

ABSTRACT

ANTIMICROBIAL COMPOSITIONS AND WOUND DRESSINGS

A wound dressing and an antimicrobial composition are provided. The wound dressing comprises a carbonaceous material, a noble metal carried on the carbonaceous material, and, optionally, a flexible base layer. The carbonaceous material is selected from a group consisting of activated carbon, graphite, carbon, and a combination thereof, while the noble metal is selected from a group consisting of Ag, Au, Pd, Pt, Cu, Ni, Co, Zn, and a mixture thereof. The antimicrobial composition is for topical use and comprises the aforementioned carbonaceous material as well as the noble metal carried on the carbonaceous material.

Figure 1



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