Claims

1. Computer-implemented method comprising the steps of:

providing a medical dataset with data of a plurality of patients and pertaining to at least one disease;

associating the data in the dataset with corresponding parts of the human body, to which the data pertains;

displaying, on a display device, a graphical representation of the human body (1) or of a part of the human body;

displaying, on the display device, a plurality of activatable buttons (2) associated with different parts of said graphical representation (1);

receiving a user input activating one of the plurality of activatable buttons (2); and

based on the activation, displaying, on the display device, a graphical representation of the data (4) associated with that part of the human body, to which the activatable button (2) activated by the user input pertains.

2. Computer-implemented method according to claim 1, further comprising displaying a context menu (3) in response to the activation of the activatable button (2), the context menu (3) offering a set of choices for determining the graphical representation of the data (4) and/or for choosing a subset of the data associated with the respective part of the human body.

3. Computer-implemented method according to claim 1 or 2, wherein the graphical representation of the data (4) comprises one or more charts.

4. Computer-implemented method according to any one of the preceding claims, wherein the medical dataset comprises time-dependent data and wherein the graphical representation of the data (4) comprises representations of different temporal snapshots of the data, in particular, wherein a temporal control element is provided, particularly in form of a time line, to choose one or more temporal snapshots to which the graphical representation of the data (4) shall pertain.

5. Computer-implemented method according to any one of the preceding claims, wherein the graphical representation of the human body (1) or of a part of the human body is an interactive representation, in particular scalable and/or rotatable.

6. Computer-implemented method according to any one of the preceding claims, wherein the medical dataset pertains to more than one disease and wherein the method further comprises:

providing an interface allowing the user to select a disease; and

restricting the graphical representation of the data (4) associated with the part of the human body, to which the activatable button (2) activated by the user input pertains, to data pertaining to the selected disease.

7. Computer-implemented method according to any one of the preceding claims, wherein the medical dataset pertains to more than one medication used for treating the at least one disease, and wherein the method further comprises:

providing an interface allowing the user to select a medication; and

restricting the graphical representation of the data (4) associated with the part of the human body, to which the activatable button (2) activated by the user input pertains, to data pertaining to the selected medication.

8. Computer-implemented method according to any one of the preceding claims, wherein associating the data in the dataset with corresponding parts of the human body, to which the data pertains, comprises providing for the data of each patient at least one matrix, the elements of the matrix being each associated with a predetermined part of the human body and entering at least a part of the data or a quantity derived from said data into the at least one matrix.

9. Computer-implemented method according to claim 8, wherein associating the data in the dataset with corresponding parts of the human body, to which the data pertains, further comprises receiving and/or determining anatomical scores for each patient and storing them as elements in the at least one matrix, wherein the anatomical scores are defined as clinical assessments or evaluations performed on specific anatomical locations.

10. Computer-implemented method according to claim 9, further comprising determining anatomical scores from the patient level data of at least one patient using a machine learning technique and/or an artificial neural network, particularly a deep neural network.

11. A data processing apparatus comprising a processor adapted to perform the steps of the method of any one of the preceding claims.

12. A computer program product comprising instructions which, when the program is executed by a computer, cause the computer to carry out the steps of the method of any one of claims 1 to 10.

13. A computer-readable storage medium comprising instructions which, when executed by a computer, cause the computer to carry out the steps of the method of any one of claims 1 to 10.