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12/07/2009 – This 14 y/o’s injuries were the result of getting caught in a boat propeller. He underwent an above the knee amputation of the left leg and an achilles tendon repair on the right and a rotation fasciocutaneous flap used to cover tendon due to missing overlying skin. Post-op infection required debridement of the flap distally. The infection was controlled but a large defect over tendon remained.

The remaining flap and wound edges were undermined, and two DermaClose™ RC devices were applied, one pulling the flap distally and the other pulling posteriorly. Daily dressing changes and an anterior splint were started. On day four we had early contact of the flap margins and the anterior fascia. Slight adjustments to the DermaClose™ RC were made and wound continued to heal.



Day 1



Day 4

On day seven, the wound was closed and the DermaClose™ RC were removed and the expanded flap was sutured in place for an additional week. The tendon healed without complication and the patient started weight bearing on day 30. He was fitted for a prosthetic and continues to progress nicely.



Day 7

