[Document Name] Claims

1. An oral cavity care system comprising:

(1) a means for automatically determining a condition of bacteria in a subgingival margin using a phase contrast microscope after treatment of supplying a fine ozone bubble liquid,

(2) a means for automatically recording a diagnosis result in an electronic medical record,

(3) a means for displaying information of the electronic medical record, wherein

a stock solution of the fine ozone bubble liquid has ozone concentration of 100 ppm or more,

even if ozone concentration of the fine ozone bubble liquid is diluted to 4 ppm or less, the fine ozone bubble liquid has a sterilizing action,

the fine ozone bubble liquid has ozone concentration of 4 ppm or more after frozen storage for one year or more, and

in addition to the sterilizing action, the fine ozone bubble liquid has an odor component decomposition action and an antiviral action.

2. The oral cavity care system according to claim 1, wherein in the means (1), the condition of bacteria is automatically determined and on the basis of the determination, the necessity of additional treatment is determined and displayed on the means for displaying information.

3. The oral cavity care system according to claim 1, wherein the condition of bacteria determined in the means (1) is automatically recorded in the electronic medical record and taken into account in a next diagnosis.

4. The oral cavity care system according to claim 1, wherein the information displayed in (3) is supplied to a means for removing tartar or plaque with an

ultrasonic scaler while supplying the fine ozone bubble liquid to the tip of the ultrasonic scaler.

5. The oral cavity care system according to claim 1, wherein the fine ozone bubble liquid includes at least one type of fine bubbles among micro bubbles, micro nano bubbles and nano bubbles in a production process.

6. The oral cavity care system according to claim 1, wherein the fine ozone bubble liquid is produced by containing fine bubbles of ozone gas in water in a production process.

7. The oral cavity care system according to claim 1, wherein the fine ozone bubble liquid is used for gargling.

8. The oral cavity care system according to claim 1, wherein the fine ozone bubble liquid is used for brushing.

9. The oral cavity care system according to claim 1, wherein the fine ozone bubble liquid is used for treatment with an ultrasonic scaler.

10. The oral cavity care system according to claim 1, wherein the oral cavity care system is provided for a dental hospital, for treatment of periodontal disease, for preventing periodontal disease or for preventing halitosis.

11. The oral cavity care system according to claim 1, wherein the oral cavity care system is provided for a nursing care facility, a clinic, or gargling in a facility.

12. The oral cavity care system according to claim 1, wherein the oral cavity care system is provided for beauty, health, sports, preventing health deterioration, or health promotion.

13. An oral cavity care system using a fine ozone bubble liquid, wherein a stock solution of the fine ozone bubble liquid has ozone concentration of 100 ppm or more,

even if ozone concentration of the fine ozone bubble liquid is diluted to 4 ppm or less, the fine ozone bubble liquid has a sterilizing action,

the fine ozone bubble liquid has ozone concentration of 4 ppm or more after frozen storage for one year or more,

in addition to the sterilizing action, the fine ozone bubble liquid has an odor component decomposition action and an antiviral action, and

the oral cavity care system is provided for a veterinarian, a pet salon, or a pet for improving halitosis.

14. A program, wherein the program operates a computer as each of the means in the oral cavity care system according to any one of claims 1 to 13.

15. A storage medium, wherein the storage medium stores the program according to claim 14.

16. An oral cavity care method using a fine ozone bubble liquid, wherein a stock solution of the fine ozone bubble liquid has ozone concentration of 100 ppm or more,

even if ozone concentration of the fine ozone bubble liquid is diluted to 4 ppm or less, the fine ozone bubble liquid has a sterilizing action,

the fine ozone bubble liquid has ozone concentration of 4 ppm or more after frozen storage for one year or more,

in addition to the sterilizing action, the fine ozone bubble liquid has an odor component decomposition action and an antiviral action, and

the oral cavity care method is provided for a veterinarian, a pet salon, or a pet for improving halitosis.