CLAIMS

What is claimed is:

1. A computer-implemented system, comprising: a treatment device configured to be manipulated by a user while the user performs a treatment plan, wherein the treatment device includes at least one pedal; a patient interface associated with the treatment device, the patient interface comprising an output configured to present telemedicine information associated with a telemedicine session; and a computing device configured to: receive treatment data pertaining to the user who uses the treatment device to perform the treatment plan, wherein the treatment data comprises at least one of characteristics of the user, measurement information pertaining to the user while the user uses the treatment device, characteristics of the treatment device, and at least one aspect of the treatment plan; generate treatment information using the treatment data; write to an associated memory, for access at a computing device of a healthcare provider, the treatment information; communicate with an interface, at the computing device of the healthcare provider, wherein the interface is configured to receive treatment plan input; and modify at least one of the at least one aspect and any other aspect of the treatment plan in response to receiving treatment plan input including at least one modification to the at least one of the at least one aspect and any other aspect of the treatment plan.

2. The computer-implemented system of claim 1, wherein the computing device is further configured to control, while the user uses the treatment device, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

3. The computer-implemented system of claim 1, wherein the computing device is further configured to control, while the user uses the treatment device during the telemedicine session, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

4. The computer-implemented system of claim 1, wherein the measurement information includes at least one of a vital sign of the user, a respiration rate of the user, a heartrate of the user, a temperature of the user, and a blood pressure of the user.

5. The computer-implemented system of claim 1, wherein at least some of the treatment data corresponds to at least some sensor data from a sensor associated with the treatment device.

6. The computer-implemented system of claim 1, wherein at least some of the treatment data corresponds to at least some sensor data from a sensor associated with a wearable device worn by the user while the user uses the treatment device.

7. A method comprising: receiving treatment data pertaining to a user who uses a treatment device to perform a treatment plan, wherein the treatment data comprises at least one of

characteristics of the user, measurement information pertaining to the user while the user uses the treatment device, characteristics of the treatment device, and at least one aspect of the treatment plan; generating treatment information using the treatment data, wherein the treatment device includes a stationary cycling machine; writing to an associated memory, for access at a computing device of a healthcare provider, the treatment information; communicating with an interface, at the computing device of the healthcare provider, wherein the interface is configured to receive treatment plan input; and modifying at least one of the at least one aspect and any other aspect of the treatment plan in response to receiving treatment plan input including at least one modification to the at least one of the at least one aspect and any other aspect of the treatment plan.

8. The method of claim 7, further comprising controlling, while the user uses the treatment device, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

9. The method of claim 7, further comprising controlling, while the user uses the treatment device during the telemedicine session, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

10. The method of claim 7, wherein the measurement information includes at least one of a vital sign of the user, a respiration rate of the user, a heartrate of the user, a temperature of the user, and a blood pressure of the user.

11. The method of claim 7, wherein at least some of the treatment data corresponds to at least some of the sensor data from a sensor associated with the treatment device.

12. The method of claim 7, wherein at least some of the treatment data corresponds to at least some of the sensor data from a sensor associated with a wearable device worn by the user while the user uses the treatment device.

13. The method of claim 7, further comprising, while the user uses the treatment device to perform the treatment plan, receiving subsequent treatment data pertaining to the user.

14. The method of claim 13, further comprising modifying the modified the at least one of the at least one aspect and any other aspect of the treatment plan in response to receiving subsequent treatment plan input including at least one further modification to the modified the at least one of the at least one aspect and any other aspect of the treatment plan, wherein the subsequent treatment plan input is based on at least one of the treatment data and the subsequent treatment data.

15. A tangible, non-transitory computer-readable medium storing instructions that, when executed, cause a processing device to: receive treatment data pertaining to a user who uses a treatment device to perform a treatment plan, wherein the treatment data comprises at least one of characteristics of the user, measurement information pertaining to the user while the

user uses the treatment device, characteristics of the treatment device, and the at least one of the at least one aspect and any other aspect of the treatment plan, wherein the treatment device includes at least one pedal; generate treatment information using the treatment data; write to an associated memory, for access at a computing device of a healthcare provider, the treatment information; communicate with an interface, at the computing device of the healthcare provider, wherein the interface is configured to receive treatment plan input; and modify the at least one of the at least one aspect and any other aspect of the treatment plan in response to receiving treatment plan input including at least one modification to the at least one of the at least one aspect and any other aspect of the treatment plan.

16. The computer-readable medium of claim 15, wherein the processing device is further configured to control, while the user uses the treatment device, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

17. The computer-readable medium of claim 15, wherein the processing device is further configured to control, while the user uses the treatment device during the telemedicine session, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

18. The computer-readable medium of claim 15, wherein the measurement information includes at least one of a vital sign of the user, a respiration rate of the user, a heartrate of the user, a temperature of the user, and a blood pressure of the user.

19. The computer-readable medium of claim 15, wherein at least some of the treatment data corresponds to at least some sensor data from a sensor associated with the treatment device.

20. The computer-readable medium of claim 15, wherein at least some of the treatment data corresponds to at least some sensor data from a sensor associated with a wearable device worn by the user while the user uses the treatment device.

21. The computer-readable medium of claim 15, wherein the processing device is further configured to, while the user uses the treatment device to perform the treatment plan, receiving subsequent treatment data pertaining to the user.

22. The computer-readable medium of claim 21, wherein the processing device is further configured to modify the modified the at least one of the at least one aspect and any other aspect of the treatment plan in response to receiving subsequent treatment plan input including at least one further modification to the modified the at least one of the at least one aspect and any other aspect of the treatment plan, wherein the subsequent treatment plan input is based on at least one of the treatment data and the subsequent treatment data.

23. A system comprising: a memory device storing instructions; and a processing device communicatively coupled to the memory device, the processing device executes the

instructions to: receive treatment data pertaining to a user who uses a treatment device to perform a treatment plan, wherein the treatment data comprises at least one of characteristics of the user, measurement information pertaining to the user while the user uses the treatment device, characteristics of the treatment device, and the at least one of the at least one aspect and any other aspect of the treatment plan, wherein the characteristics of the treatment device include at least a resistance setting of at least one component of the treatment device; generate treatment information using the treatment data; write to at least one of the memory device and another associated memory device, for access at a computing device of a healthcare provider, the treatment information; communicate with an interface, at the computing device of the healthcare provider, wherein the interface is configured to receive treatment plan input; and modify the at least one of the at least one aspect and any other aspect of the treatment plan in response to receiving treatment plan input including at least one modification to the at least one of the at least one aspect and any other aspect of the treatment plan.

24. The system of claim 23, wherein the processing device is further configured to control, while the user uses the treatment device, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

25. The system of claim 23, wherein the processing device is further configured to control, while the user uses the treatment device during the telemedicine session, and based on the modified the at least one of the at least one aspect and any other aspect of the treatment plan, the treatment device.

26. The system of claim 23, wherein the measurement information includes at least one of a vital sign of the user, a respiration rate of the user, a heartrate of the user, a temperature of the user, and a blood pressure of the user.

27. The system of claim 23, wherein at least some of the treatment data corresponds to at least some sensor data from a sensor associated with the treatment device.

28. The system of claim 23, wherein at least some of the treatment data corresponds to at least some sensor data from a sensor associated with a wearable device worn by the user while the user uses the treatment device.

29. The system of claim 23, wherein the processing device is further configured to, while the user uses the treatment device to perform the treatment plan, receiving subsequent treatment data pertaining to the user.

30. The system of claim 29, wherein the processing device is further configured to modify the modified the at least one of the at least one aspect and any other aspect of the treatment plan in response to receiving subsequent treatment plan input including at least one further modification to the modified the at least one of the at least one aspect and any other aspect of

the treatment plan, wherein the subsequent treatment plan input is based on at least one of the treatment data and the subsequent treatment data.