In one aspect, there is provided a kit for colouring disinfected regions of a surface, comprising:

a) at least one swab made from absorbent gauze, and

b) liquid disinfectant,

where

- the at least one swab is dry and coloured with dye, and
- the liquid disinfectant, when contacted with the at least one dry swab, is able to leach the dye at least partly from the swab, to give a swab impregnated with coloured disinfectant,
- where said adsorbent gauze is made of woven fabric consisting of cotton, and
- where the disinfectant comprises preferably b1) one or more alcohols selected from ethanol, n-propanol, isopropanol and mixtures thereof.

In another aspect, there is provided a kit as disclosed herein for use in a method for disinfecting skin or mucous membrane, more particularly in humans.

In one embodiment, there is provided a dry swab made from absorbent gauze, which is coloured with dye, the dye, when the swab is contacted with liquid disinfectant, being at least partly leached with the disinfectant from the swab.

In another embodiment, there is provided a liquid disinfectant for use in a method for disinfecting skin or mucous membrane, the method including the colouring of disinfected regions of skin or mucous membrane with a dye, and the dye here being at least partly leached with the disinfectant from a swab made of absorbent gauze.

DETAILED DISCLOSURE OF EMBODIMENTS

It has now surprisingly emerged that this problem is solved by a kit for colouring disinfected regions of a surface, that comprises:

Claims

1. Kit for colouring disinfected regions of a surface, comprising:

   a) at least one swab made from absorbent gauze, and

   b) liquid disinfectant,

   where

   - the at least one swab is dry and coloured with dye, and
   - the liquid disinfectant, when contacted with the at least one dry swab, is able to leach the dye at least partly from the swab, to give a swab impregnated with coloured disinfectant,
   - where said adsorbent gauze is made of woven fabric consisting of cotton, and
   - where the disinfectant comprises preferably b1) one or more alcohols selected from ethanol, n-propanol, isopropanol and mixtures thereof.

2. Kit according to Claim 1, **characterized in that** the dye is adsorbed on the fibres of the swab.

3. Kit according to Claim 1 or 2, **characterized in that** the at least one swab a) is packaged separately, the swab having been sterilized preferably with the packaging, and the packaging also ensuring the sterility.

4. Kit according to any of the preceding claims, **characterized in that** the dye of the swab is selected from a1) xanthene dyes, a2) azo dyes, a3) polyterpene compounds, and mixtures thereof,

and where **preferably** the dye is selected from i) annatto dyes, ii) a mixture of D&C Orange 4 with erythrosine and iii) a mixture of annatto dyes with D&C Orange 4 and erythrosine.

5. Kit according to any of the preceding claims, **characterized in that** the at least one swab additionally has an X-ray contrast thread,
where **preferably** the X-ray contrast thread is coloured and the colour of the X-ray contrast thread differs from the colour of the swab.

6. Kit according to any of the preceding claims, **characterized in that** the swab is pea-sized, hazelnut-sized, walnut-sized, plum-sized, egg-sized, extra-sized or fist-sized,
where **preferably** the dry swab contains no active antimicrobial ingredient.

7. Kit according to any of the preceding claims, **characterized in that** the disinfectant comprises b2) at least one active antiseptic ingredient selected from peroxide compounds,

quaternary ammonium salts, phenolic compounds, hexetidine and mixtures thereof,

where **preferably**

a) the peroxide compound is hydrogen peroxide,

b) the quaternary ammonium salt is selected from benzalkonium chloride, bispyridiniumalkane (more particularly octenidine), chlorhexidine and polyhexanide,

c) the phenolic compound is o-phenylphenol.

8. Kit according to any of Claims 4 to 7, **characterized in that**

a) the dye of the swab is selected from i) annatto dyes, ii) a mixture of D&C Orange 4 with erythrosine, and iii) a mixture of annatto dyes with D&C Orange 4 and erythrosine,

b) the disinfectant comprises b1) one or more aliphatic alcohols and b2) octenidine.

9. Kit according to any of the preceding claims, **characterized in that** the disinfectant contains no added dye.

10. Kit according to any of the preceding claims for use in a method for disinfecting skin or mucous membrane, more particularly in humans.

11. Kit for use according to Claim 10, **characterized in that** the method is a pre-operative measure and/or a measure prior to puncture or injection,

where **preferably** the disinfection is followed by a surgical intervention and/or by puncture or injection.