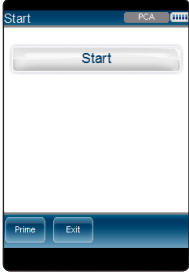
1. Dose Limit Type PCA

Select whether to set a dose limit or not
- 

2. Add Loading Dose PCA

Select whether to add loading dose or not
- 

3. Confirm PCA

Confirm the infusion program or press **Back** to change its details
- 

4. Start PCA

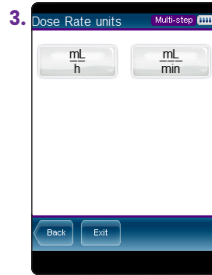
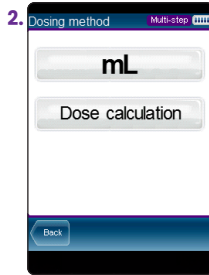
Prime now or start the infusion



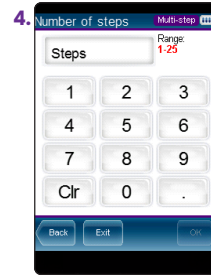
# Multi-step



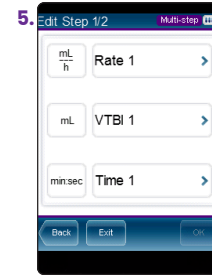
1. Prime now or after programming



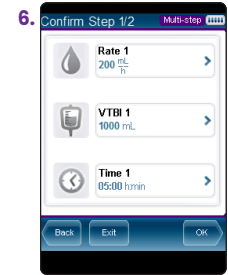
3. Select the dose rate units



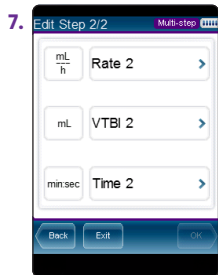
4. Enter the number of steps and press **OK**



5. Program 2 of the 3 parameters. The 3rd parameter is calculated by the pump



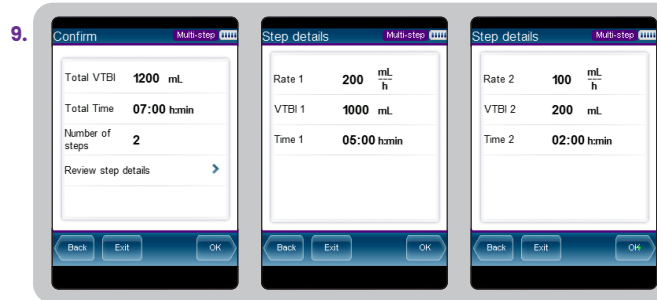
6. Confirm the infusion program of the 1st step or press **Back** to change its details



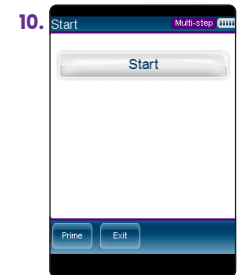
7. Program 2 of the 3 parameters. The 3rd parameter is calculated by the pump



8. Confirm the infusion program of the 2nd step or press **Back** to change its details



9. Confirm the infusion program and steps parameters, or press **Back** to change the details



10. Prime now or start the infusion



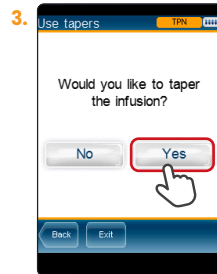
# TPN – Taper infusion



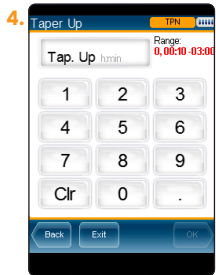
Prime now or after programming



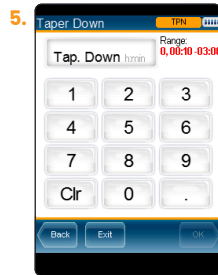
Enter the volume to be infused and press **OK**



Select whether to taper the infusion or not



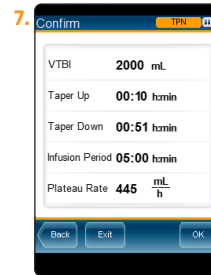
Enter the taper up value and press **OK**



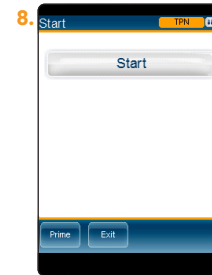
Enter the taper down value and press **OK**



Enter the infusion period and press **OK**




Confirm the infusion program or press **Back** to change its details




Prime now or start the infusion



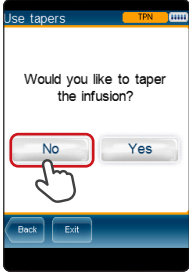
# TPN – Without Tapering

- 

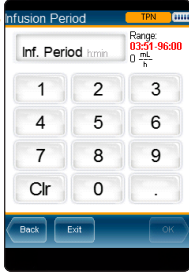
1. Start Up

Prime now or after programming
- 

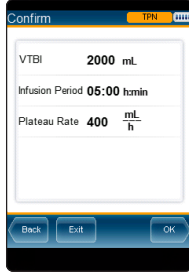
2. VTBI

Enter the volume to be infused and press **OK**
- 

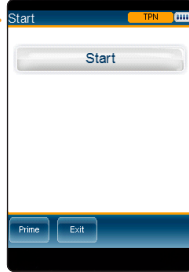
3. Use tapers

Select whether to taper the infusion or not
- 

4. Infusion Period

Enter the infusion period and press **OK**
- 

5. Confirm

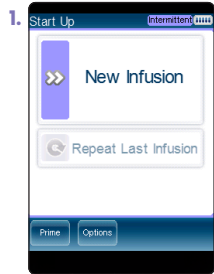
Confirm the infusion program or press **Back** to change its details
- 

6. Start

Prime now or start the infusion



# Intermittent



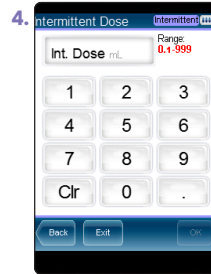
Prime now or after programming



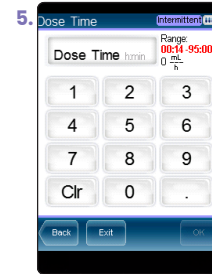
Select the dose rate units



Enter the volume to be infused and press OK



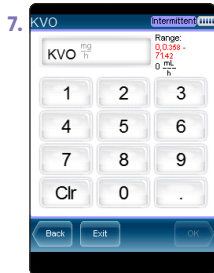
Enter the intermittent dose and press OK



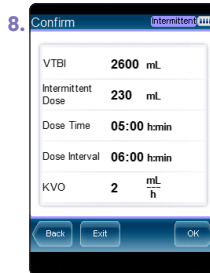
Enter the dose time and press OK



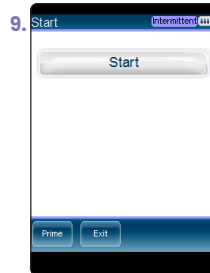
Enter the dose interval and press OK



Enter the KVO rate and press OK



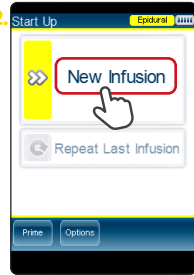
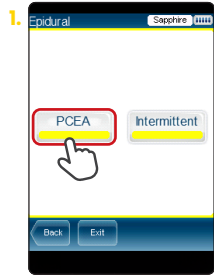
Confirm the infusion program or press **Back** to change its details



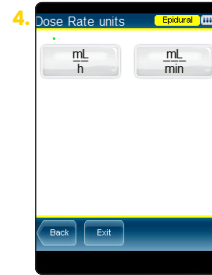
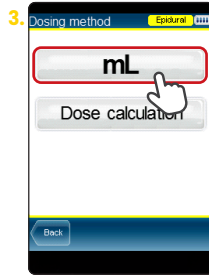
Prime now or start the infusion



# PCEA



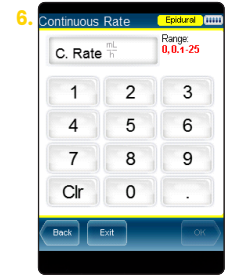
Prime now or after programming



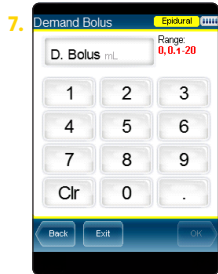
Select the dose rate units



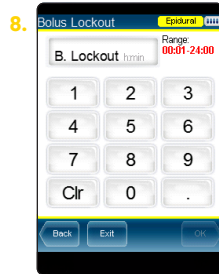
Enter the volume to be infused and press OK



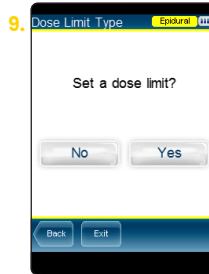
Enter the continuous rate and press OK



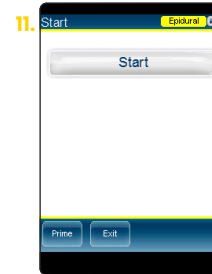
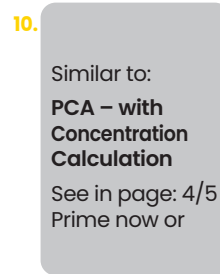
Enter the patient bolus dose and press OK



Enter the bolus lockout and press OK



Select whether to set a dose limit or not

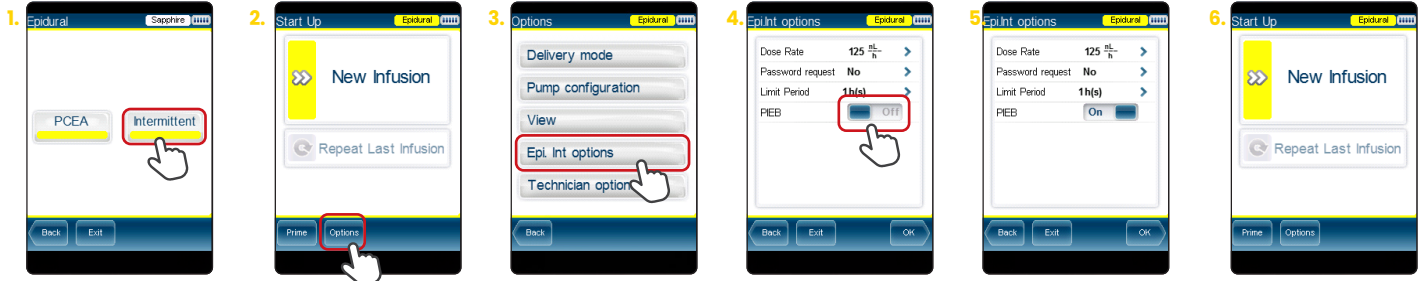


start the infusion



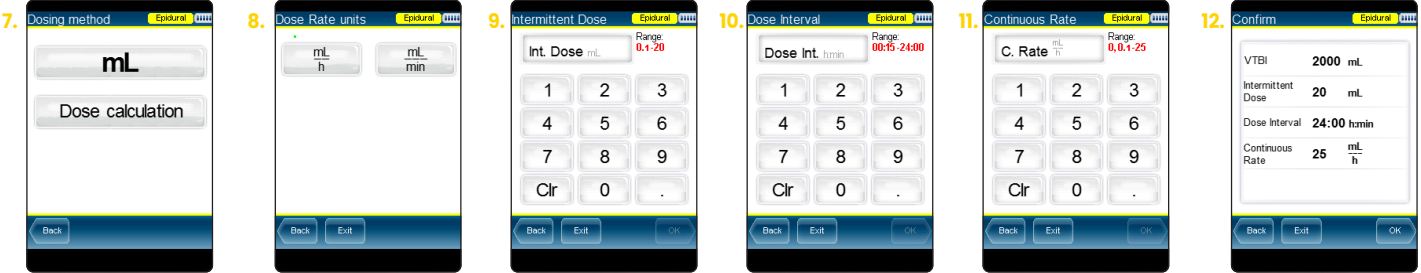


# Epidural Intermittent



Turn 'PIEB' to On

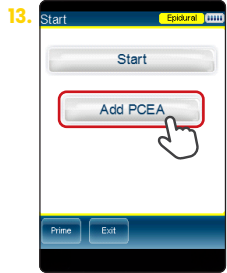
Prime now or after programming



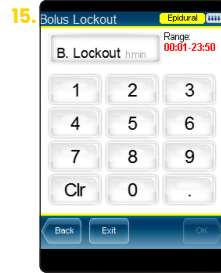
After dose rate units selection Enter the volume to be infused and press OK



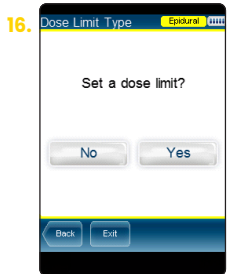
# PIEB = Intermittent+PCEA



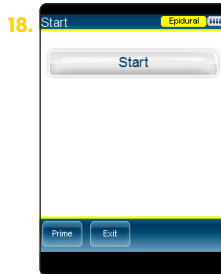
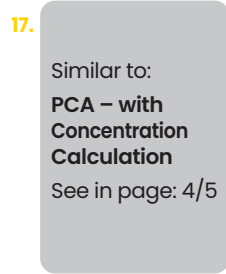
Enter the patient bolus dose and press Ok



Enter the bolus lockout and press Ok



Select whether to set a dose limit or not



Prime now or start the infusion





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