Selected Mode?

Selected Conc?

ON?

This flow chart gives a flow of events for the PCA. This mainly specifies in what order the user enters inputs. For more detailed description refer to the transition table

No

Yes

Display Concentration Options

No

Yes

Set Concentration &

Display Mode

No

PCA

CONT

PCA\_CONT

Yes

Yes

No

Selected Lockout?

Set Dosage Selected

Display Lockout Options

No

Mode Selected = PCA

Display Dosage Options

Selected Dosage?

Set Lockout period

Yes

No

Motor Run over?

Run Motor

Yes

No

Lockout Timeout && Bolus?

Motor Run Over?

Run Motor

Set rate selected  
Display Dosage Options

Mode Selected = CONT

Display Rate Options

Selected Rate?

Yes

No

No

Yes

Selected Rate?

Selected Dosage?

Mode Selected = PCA\_CONT

Display Rate Options

Set Rate Selected

Display Dosage Options

No

Yes

No

Yes

Set Dosage selected  
Display Lockout Options

No

Motor Run Over?

No

Lockout selected

Yes

Set Lockout period.

Run motor at cont rate

Yes

Yes

Motor run over?

No

No

Yes

Run Motor at PCA speed

Lockout Timeout && Bolus?