Please note: These studies may involve findings that exceed the claims currently cleared by the FDA for the product. Bravida Medical is not intending to make performance claims about its product. The intent is to disseminate the scientific literature on these products. We encourage you to read these studies to understand the strengths and limitations of the data. For some claims, Bravida is seeking to broaden the indications with the FDA in the future using data, such as these studies, to provide the substantiation.

MILITARY APPLICATIONS OF SILVER-NYLON DRESSINGS

David J. Barillo, MD, FACS, FCCM Winchester Medical Center Winchester, VA, USA

INTRODUCTION:

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Constant territy of sirver ion a turber may reves means mut cunnently significant microbial resistance does not occur reviewed published reports of the medical evaluation or clinical use of silver-nylon dressings to determine if silver-nylon dressings can function as a universal wound dressing for military use.

METHODS:

A Medline literature review for the years 1997 thu 2010 was conducted, searching for English-language articles writen by military medical personnel on the subject of silver-nylon dressings. A total of 15 articles were found and reviewed (references 6-20). The personal experiences of the author in using silver-nylon dressings as a deployed military burn and trauma surgeon and as a flight surgeon responsible for the safe trans-continental aero-medical evacuation of severely injured or burned soldiers was also reviewed.

RESULTS:

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extensively used during this timeframe for burn, blast, open fracture and other massive soft itsue injuries. The second second



COMPLEX COMBAT WOUND WITH OPEN FRACTURES TRAUMATIC AMPUTATIONS AND SEVERE BURNS



SILVER-NYLON DRESSINGS APPLIED IN THE OPERATING ROOM AT A COMBAT SUPPORT HOSPITAL IN AFGHANISTAN, 2011



EXPERIMENTAL SILVER-NYLON DRESSING ("ELECTRIC BANDAID") IN USE AT THE US ARMY BURN CENTER, EARLY 1990s



SILVER-NYLON DRESSINGS BEING PLACED BY BURN FLIGHT TEAM PRIOR TO TRANSPORT FROM LANDSTUHL, GERMANY TO SAN ANTONIO, TEXAS

DISCUSSION:

DISCUSSION:OP a statistic of wattime medical support is changing. For most of the major conflicts of the object of the major conflicts of the object of the major conflicts of the object of the major conflicts of the major conflicts. Following a joint-service streamlining of military medical facitities in present use are lighter, smaller, mouldar, and easier to major the probe, the medical facitities in present use are lighter, smaller, mouldar, and easier to major the probe that are not as nearly veli stocked as the old fixed facilities that they replaced. This means that patients must be rapidly stabilized and executed, and frequent re-supply must stutiations, silver-suplon dressing have a clear advantage as fewer dressing exerging strates and prequired. For example, patients with burs can be treated with one dressing every 57 days rather than the two dressing changes a day required with either maferide acetare as silver statistical acetares during storage compared to conventional cream-based facisations. Which end to the management of massive soft tissue injuries, open fractures, blast injuries and inamazic amputations.

For these reasons, silver-nylon products are ideal for military applications where the number of trained medical personnel may be limited, supply lines may be tenuous ar storage conditions are unpredictable.

SUMMARY:

For military medical planners, the end of the Cold War has produced new threats and new challenges. Successful medical response will require new solutions and new technologies. The pathogens seen in wartime injuries continue to evolve, and the facilities utilized for deployed medical care are now modular and mobile, but less able to provide comprehensive or extended medical care. Logistics trails are longer and aero-medical evacuation, of necessity, must occur much more quickly.

Silver-nylon dressings are effective, easy to use (particularly by inexperienced person easy to store and easy to transport. Because they can be used for multiple indications, silver-nylon dressings are a true force multipler and should be considered an essential medical product for both military and civilian (disaster response) applications.

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