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Claims

Invention Title:

A Dressing

A Dressing

Field of Invention

This invention concerns a dressing for debriding necrotic tissue using larvae.

Abstract

The present invention relates to a dressing for debriding necrotic tissue using larvae. The said dressing comprising of a flexible membrane consisting of a sleeve, means provided at the edge of the membrane for sealing, aperture with means for opening and closing to provide air to the larvae for breathing and to remove any dead or satiated tissue; drain tube, suction tube along with one or more openings for connecting the respective drain tube and suction tube for removal of larvae or liquefied necrotic tissues.

Claims

I / We claim:

1. A dressing for debriding necrotic tissue comprising of a flexible membrane, wherein the said flexible membrane consists of:
 - i. a sleeve for receiving a part of a mammal including human being;
 - ii. means provided at the edge of the membrane to seal against the healthy skin ;
 - iii. aperture;
 - iv. one or more drain tube;
 - v. one or more suction tube; and
 - vi. at least one mesh screen.
2. A dressing as claimed in claim 1 consisting of larvae.

3. A dressing as claimed in claim 1, consisting of larvae wherein larvae is introduced separately.
4. A dressing as claimed in claim 1, wherein the larvae used is not genetically modified.
5. A dressing as claimed in claim 1, wherein the larvae used is genetically modified.
6. A dressing as claimed in claim 1, wherein the larvae die before they become flies.
7. A dressing as claimed in claim 1, wherein the larvae is maggot.
8. A dressing as claimed in claim 1, wherein the flexible membrane is made from a plastic material and is transparent.
9. A dressing as claimed in claim 1, wherein the thickness of the membrane is less than 1.0 centimetre.
10. A dressing as claimed in claim 1, wherein the membrane is adapted at its edges thereby providing means to seal the open end or ends against healthy skin.
11. A dressing as claimed in claim 1, wherein the edge of the membrane is tapered.
12. A dressing as claimed in claim 1, wherein the means for sealing against the healthy skin is a cuff.
13. A dressing as claimed in claim 1, wherein the means for sealing is provided with an adhesive surface to facilitate sealing.
14. A dressing as claimed in claim 1, wherein means for sealing is further coated with adhesive.
15. A dressing as claimed in claim 1, wherein the dressing is a sleeve.
16. A dressing as claimed in claim 1, wherein the dressing is a bag.

17. A dressing as claimed in claim 1, wherein the aperture is provided with a screen mesh.
18. A dressing as claimed in claim 1, wherein the aperture is provided with a door.
19. A dressing as claimed in claim 1, wherein the aperture is for receiving the suction tube.
20. A dressing as claimed in claim 1, wherein the aperture is for receiving the drain tube.
21. A dressing as claimed in claim 1, wherein the aperture for receiving the drain tube is having a means for securely connecting the drain tube.
22. A dressing as claimed in claim 1, wherein the dressing is re-usable.
23. A dressing as claimed in claim 1, wherein the dressing is disposable after a single use.

Dated this 6th day of December 2005