CLAIMS

1. An individual management system for reproductive cells in a facility for in-vitro fertilization which includes an office (1) where an office worker executes office work, an examination room (2) where a doctor and a nurse collect follicles from a patient, a test / treatment room (3) where an embryo cultivator executes various treatments to ova, and a storage room (4) where fertilized eggs are cryopreserved, characterized in that;

a server (13) and plural personal computers (13) are installed in the office (1), and an identification code reader (14) for the office worker is arranged in the office (1);

plural personal computers (21) are installed in the examination room (2), and an identification code reader (22) for the doctor and the nurse is arranged in the examination room (2);

a label printer (31) is installed in the test / treatment room (3), plural tablet computers (33) and plural other identification code readers (34) for the embryo cultivator are arranged in the test / treatment room (3);

a tank for cryopreservation (41) is installed in the storage room (4), ovum preservation containers (45) are stored in the tank for cryopreservation (41), and a reader (47) for the embryo cultivator capable of reading an identification code and an IC tag is arranged in the storage room (4);

an identification code (13) and an IC tag (13) are at least attached to or mounted in the ovum preservation containers (45); and

the server (13), the personal computers (13, 21), the identification code reader (14, 22, 34), the label printer (31), the tablet computers (33), the ovum preservation containers (45), and the reader (47) capable of reading an

identification code and an IC tag are connected via intra-facility network (5),

wherein an inlet (51) of an IC tag (45) is contained in a cover pipe (52) mounted on an upper end of a rod-like part (45a) of the ovum preservation container (45); and

a hole or groove is formed in the inlet (51) of the IC tag (45).

2. The individual management system for reproductive cells according to claim 1, wherein the intra-facility network (5) is further connected to a cloud server (71) via internet (6).

3. The individual management system for reproductive cells according to claim 2, wherein the cloud server (71) can be accessed by a portable information terminal device (81) of a user of the facility.

4. The individual management system for reproductive cells according to any one of claims 1 to 3, wherein the facility is a facility for reproductive cells of animals.

~~5. The individual management system for reproductive cells according to any one of claims 1 to 4, wherein an inlet (51) of an IC tag (45) is contained in a cover pipe (52) mounted on an upper end of a rod-like part (45a) of the ovum preservation container (45).~~

~~6~~5. The individual management system for reproductive cells according to any one of claims 1 to ~~5~~4, wherein instruments and implements used in liquid

nitrogen filled up within the tank for cryopreservation (41) include at least a canister (42) and a cane (43).

~~7~~6. The individual management system for reproductive cells according to claim ~~6~~5, wherein an IC tag (42d) is suspended from a hooking portion (42c) of the canister (42).

~~8~~7. The individual management system for reproductive cells according to claim ~~6~~5, wherein an IC tag (43d) can be detachably mounted on the grasping portion (43c) of the cane (43).

~~9~~8. The individual management system for reproductive cells according to any one of claims 1 to ~~8~~7, wherein a container for reproductive cells further includes a sperm preservation container.

~~10~~9. The individual management system for reproductive cells according to claim ~~10~~8, wherein the sperm preservation container is a specimen tube (76) and an IC tag (74) is mounted in a leg portion (72a) of a body (72) of the specimen tube (76).

~~11~~10. The individual management system for reproductive cells according to claim ~~10~~9, wherein the sperm preservation container is a sperm preservation straw (91) and an IC tag (92) is mounted in a thin pipe (82) of the sperm preservation straw (91).

~~12~~11. The individual management system for reproductive cells according to any one of claims 1 to ~~11~~10, wherein an extended antenna (48) can be attached to the reader (47) capable of reading an identification code and an IC tag.