What is claimed is:

1. An information processing apparatus comprising:

an extraction unit configured to use a learning model for extracting a combining region from a subject image to extract the combining region from a first subject image of a first subject; and

a generation unit configured to generate a combined image obtained by combining the extracted combining region with a target region of a corrected image in which transparency of the target region in a second subject image of a second subject has been corrected to a threshold or more, wherein

the generation unit generates the combined image by combining the extracted combining region with the target region of the corrected image obtained by correcting the transparency of a boundary region between an inside and an outside of the target region in the second subject image so as to be stepwise or continuously reduced from the inside of the subject region to the outside of the subject region.

2. The apparatus according to claim 1, wherein

the second subject image is an image including a face and clothing of the second subject.

3. The apparatus according to any one of claims 1 to 2, wherein

the second subject image is an image including a trial target site of the first subject.

4. The apparatus according to claim 3, wherein

the trial target site is at least one of a hair site, a skin site, or an item worn by the second subject.

5. The apparatus according to claim 3 or 4, wherein

the combining region is a region adjacent to the trial target site, in the first subject image.

6. The apparatus according to claim 5, wherein

the trial target site is a hair site, and the combining region is a face region in the first subject image.

7. The apparatus according to any one of claims 1 to 6, wherein

the combining region and the target region are rectangular regions.

8. The apparatus according to any one of claims 1 to 7, wherein

the generation unit reshapes the corrected image so that the target region of the corrected image and the combining region matches with each other, and generates the combined image by combining the extracted combining region with the target region of the reshaped corrected image.

9. The apparatus according to any one of claims 1 to 8, wherein

the generation unit corrects a color tone of the extracted combining region such that a difference between a color tone of a feature region characteristically representing a skin color in the first subject image and a color tone of the feature region in the second subject

image is a predetermined value or less, and generates the combined image by combining the corrected combining region with the target region of the corrected image.

10. The apparatus according to claim 9, wherein
the feature region includes a nose tip region, a nostril region, and a skin region adjacent the nose tip region.

11. The apparatus according to claim 10, wherein
the skin region is at least one of a region between the user's nose and the lips, or a cheek region.

12. The apparatus according to any one of claims 1 to 11, further comprising an output control unit configured to output the combined image to an output unit.

13. The apparatus according to claim 12, wherein
the output control unit outputs the combined image and related information related to the second subject image corresponding to the corrected image used for combining the combined image, to the output unit.

14. The apparatus according to claim 13, wherein
the related information is at least one of: supplementary information related to the second subject image; affinity between the feature of the first subject and a trial target site of the second subject image; a user name other than the first subject similar to the combined image; characteristic information indicating a characteristic of the combined image; or difference

information indicating a difference between the first subject and the second subject.

15. The apparatus according to claim 13 or 14, wherein

the output control unit outputs the combined image selected on the basis of the related information among the plurality of generated combined images, to the output unit.

16. An information processing method comprising:

using a learning model for extracting a combining region from a subject image to extract the combining region from a first subject image of a first subject; and

generating a combined image obtained by combining the extracted combining region with a target region of a corrected image in which transparency of the target region in a second subject image of a second subject has been corrected to a threshold or more, wherein

the generating generates the combined image by combining the extracted combining region with the target region of the corrected image obtained by correcting the transparency of a boundary region between an inside and an outside of the target region in the second subject image so as to be stepwise or continuously reduced from the inside of the subject region to the outside of the subject region.

17. A computer program product comprising a computer-readable recording medium including an information processing program, the program causing a computer to execute:

using a learning model for extracting a combining region from a subject image to extract the combining region from a first subject image of a first subject; and

generating a combined image obtained by combining the extracted combining region with a target region of a corrected image in which transparency of the target region in a second subject image of a second subject has been corrected to a threshold or more, wherein

the generating generates the combined image by combining the extracted combining region with the target region of the corrected image obtained by correcting the transparency of a boundary region between an inside and an outside of the target region in the second subject image so as to be stepwise or continuously reduced from the inside of the subject region to the outside of the subject region.