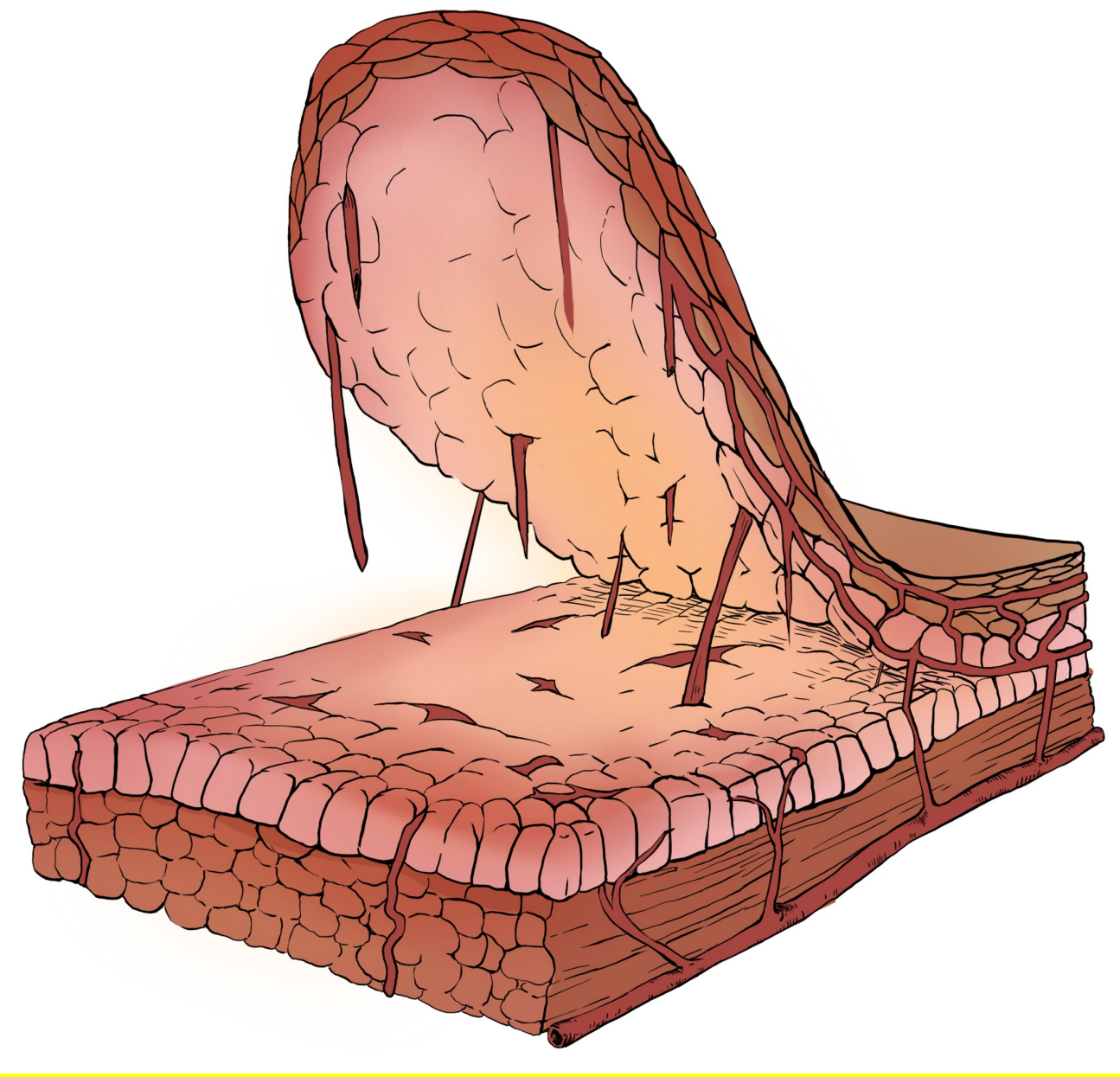


INNOVATIVE TREATMENT OF SKIN TEARS UTILIZING MULTIDIMENSIONAL EXOSKELETON SUPPORT

ANDREW KLAPPER, M.D.
MICHAEL RISIN, M.D.

BACKGROUND
CLASSIC SKIN TEAR TREATMENTS ARE OFTEN DOOMED TO FAILURE BECAUSE THEY ARE INCORRECTLY TREATED AS TRAUMATIZED RANDOM PATTERN FLAPS



Traumatized Subdermal Plexus is sole blood supply in a patient population with an already decreased microcirculation

CASE SERIES

10 patients with ISTAP class type 1 and 2 skin tears received medical treatment including single step application of the novel bandage. The device was left in place for one week. Patients were evaluated on return to the clinic to have dressing removed.

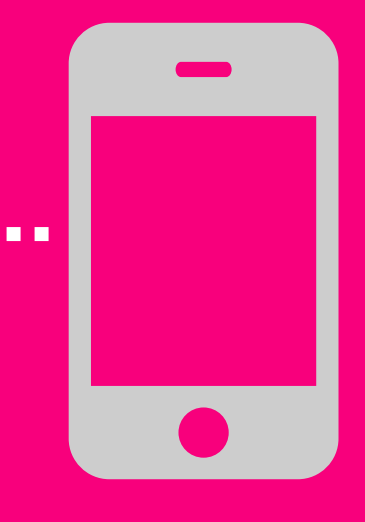
RESULTS

100% OF PATIENTS TREATED WITH THE NOVEL SKIN TEAR BANDAGE HAD COMPLETE AND TOTAL SURVIVAL OF SKIN FLAPS WITH NO INFECTIONS OR OTHER COMPLICATIONS.

DISCUSSION

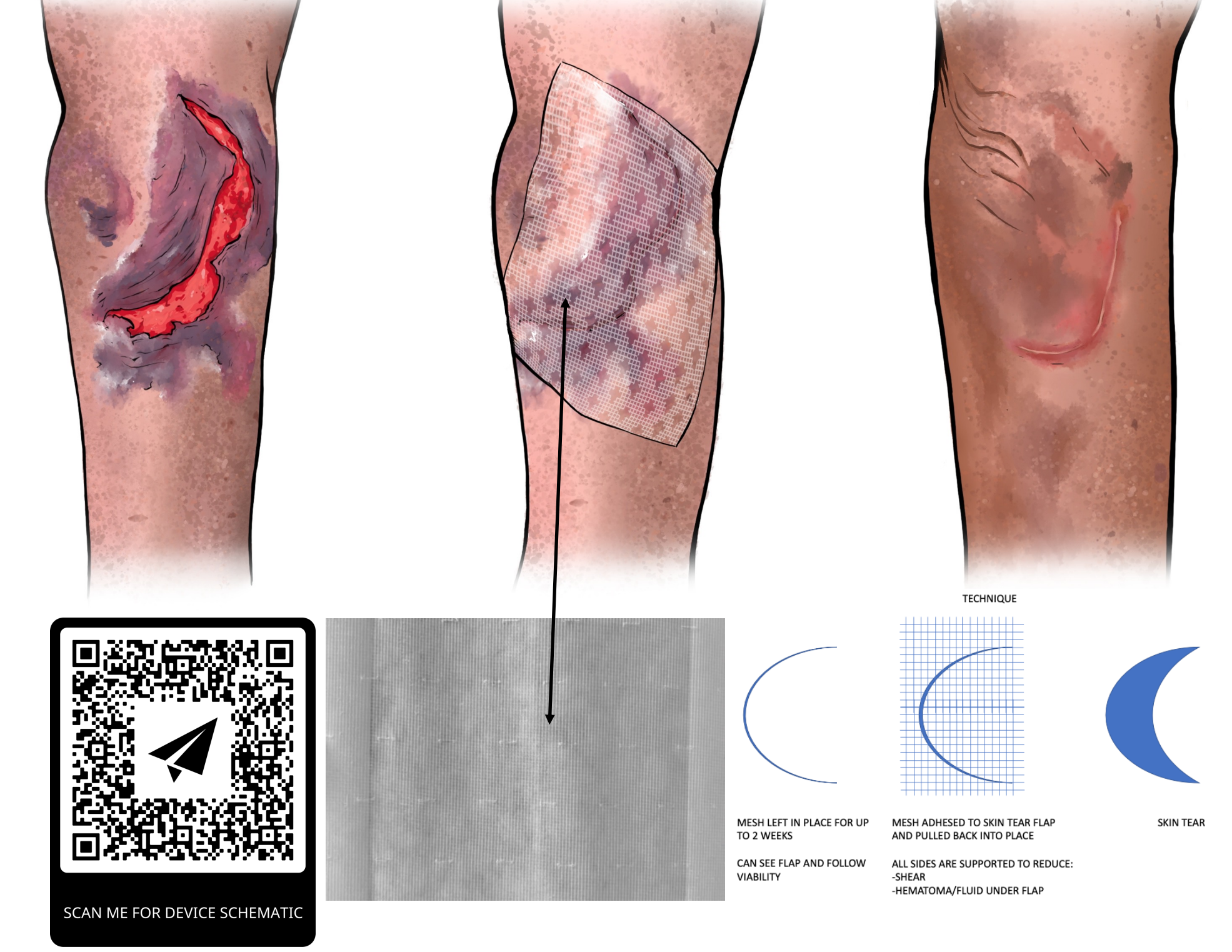
Skin tears are an under-reported common wound in the elderly. Classically, treatment is based on an unreliable traumatized blood supply. As the population lives longer, more geriatric patients are seeking care for skin tears in the acute and subacute setting. **Changing the current treatment algorithm for skin tears to be based on the tenets of skin grafting is likely to substantially simplify the treatment, improve outcomes and decrease associated costs of care.**

Skin Tear Survival INCREASES TO 100%
when you ignore the traumatized blood supply and treat as an in-situ SKIN GRAFT with a NOVEL EXOSKELETAL SUPPORT DEVICE



Take a picture to download the full poster

NOVEL DEVICE ISOLATES SKIN TEAR TO ITS WOUND BED ACROSS ALL VECTORS



84 year old female with ISTAP 2 skin tear from minor trauma to Left Forearm



84 year old female with multiple ISTAP 2 skin tear from minor trauma to Left Forearm



98 year old male with large ISTAP 2 degloving left forearm skin tear from fall

CONCLUSIONS
Treating skin tears as in-situ skin grafts with an exoskeletal support device improves tissue survival to 100% - A new paradigm for future treatment

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