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Objective:

Upon completion of the lecture, attendees should be better prepared to:

- Describe the use of a laser platform and how it can increase range of motion
- Examine photographs of treated scars and recognize the noted improvements

Abstract:

Last year we spoke about utilizing a laser program to augment burn scars. We spoke about utilization of platforms to help with the consequences of hypertrophic scar: pruritis, prolonged erythema, ingrown hairs. Advances continue to be made throughout the decades since the optimization and utilization of LASER in burn scars. At the Baton Rouge General Regional Burn Unit patients were treated from 5 months to 81 years of age and as soon as 8 weeks to 24 years post injury. This is a demonstration of an objective account of functional improvement from therapist reports combined with photodocumented improvement.

The charts were reviewed of patients with injuries that were sustained at work and entered the laser therapy program. Patients that were compliant and participated in outpatient therapy were selected for review. The preliminary data indicated that Patient 1 was determined to have up to 50degrees of improvement in one joint after a single laser treatment. As a matter of fact, all areas demonstrated an improvement not seen with just therapy alone. Patient 2 also demonstrated a similar improvement. Patient 2 demonstrated up to 75 degrees of improvement in a large joint.

This investigation concluded that the greatest improvement was achieved with laser surgery and therapy together. This is a significant opportunity to improve function in addition to the appearance, texture, pliability and range of motion.

Disclosure:

Dylan M. Johnson – No Relevant Financial Relationships to Disclose
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