What is claimed is:

1. A medical device for delivering a medicament to a patient comprising:

a controller configured to control operation of a pumping mechanism which causes the medicament to be delivered;

a display;

a computer readable memory configured to store program code for a drug library, the drug library containing a plurality of entries, the plurality of entries comprising at least one entry corresponding to a portion of a facility, and for each such entry at least one drug entry, each of the at least one drug entry having parameters associated therewith, at least one drug entry in the drug library not associated with a specific drug, but rather a broad drug category; and

a processor configured to display a graphical user interface on the display of the medical device, the graphical user interface for use by a user to program the controller using the drug library

wherein:

said processor is configured to generate at least one screen for display on the graphical user interface, at least one of said at least one screen including a user-entered value,

the processor is further configured to visibly alter a size of a font of the user-entered value to fit the full value on the graphical user interface and a color of the user-entered value, to help ensure a typo which would result in an order of magnitude error being more easily recognized by a user, in response to a change in an order of magnitude of the user-entered value, and

the parameters of the at least one drug entry configured to restrict operation of the medical device by limiting at least one of acceptable input ranges on the medical device, a limit for a therapy, and a limit on a medical device.

2. The medical device of claim 1, wherein a user may select one of the at least one drug entry in the drug library not associated with a specific drug, but rather a broad drug category to program delivery of the medicament to the patient.

3. The medical device of claim 1, wherein the at least one drug entry in the drug library not associated with a specific drug, but rather a broad drug category is associated with at least one parameter governing medicament delivery.

4. The medical device of claim 1, wherein the drug library may be created or modified with a medical error reduction software.

5. The medical device of claim 1, wherein the display is a touch screen display.

6. The medical device of claim 1, wherein at least one of the at least one drug entry in the drug library not associated with a specific drug, but rather a broad drug category allows the user to program the medical device to deliver the medicament in a volume per hour mode.

7. The medical device of claim 1, wherein each of the plurality of entries is associated with at least one parameter.

8. The medical device of claim 7, wherein at least one of the at least one parameters is a medicament delivery parameter.

9. A medical device comprising:

a processor; and

a graphical user interface;

wherein:

said processor is configured to generate at least one screen for display on the graphical user interface, at least one of said at least one screen including a user-entered value,

the processor is further configured to visibly alter a size of a font of the user-entered value to fit the full value on the graphical user interface and a color of the user-entered value, to help ensure a typo which would result in an order of magnitude error being more easily recognized by a user, in response to a change in an order of magnitude of the user-entered value, and

the parameters of the at least one drug entry configured to restrict operation of the medical device by limiting at least one of acceptable input ranges on the medical device, a limit for a therapy, and a limit on a medical device.

10. The medical device of claim 9, wherein the change is an order of magnitude change in the one or more parameter value.

11. The medical device of claim 9, wherein the processor is configured to visibly alter the font by changing the size of the font.

12. The medical device of claim 9, wherein the processor is configured to visibly alter the font by changing the color of the font.

13. The medical device of claim 9, wherein at least one of the one or more parameter value must be specified by a user.

14. The medical device of claim 9, wherein one of the one or more parameter value is a patient weight.

15. The medical device of claim 9, wherein one of the one or more parameter value is a patient body surface area.

16. The medical device of claim 9, wherein one of the one or more parameter value is a dose value.

17. The medical device of claim 9, wherein one of the one or more parameter value is a time value.

18. The medical device of claim 9, wherein one of the one or more parameter value is a volume to be infused volume.

19. The medical device of claim 9, wherein one of the one or more parameter value is an infusion rate value.

20. The medical device of claim 9, wherein one of the one or more parameter value is a medicament concentration value.

21. The medical device of claim 9, wherein at least one or more parameter value is pre-programmed.

22. The medical device of claim 9, wherein the processor is configured to visibly alter the font by decreasing the size of the parameter value.

23. A medical device comprising:

a graphical user interface;

a processor, the processor configured to generate at least one screen for display on the graphical user interface; at least one of the at least one screen being a therapy in progress screen, said therapy in progress screen including a pressure indicator which indicates the pressure of a fluid in an infusion line,

wherein:

said processor is configured to generate at least one screen for display on the graphical user interface, at least one of said at least one screen including a user-entered value,

the processor is further configured to visibly alter a size of a font of the user-entered value to fit the full value on the graphical user interface and a color of the user-entered value, to help ensure a typo which would result in an order of magnitude error being more easily recognized by a user, in response to a change in an order of magnitude of the user-entered value, and

the parameters of the at least one drug entry configured to restrict operation of the medical device by limiting at least one of acceptable input ranges on the medical device, a limit for a therapy, and a limit on a medical device.

24. The medical device of claim 23, wherein the pressure indicator is a pressure trend indicator.

25. The medical device of claim 24, wherein the pressure trend indicator depicts a pressure trend over the last four hours.

26. The medical device of claim 23 wherein the pressure indicator is a bar.

27. The medical device of claim 23, wherein the bar includes a number of segments.

28. The medical device of claim 27, wherein the pressure indicator is configured to indicate different pressures by filling a different number of segments.

29. The medical device of claim 23, wherein the pressure indicator is configured to indicate different pressures by filling different amounts of the bar.

30. The medical device of claim 23, wherein the graphical user interface is a touch screen.

31. A medical device comprising:

a graphical user interface;

a processor, the processor configured to generate at least one screen for display on the graphical user interface;

and wherein at least one of the at least one screen is a therapy in progress screen displayed when the medical device is delivering a therapy, said therapy in progress screen comprising a medicament indicator indicating a medicament which is being delivered by the medical device, the processor color coding at least a portion of the medicament indicator displayed on the user interface in one of a plurality of colors depending on a classification of a plurality of classification assigned to the medicament,

wherein:

said processor is configured to generate at least one screen for display on the graphical user interface, at least one of said at least one screen including a user-entered value,

the processor is further configured to visibly alter a size of a font of the user-entered value to fit the full value on the graphical user interface and a color of the user-entered value, to help ensure a typo which would result in an order of magnitude error being more easily recognized by a user, in response to a change in an order of magnitude of the user-entered value, and

the parameters of the at least one drug entry configured to restrict operation of the medical device by limiting at least one of acceptable input ranges on the medical device, a limit for a therapy, and a limit on a medical device.

32. The medical device of claim 31, wherein the graphical user interface is a touch screen.

33. The medical device of claim 31, wherein the processor is in communication with a memory storing a drug library for use with the medical device.

34. The medical device of claim 33, wherein the drug library contains color coding information for the portion of the medicament indicator.

35. The medical device of claim 31, wherein at least one of the at least one screen is a programming screen where the medicament to be delivered by the medical device is specified.

36. The medical device of claim 31, wherein at least one of the plurality of classifications is a high risk classification.

37. The medical device of claim 31, wherein at least one of the plurality of classifications is a drug type.

38. The medical device of claim 31, wherein at least one of the plurality of classifications is an anesthetic classification.

39. The medical device of claim 31, wherein the medicament indicator includes a name for the medicament.

40. The medical device of claim 31, wherein the medicament indicator includes a non text indicia.

41. The medical device of claim 40, wherein the non text indicia is the only portion of the medicament indicator which is color coded.

42. A medical device comprising:

a graphical user interface;

a processor, the processor configured to generate at least one screen for display on the graphical user interface; and

a computer readable memory, the computer readable memory storing a plurality of parameter values related to therapies which may be programmed into the medical device, at least one of said parameter values being a value for a user overrideable limit for a therapy parameter value, the user overrideable limit for a therapy parameter value overrideable by one or more user via the graphical user interface, wherein;

the processor causes an indicia to be displayed next to the therapy parameter value in response to override of the user overrideable limit,

said processor is configured to generate at least one screen for display on the graphical user interface, at least one of said at least one screen including a user-entered value,

the processor is further configured to visibly alter a size of a font of the user-entered value to fit the full value on the graphical user interface and a color of the user-entered value, to help ensure a typo which would result in an order of magnitude error being more easily recognized by a user, in response to a change in an order of magnitude of the user-entered value, and

the parameters of the at least one drug entry configured to restrict operation of the medical device by limiting at least one of acceptable input ranges on the medical device, a limit for a therapy, and a limit on a medical device.

43. The medical device of claim 42, wherein the graphical user interface is a touch screen.

44. The medical device of claim 42, wherein at least one of the at least one screen displays a limit violation notification.

45. The medical device of claim 44, wherein the limit violation notification does not display the value of the overrideable limit.

46. The medical device of claim 44, wherein the limit violation notification includes an override option.

47. The medical device of claim 46, wherein the user overrideable limit for a therapy parameter value requires both a first user and a second user to override the limit via the graphic user interface.

48. The medical device of claim 42, wherein the plurality of parameter values related to therapies which may be programmed into the medical device are part of a drug library file stored in the computer readable memory.

49. The medical device of claim 42, wherein the indicia is a non text indicia.

50. The medical device of claim 42, wherein the

51. A medical device comprising:

a graphical user interface;

a processor, the processor configured to generate at least one screen for display on the graphical user interface;

a computer readable memory, the computer readable memory storing a plurality of medicaments which may be delivered by the medical device, said medicaments being organized by one or more medicament category, each of said medicaments further being associated with one or more parameter values related to therapies which may be programmed into the medical device;

and wherein, a user may program the medical device to deliver a therapy using the graphical user interface, at least one step in programming the medical device comprising selecting a medicament category from which a medicament to be delivered by the medical device is included,

wherein:

said processor is configured to generate at least one screen for display on the graphical user interface, at least one of said at least one screen including a user-entered value,

the processor is further configured to visibly alter a size of a font of the user-entered value to fit the full value on the graphical user interface and a color of the user-entered value, to help ensure a typo which would result in an order of magnitude error being more easily recognized by a user, in response to a change in an order of magnitude of the user-entered value, and

the parameters of the at least one drug entry configured to restrict operation of the medical device by limiting at least one of acceptable input ranges on the medical device, a limit for a therapy, and a limit on a medical device.

52. The medical device of claim 51, wherein the graphical user interface is a touch screen.

53. The medical device of claim 51, wherein the plurality of medicaments and one or more medicament categories are a part of a drug library file.

54. The medical device of claim 51, wherein the medicament categories are searchable via the graphical user interface.

55. The medical device of claim 51, wherein the medicament categories are filterable via the graphical user interface.

56. The medical device of claim 51, wherein at least one of the one or more parameter values is a user overrideable parameter limit.

57. A medical device for delivering a medicament to a patient comprising:

a controller configured to control operation of a pumping mechanism which causes the medicament to be delivered;

a display;

a computer readable memory configured to store program code for a drug library, the drug library having a plurality of entries, the plurality of entries comprising at least one entry corresponding to a portion of a facility, wherein for each such entry, the plurality of entries further comprises at least one drug entry corresponding to the portion of the facility; and

a processor configured to display a graphical user interface on the display of the medical device, the graphical user interface for use by a user to program the controller using the drug library, wherein a user may select one of the at least one drug entry corresponding to the portion of the facility to program delivery of the medicament to the patient.

58. The medical device of claim 57, wherein the at least one drug entry comprises parameters associated therewith.

59. The medical device of claim 57, wherein the drug library further comprises at least one drug entry not associated with a specific drug, but rather a broad drug category.

60. The medical device of claim 59, wherein the user may select one of the at least one drug entry in the drug library not associated with a specific drug, but rather a broad drug category to program delivery of the medicament to the patient.

61. A medical device comprising:

a graphical user interface, and

a processor, wherein the processor is configured to generate at least one screen for display on the graphical user interface, the at least one screen including at least one parameter value,

wherein:

said processor is configured to generate at least one screen for display on the graphical user interface, at least one of said at least one screen including a user-entered value,

the processor is further configured to visibly alter a size of a font of the user-entered value to fit the full value on the graphical user interface and a color of the user-entered value, to help ensure a typo which would result in an order of magnitude error being more easily recognized by a user, in response to a change in an order of magnitude of the user-entered value, and

the parameters of the at least one drug entry configured to restrict operation of the medical device by limiting at least one of acceptable input ranges on the medical device, a limit for a therapy, and a limit on a medical device.

62. The medical device of claim 61, wherein the at least one screen includes a therapy in progress screen, the therapy in progress screen including a pressure indicator which indicates the pressure of a fluid in an infusion line.

63. The medical device of claim 61, wherein the at least one screen is a therapy in progress screen, the therapy in progress screen comprising a medicament indicator indicating a medicament which is being delivered by the medical device, the processor further configured to color code the medicament indicator displayed on the user interface in one of a plurality of colors, each of the plurality of colors corresponding to a classification of the medicament.

64. The medical device of claim 61 further comprising:

a computer readable memory, the computer readable memory storing a plurality of parameter values related to therapies that may be programmed into the medical device, at least one of the parameter values being a user overrideable limit for a therapy parameter value, the user overrideable limit for a therapy parameter value overrideable by a user via the

graphical user interface, wherein the processor is further configured to display an indicia next to the therapy parameter value in response to the user overriding the user overrideable limit.

65. The medical device of claim 64, wherein the computer readable memory is configured to store a plurality of medicaments that may be delivered by the medical device, each medicament being organized into one or more medicament category, each of the medicaments further being associated with one or more parameter values related to therapies that may be programmed into the medical device, wherein a user may program the medical device, using the graphical user interface to at least select a medicament category within which a medicament to be delivered by the medical device is included.