CLAIMS

1. Wireless communication system for medical assistance comprising

a first mobile device (11) at a first location, the first device having a first optical input for obtaining optical input from a physical reality, a display, and a transceiver,

a second mobile device (12) at a second location, the second device having a second optical input for obtaining optical input from a physical reality, a display, and a transceiver,

implemented on both the two devices a two-directional transmitting system, wherein the transmitting system is configured to receive at least one layer of first optical input (31) relating to a physical reality from the first device and is configured to transmit the at least one layer of first optical input to the second mobile device and is configured to receive at least one layer of second optical input (32) relating to a physical reality from the second device and is configured to transmit the at least one layer of second optical input to the first mobile device,

wherein the first device is configured to display the at least one layer of second optical input of the second device superimposed over the first optical input for forming augmented reality, and wherein the second device is configured to display the at least one layer of first optical input of the first device subimposed under the second optical input for forming augmented reality, and

wherein the superimposed displayed inputs on the first device is equal to the subimposed displayed inputs on the second device.

2. Wireless communication system according to claim 1, further comprising a tracking system for recording of instructions and actions performed.

3. Wireless communication system according to claim 1, wherein the first optical input is provided by a first camera.

4. Wireless communication system according to according to claim 1, wherein the second optical input is provided by at least one of a second camera, a graphical input, a video input, a touch screen, a mouse, a touch pad, a stylus, a controller, or a database.

5. Wireless communication system according to claim 1, wherein the first device and second device are configured to display further optical input.

6. Wireless communication system according to claim 1, wherein optical input is further provided by a touch screen, a mouse pad, and graphics.

7. Wireless communication system according to claim 1, comprising at least one further mobile device having a further optical input, and a wireless transceiver, and implemented thereon the two-directional transmitting system.

8. Wireless communication system according to claim 1, wherein at least one location is a remote location.

9. Wireless communication system according to claim 1, further comprising a digitally or physically accessible reference document, the reference document comprising in view of medical actions instructions for preparation thereof, instructions for triaging, instructions for diagnosing, instructions for performing measurements, instructions for carrying out, instructions for logging data, instructions for after care, a database, and an overview of contents.

10. Wireless communication system according to claim 1, further comprising a coordinator configured to establish contact between the first mobile device and the second mobile device, wherein the coordinator is configured to select the second device based on at least one of availability, distance, language capabilities of the owner, specific medical expertise of the owner, time zone, and stability of the transmitting system.

11. Wireless communication system according to claim 1, further comprising at least one of an identity checker, credentials checker, a unique session identifier, a data-logging system, and a sensor, selected from a medical sensor for ECG, blood pressure, for vital parameters, blood and urine analysis, and blood oxygen level.

12. Wireless communication system according to claim 1, further comprising a switch for activating or deactivating superimposed display on one or both devices.

13. Wireless communication system according to claim 1, wherein the second device is configured to retrieve input from

a database.

14. Use of a wireless communication system according to any of claims 1-13 for training and for providing real-time medical assistance.