WHAT IS CLAIMED IS:

1. A multiparameter leadset with a single lead set connector having a plurality of patient leads and configured to interface with a monitoring device for monitoring a plurality of health indicators of a patient, the multiparameter leadset comprising:

a first patient lead for electrocardiogram (ECG) monitoring, the first patient lead extending between a first lead distal end and a first lead proximal end, wherein the first lead distal end comprises a plurality of ECG leads that are configured to be attached to the patient, and the first lead proximal end includes at least a first lead connector;

a second patient lead for monitoring a second health indicator of the patient with a second lead connector at the second lead proximal end and a second patient connector that is configured to be connected to a second health indicator monitoring sensor; and

a third patient lead for monitoring a third health indicator of the patient with a third lead connector at the third lead proximal end and a third patient connector that is configured to be connected to third health indicator monitoring sensor, wherein the second patient connector and the third patient connector are configured to be removably connected to one another via an interconnection feature and wherein the single lead set connector comprises at least one of a flat style connector or printed circuit board (PCB) or a flat style connector or PCB receiving input device interface with a plurality of lead connectors comprising the first, second and third lead connectors, and wherein the single lead set connector is configured to interface with a monitoring device through a multiparameter input device.

2. The multiparameter leadset of claim 1, wherein the second health indicator is a patient’s blood oxygen saturation.

3. The multiparameter leadset of claim 2, wherein the second patient connector is configured to be connected to a patient blood oxygen monitoring sensor.

4. The multiparameter leadset of claim 1, wherein the third health indicator is a patient’s temperature.

5. The multiparameter leadset of claim 2, wherein the third patient connector is configured to be connected to a patient temperature monitoring sensor.

6. The multiparameter leadset of claim 2, where the interconnection feature comprises a plurality of interconnection features, the interconnection features comprising:

a received portion; and

a receiving portion configured to removeably receive the received portion.

7. The multiparameter leadset of claim 6, wherein the receiving portion is configured to captively receive and engage with the received portion.

8. The multiparameter leadset of claim 1, wherein the first patient lead, second patient lead, and third patient are configured to be separated or re-joined via a single interconnection member.

9. The multiparameter leadset of claim 8, wherein the interconnection features extend along a length the first patient lead, the second patient lead, and the third patient lead.

10. The multiparameter leadset of claim 1, wherein the single lead set connector comprises a single flat style connector or PCB with the first lead connector, the second lead connector for providing signal communication with the second patient connector, and the third lead connector for providing signal communication with the third patient connector.

11. The multiparameter leadset of claim 1, wherein the first patient lead comprises at least one first wire extending between the first patient connector at the first lead distal end and the first lead connector at the first lead proximal end, the second patient lead comprises at least one second wire extending between the second patient connector at the second patient lead distal end and the second lead connector at the second patient lead proximal end, and the third patient lead comprises at least one third wire extending between the third patient connector at the third patient lead distal end and the third lead connector at the third patient lead proximal end.

12. The multiparameter leadset of claim 11, wherein the at least one first wire, at least one second wire and at least one third wire are connected along at least a portion of their lengths thereof to form a connected series of wires.

13. The multiparameter leadset of claim 12, wherein the at least one first wire, at least one second wire, and at least one third wire are connectable to and disconnectable from one another along the portion of their lengths.

14. The multiparameter leadset of claim 1, wherein the first patient connector comprises at least one of three electrode connectors, five electrode connectors, six electrode connectors, ten electrode connectors, or twelve electrode connectors, wherein each of the electrode connectors are configured to be connected to an electrode that is configured to be emplaced on a patient’s skin.

15. The multiparameter leadset of claim 1, wherein the lead set connector is configured to plug into a multiparameter input device connector at a distal end of a multiparameter input device, wherein the multiparameter input device further comprises one or more monitoring connectors at a proximal end for providing continuity with one or more monitoring devices for ECG monitoring, monitoring the second health indicator, and monitoring the third health indicator.

16. The multiparameter leadset of claim 15, wherein the lead set connector is configured to plug into a multiparameter input device connector at a distal end of a multiparameter input device, wherein the one or more monitoring connectors comprises a first monitor connector, a second monitor connector, and a third monitor connector, wherein the first monitor connector is configured to plug into a monitoring device or monitoring device plug for ECG monitoring, the second monitor connector is configured to plug into a monitoring device or monitoring device plug for monitoring a patient blood oxygen saturation, and the third monitor connector is

configured to plug into a monitoring device or monitoring device plug for monitoring a patient temperature.

17. The multiparameter leadset of claim 1, wherein the plurality of ECG leads are configured to be removeably connected to one or more electrode patches emplaced on a patient’s skin.

18. The multiparameter leadset of claim 1, further comprising a fourth patient lead for monitoring patient’s blood pressure.

19. The multiparameter leadset of claim 18, wherein the fourth patient lead comprises a fourth patient connector, wherein the fourth patient connector is configured to connect to a non-invasive blood pressure monitoring device.