CLAIMS

1. A surgical gauze, characterized in that it comprises a first layer (1) of absorbent fabric, a second layer (2) of waterproof fabric and a third layer (3) of absorbent fabric,

said second layer (2) being interposed between said first layer (1) and third layer (3),

said first absorbent layer (1) which is on top of the second waterproof layer (2) being removable from a surgical site to combine the haemostatic, landmark surgery and counting function,

said first layer (1) being provided with one or more openings (4) to always let said second layer (2) be visible before and also after placing the gauze in the surgical site,

said second layer (2) having a morphological shape which provides for windows (5) that allow the passage of fluids thereunder in order to be absorbed by said underlying third fabric (3), thus maintaining an optimal chromatic continuity to maximize the vision of the surgical site,

said first and third absorbent layers (1, 3) being made of hydrophilic fabric,

said second waterproof layer (2) being a fabric, or a nonwoven fabric, the second waterproof layer (2) and the underlying third absorbent layer (3) being irreversibly joined,

the second waterproof layer (2) being immediately distinguishable in the surgical site since it is in chromatic contrast with body fluids/tissues absorbed by said first layer (1), between light and dark shades.

2. A gauze according to claim 1, characterized in that the first (1) and the second layer (2) are joined together with stitches or are ultrasonically welded in one or more points.

3. A gauze according to claim 1, characterized in that the color of the polyester fabric of the second layer (2) is given by basic dyes.

4. A gauze according to any one of the preceding claims,

characterized in that each of said layers (1, 2, 3) is a multilayer.

5. A surgical gauze, characterized in that it comprises a first layer (1) of absorbent fabric, a second layer (2) of waterproof fabric and a third layer (3) of absorbent fabric,

said second layer (2) being interposed between said first layer (1) and third layer (3),

said first absorbent layer (1) which is on top of the second waterproof layer (2) being joined "book-like" to said third layer (3) so that when the gauze is placed in the surgical site, the first layer (1) is not is removed but it simply opens "book-like", leaving the second layer (2) visible, said first layer (1) and third layer (3) forming a single absorbent layer (13),

said first layer (1) being provided with one or more openings (4) to always let said second layer (2) be visible before and also after placing the gauze in the surgical site,

said second layer (2) having a morphological shape which provides for windows (5) that allow the passage of fluids thereunder in order to be absorbed by said underlying third fabric (3), thus maintaining an optimal chromatic continuity to maximize the vision of the surgical site,

said first and third absorbent layers (1, 3) being made of hydrophilic fabric,

said second waterproof layer (2) being a fabric, or a nonwoven fabric, either synthetic or natural,

the second waterproof layer (2) and the underlying third absorbent layer (3) being irreversibly joined,

the second waterproof layer (2) being immediately distinguishable in the surgical site since it is in chromatic contrast with body fluids/tissues absorbed by said first layer (1), between light and dark shades.

6. A gauze according to claim 5, characterized in that it comprises a removable ring band (10) serving as landmark surgery, which before placing

the gauze in the surgical site allows keeping the gauze closed.

7. A gauze according to any one of claims 1-4, 5 and 6, characterized in that the second waterproof layer (2) is in bands, said windows (5) corresponding to spaces between two adjacent bands.

8. A gauze according to claim 7, characterized in that it is provided with absorbable or not absorbable stitches (11) which allow keeping the first layer (1) associated with the second layer (2) before placing the gauze in the surgical site, said stitches (11) allowing easy extraction of the first layer (1).

9. A gauze according to claim 8, characterized in that it is provided with a central hole in the first layer (1) to facilitate the removal thereof.

10. A gauze according to any one of claims 1-4, 7-9, characterized in that a second absorbent layer (2) is also present under the third layer (3), the first layer (1) covering said second layer (2) both above and below.

CLAIMS

1. A surgical gauze, characterized in that it comprises a first layer (1) of absorbent fabric, a second layer (2) of waterproof fabric and a third layer (3) of absorbent fabric,

said second layer (2) being interposed between said first layer (1) and third layer (3),

said first absorbent layer (1) which is on top of the second waterproof layer (2) being removable from a surgical site to combine the haemostatic, landmark surgery and counting function,

said first layer (1) being provided with one or more openings (4) to always let said second layer (2) be visible before and also after placing the gauze in the surgical site,

said second layer (2) having a morphological shape which provides for windows (5) that allow the passage of fluids thereunder in order to be absorbed by said underlying third fabric (3), thus maintaining an optimal chromatic continuity to maximize the vision of the surgical site,

said first and third absorbent layers (1, 3) being made of hydrophilic fabric,

said second waterproof layer (2) being a fabric, or a nonwoven fabric, the second waterproof layer (2) and the underlying third absorbent layer (3) being irreversibly joined,

the second waterproof layer (2) being immediately distinguishable in the surgical site since it is in chromatic contrast with body fluids/tissues absorbed by said first layer (1), between light and dark shades.

2. A gauze according to claim 1, characterized in that the first (1) and the second layer (2) are joined together with stitches or are ultrasonically welded in one or more points.

3. A gauze according to claim 1, characterized in that the color of the waterproof fabric of the second layer (2) is given by basic dyes.

4. A gauze according to any one of the preceding claims,

characterized in that each of said layers (1, 2, 3) is a multilayer.

5. A surgical gauze, characterized in that it comprises a first layer (1) of absorbent fabric, a second layer (2) of waterproof fabric and a third layer (3) of absorbent fabric,

said second layer (2) being interposed between said first layer (1) and third layer (3),

said first absorbent layer (1) which is on top of the second waterproof layer (2) being joined "book-like" to said third layer (3) so that when the gauze is placed in the surgical site, the first layer (1) is not is removed but it simply opens "book-like", leaving the second layer (2) visible, said first layer (1) and third layer (3) forming a single absorbent layer (13),

said first layer (1) being provided with one or more openings (4) to always let said second layer (2) be visible before and also after placing the gauze in the surgical site,

said second layer (2) having a morphological shape which provides for windows (5) that allow the passage of fluids thereunder in order to be absorbed by said underlying third fabric (3), thus maintaining an optimal chromatic continuity to maximize the vision of the surgical site,

said first and third absorbent layers (1, 3) being made of hydrophilic fabric,

said second waterproof layer (2) being a fabric, or a nonwoven fabric, either synthetic or natural,

the second waterproof layer (2) and the underlying third absorbent layer (3) being irreversibly joined,

the second waterproof layer (2) being immediately distinguishable in the surgical site since it is in chromatic contrast with body fluids/tissues absorbed by said first layer (1), between light and dark shades.

6. A gauze according to claim 5, characterized in that it comprises a removable ring band (10).

7. A gauze according to any one of claims 1-4, 5 and 6, characterized in that the second waterproof layer (2) is in bands, said windows (5) corresponding to spaces between two adjacent bands.

8. A gauze according to claim 7, characterized in that it is provided with absorbable or not absorbable stitches (11) which allow keeping the first layer (1) associated with the second layer (2) before placing the gauze in the surgical site, said stitches (11) allowing easy extraction of the first layer (1).

9. A gauze according to claim 8, characterized in that it is provided with a central hole in the first layer (1) to facilitate the removal thereof.

10. A gauze according to any one of claims 1-4, 7-9, characterized in that a second waterproof layer (2) is also present under the third layer (3), the first layer (1) covering said second waterproof layer (2) both above and below.

11. A surgical gauze, characterized in that it comprises a thickness formed by one or more flaps of a material (2) chosen from a group comprising cationic polyester, polypropylene, polyamide, polyethylene terephthalate (PET), carbon, silk, acrylic, and one or more flaps of hydrophilic material (1, 3).

12. A gauze according to claim 6, characterized in that said flaps of said material (2) chosen from said group provides windows (5), and said flaps of said hydrophilic material (1, 3) provides one or more openings (4).

13. A surgical gauze according to claims 11-12, characterized in that the material (2) chosen from said group is of dark color, preferably blue.

14. A surgical gauze according to claims 11-12, characterized in that the material (2) chosen from said group is of light color, preferably white.