

## ***Elasto-Gel™* Used to Heal Road Burn to Hand with Exposure of Extensor Tendon**

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A 33 year old female was involved in a motorcycle accident April 23<sup>rd</sup>. She slid along the pavement for approximately 100 feet resulting in a full thickness avulsion across the second and third MP joints of the right hand with exposure of the extensor tendons. She also sustained partial thickness abrasions across the fingers, as well as substantial abrading along the dorsum of the hand. Due to extensive internal injury and head injury she was admitted to the hospital for care.

Initial treatment of the wounds were to cleanse them with wound cleanser and cover with *Elasto-Gel™*.

We were asked to consult this patient on April 25<sup>th</sup>. Assessments of the wounds revealed significant edema of the hand with full thickness wounds and extensive abrasions. The wounds over the extensor tendons had been sutured closed. The wounds appeared somewhat dry. Due to her other injuries, the patient was being given intravenous pain medication per PCA.

Because the wounds appeared dry, wound gel was added to the treatment protocol. *Elasto-Gel™* was then cut to fit over the wounds and secured with kling wrap. This treatment was done twice daily.

On April 29<sup>th</sup>, the patient was dismissed to home and scheduled to be seen as an outpatient in the Wound Clinic on May 3<sup>rd</sup>.

On May 3<sup>rd</sup>, the wound demonstrated significant healing but a large amount of yellow slough was apparent on the hand. Sharp debridement removed the loosened slough and a daily soak followed by an enzymatic agent was added to the treatment plan to further remove any slough.

On May 10<sup>th</sup>, assessment revealed minimal slough with a fibroblastic wound base and scarring occurring. By May 17<sup>th</sup>, the slough was gone and healing continued. On May 31<sup>st</sup>, healing was complete and the patient was dismissed with healing accomplished in 38 days.

*Elasto-Gel™* dressing was effective in this wound treatment due to it's cushioning, ease of use and scar minimizing capabilities.