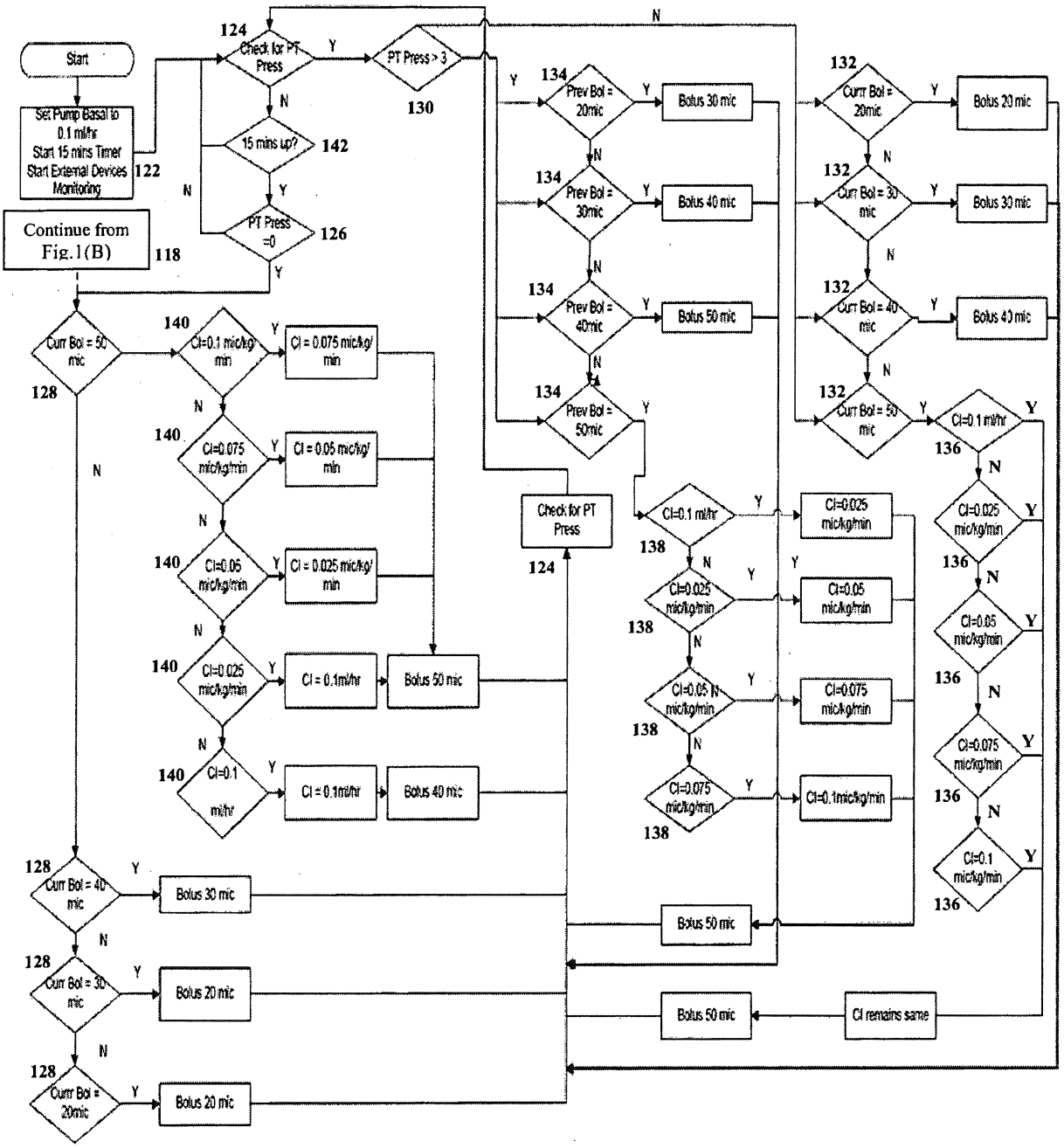

Start
Set Pump Basal to 0.1 ml/hr
Start 15 mins Timer
Start External Devices Monitoring
122
Continue from Fig.1(B)
118
124
Check for PT Press
PT Press > 3
130
15 mins up?
142
PT Press =0
126
Curr Bol = 50 mic
128
Cl=0.1 mic/kg/min
Cl = 0.075 mic/kg/min
Cl=0.075 mic/kg/min
Cl = 0.05 mic/kg/min
Cl=0.05 mic/kg/min
Cl = 0.025 mic/kg/min
Cl=0.025 mic/kg/min
Cl = 0.1ml/hr
Bolus 50 mic
Cl=0.1 ml/hr
Cl = 0.1ml/hr
Bolus 40 mic
Curr Bol = 40 mic
Bolus 30 mic
Curr Bol = 30 mic
Bolus 20 mic
Curr Bol = 20mic
Bolus 20 mic
Prev Bol = 20mic
Bolus 30 mic
Prev Bol = 30mic
Bolus 40 mic
Prev Bol = 40mic
Bolus 50 mic
Prev Bol = 50mic
Check for PT Press
Cl=0.1 ml/hr
Cl=0.025 mic/kg/min
Cl=0.05 mic/kg/min
Cl=0.075 mic/kg/min
Cl=0.1mic/kg/min
Curr Bol = 30 mic
Bolus 30 mic
Curr Bol = 40 mic
Bolus 40 mic
Curr Bol = 50 mic
Cl=0.1 ml/hr
Cl=0.025 mic/kg/min
Cl=0.05 mic/kg/min
Cl=0.075 mic/kg/min
Cl=0.1 mic/kg/min
Bolus 50 mic
Cl remains same

FIGURE 1(A)

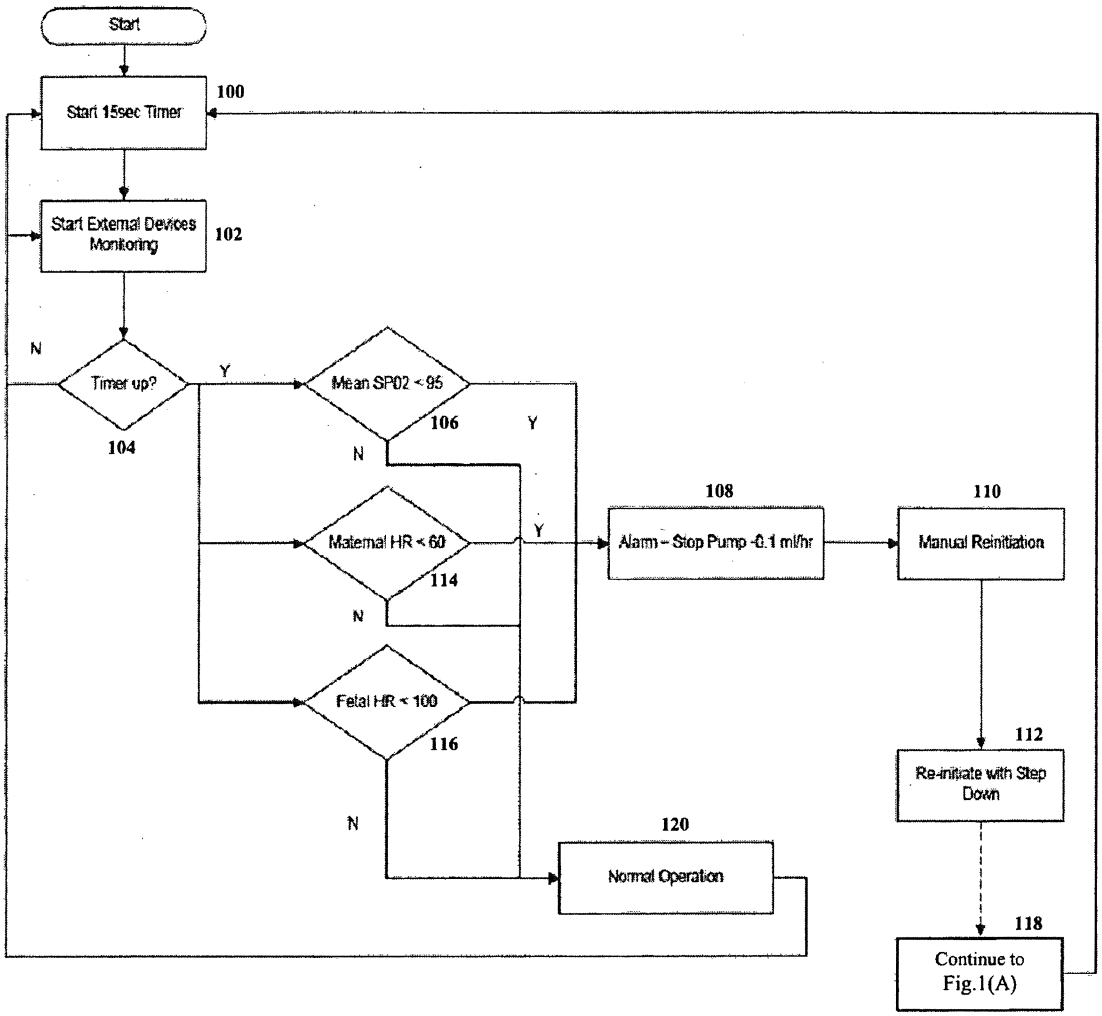

Start
Start 15sec Timer
100
Start External Devices Monitoring
102
Timer up?
104
N
Y
Mean SP02 < 95
106
Y
N
Maternal HR < 60
114
Y
N
Fetal HR < 100
116
N
108
Alarm – Stop Pump -0.1 ml/hr
110
Manual Reinitiation
112
Re-initiate with Step Down
120
Normal Operation
118
Continue to Fig.1(A)

FIGURE 1(B)

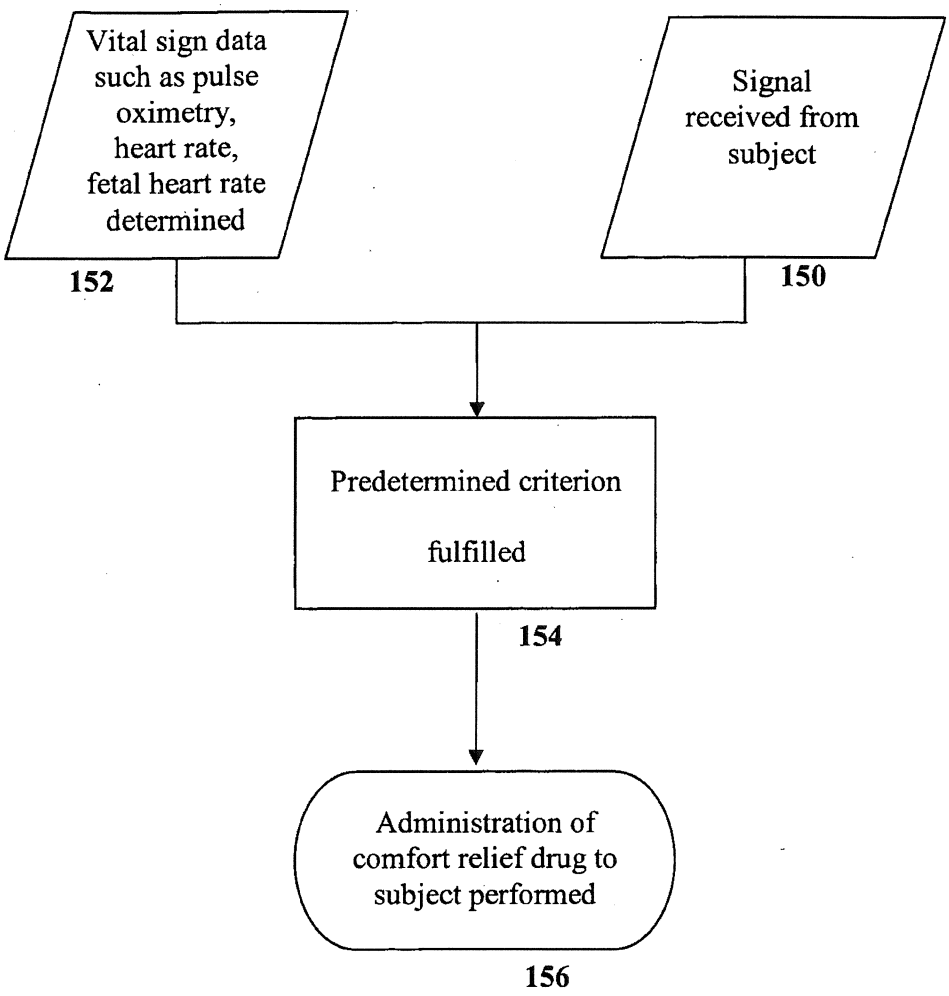

Vital sign data such as pulse oximetry, heart rate, fetal heart rate determined
152
Signal received from subject
150
Predetermined criterion fulfilled
154
Administration of comfort relief drug to subject performed
156

FIGURE 2