



## Case 2- The Problem

Neuroma Pain in Persons with Limb Amputation

# Financial Disclosure

- **Nothing to Disclose.**

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# Case 2 – The Problem

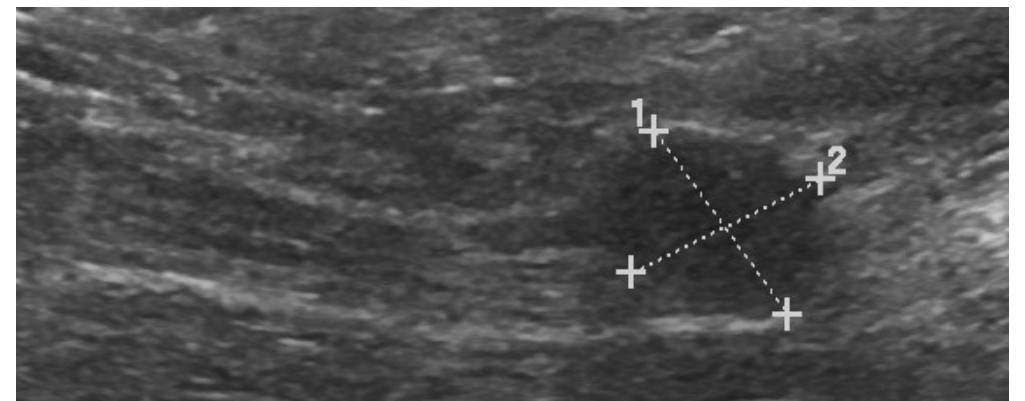
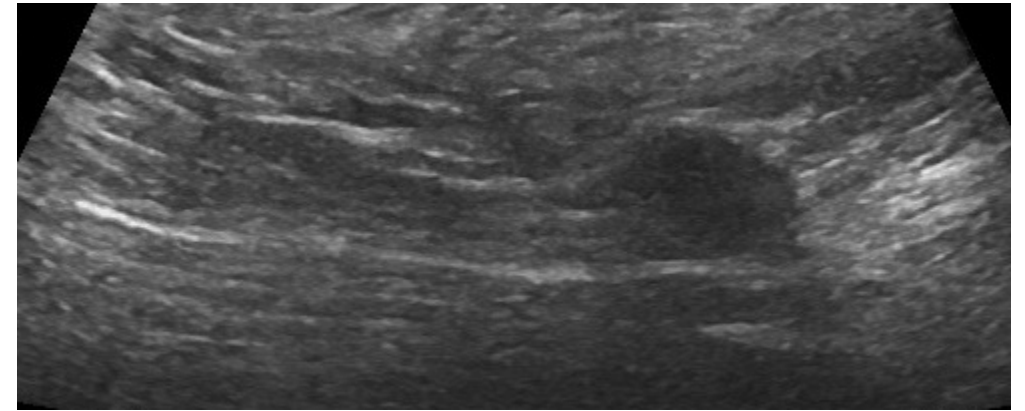
- 61 y/o woman with right trans femoral amputation and phantom pain
  - History of hepatitis C, diabetes, renal disease
  - Trans femoral amputation due to complications of diabetes 5/2011
  - Increasing phantom and residual limb pain > 10
  - Multiple medications for pain management
    - Hydrocodone/acetaminophen
    - Oxycodone
    - Gabapentin
    - Pregabalin
  - No prosthetic fit issues
    - Pain prevents wearing prosthesis

# Case 2 – The Problem

- 61 y/o woman with right trans femoral amputation and phantom pain
  - Physical Exam
    - Residual limb appears without problem
    - Local palpation of posterior mid residual limb
      - Small tender mass
      - Reproduces some of her phantom symptoms

# Case 2 – The Problem

- 61 y/o woman with right trans femoral amputation and phantom pain
  - Diagnostic evaluation with ultrasound
    - Sciatic neuroma identified
      - Transducer pressure → phantom
      - Ultrasound guided block → relief
        - Local & Steroid – hours only

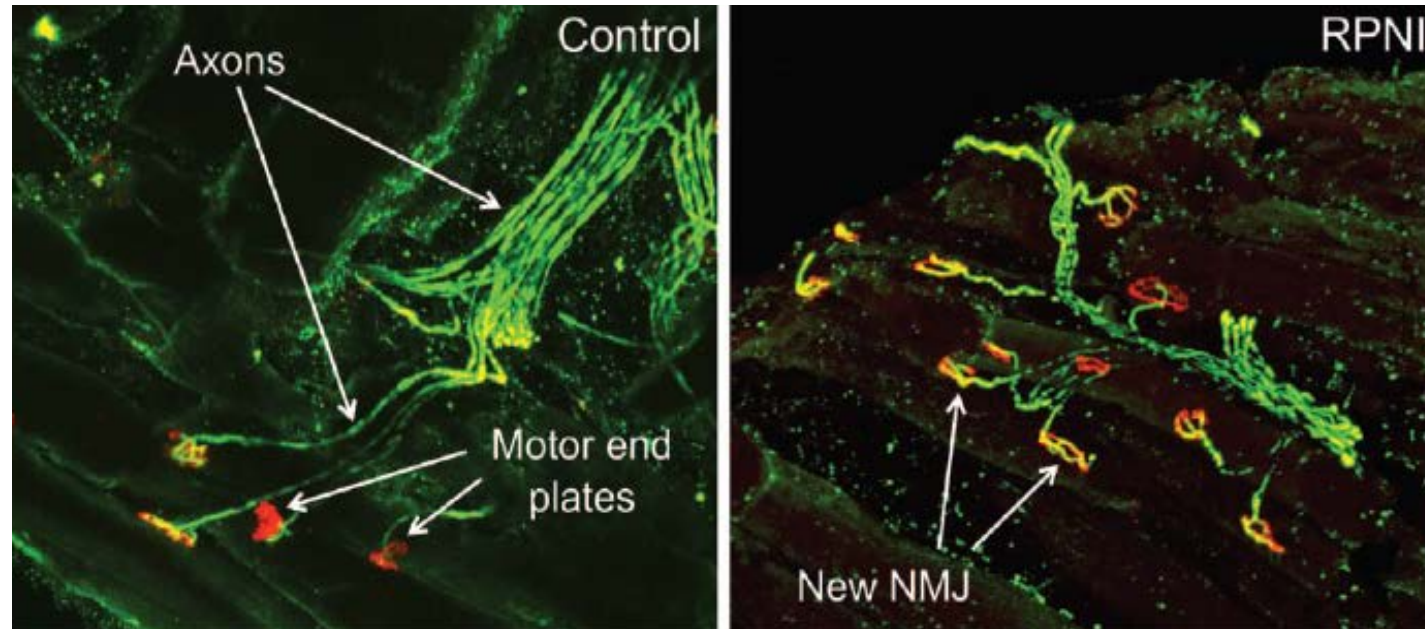


# Case 2 – The Problem

- 61 y/o woman with right trans femoral amputation and phantom pain
  - Treatment options
    - Adjust medications – didn't help
    - Surgery
      - Resect neuroma more proximally & bury in muscle
      - Targeted muscle reinnervation (TMR)
      - Possible new option – RPNI

# Case 2 – The Problem

- 61 y/o woman with right trans femoral amputation and phantom pain
  - Treatment options
    - Surgery – a possible new option RPNI



Courtesy: Dr. Paul Cederna



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