

The Use of Shock Wave Treatment for treating MRSA An experimental study

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Device and producing company:

Storz SLXF2

Introduction:

Our clinical experiences with shock wave treatment suggests that it may have a bactericidal effect against microorganisms. Sensitive Staphylococci can be treated with appropriate antibiotics. Multi-resistant Staphylococci can be challenging to manage and may only be sensitive to toxic agents

Methods:

Controlled experiments have been carried out to assess the effects of shock wave energy against multi-resistant Staphylococcus aureus.

Results:

Our studies have shown a statistically significant effect of shock wave energy on multi resistant Staphylococci.

Discussion:

Our initial studies have been carried out with antibiotic sensitive Staphylococci. Our studies have now been extended to MRSA. It is perhaps not surprising that the shock wave energy has a similar effect, as the mode of action is not thought to be similar to the mode of action of antibiotics.

Conclusion:

Shock wave treatment may offer a helpful addition to the management of MRSA.