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**Advances in surgical wound management**

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**Statement of the Problem:** The concept of surgical wound debridement was developed by military field surgeons and has remained as a sharp debridement technique for over 300 years until the development of new surgical technology in the 21<sup>st</sup> century.

**Aim:** The purpose of this presentation is to demonstrate the validity of new technologies and their role in the treatment of wounds.

**Methodology:** A review of the English language literature on surgical wound debridement is presented along with the author's personal surgical experience.

**Findings:** Hydrosurgical technology was introduced about 15 years ago. The instrument delivered a high-powered beam of focused saline tangentially to the wound surface. The use of the device was found to be more effective and efficient at wound bed preparation than standard surgical technique. The latest innovation involves direct contact low frequency ultrasound. This technology controls mist dispersion, bio film removal and wound cleansing more effectively than previous methods. In addition, it is more versatile.

**Notes:**