Case Review

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Study Protocol

\begin{itemize}
  \item Patients were required to have a wound with no progress in at least 2 weeks under conventional treatment.
  \item Patients were seen 1 to 2 times per week.
  \item Debridement occurred at the initial visit, if required, and then limited there after.
  \item MIRRAGEN\textsuperscript{®} Advanced Wound Matrix was applied to the wound and covered with a cover dressing.
  \item On subsequent visits, the MIRRAGEN\textsuperscript{®} material was simply washed off with a sterile saline rinse to expose the wound for photos and measurements.
\end{itemize}

\begin{enumerate}
  \item Diabetic Foot Ulcer
    \begin{itemize}
      \item Healing rate: 25.3 mm\textsuperscript{2}/day
      \item Healing time: 33 days
      \item Wound size: 38 \times 22 \times 8 \text{ mm}
      \item Age of wound when treatment started: > 1 year
      \item Subject: 52/male. Insulin dependent diabetic, peripheral neuropathy, hypertension, renal failure on hemodialysis; history of chronic foot wounds.
    \end{itemize}

  \item Venous Leg Ulcer
    \begin{itemize}
      \item Healing rate: 14.3 mm\textsuperscript{2}/day
      \item Healing time: 103 days
      \item Wound size: 49 \times 30 \times 3 \text{ mm}
      \item Age of wound when treatment started: ~ 3 months
      \item Subject: 62/male.
    \end{itemize}
\end{enumerate}
3 Pressure Ulcer
Healing rate: 67.9 mm²/day  Healing time: 159 days
Wound size: 135 x 80 x 10 mm w/70-mm undermining at 3 o’clock
Age of wound when treatment started: 4 months
Subject: 44/male. Paraplegic. Frail with contractures and muscle wasting; tube fed, incontinent, dependent for all care.

4 Deep Tissue Injury (Traumatic)
Healing rate: 5.4 mm²/day  Healing time: 93 days
Wound size: 25 x 20 x 3 mm w/undermining
Age of wound when treatment started: 4 months
Subject: 68/female. Diabetes, peripheral neuropathy, and venous insufficiency. Necrotic tissue was treated with moistened MIRRAGEN® dressing for 2 days to soften and loosen necrotic tissue for easy removal.

5 Venous Stasis Ulcer
Healing rate: 39 mm²/day  Healing time: 127 days
Wound size: 66 x 75 x 25 mm
Age of wound when treatment started: ~ 3–4 months
Subject: 43/female. Presented with extreme wound odor that resolved after 3 visits. Morbid obesity, hypertension, hypothyroidism, lymphedema, and venous insufficiency; denies other health problems.

6 Traumatic Injury
Healing rate: 7 mm²/day  Healing time: 210 days
Wound size: 30 x 30 x 30 mm
Age of wound when treatment started: ~ 2 months
Subject: 70/female. Obesity, diabetes, PVD, PAD, neuropathy, heart disease, and venous insufficiency. History of smoking, chronic foot wounds and recurring infections.