

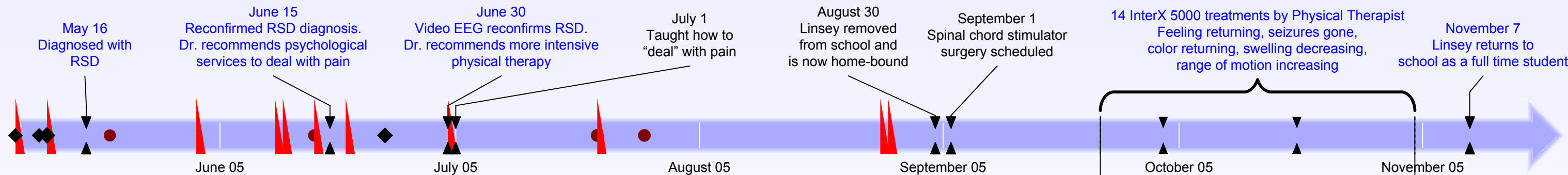
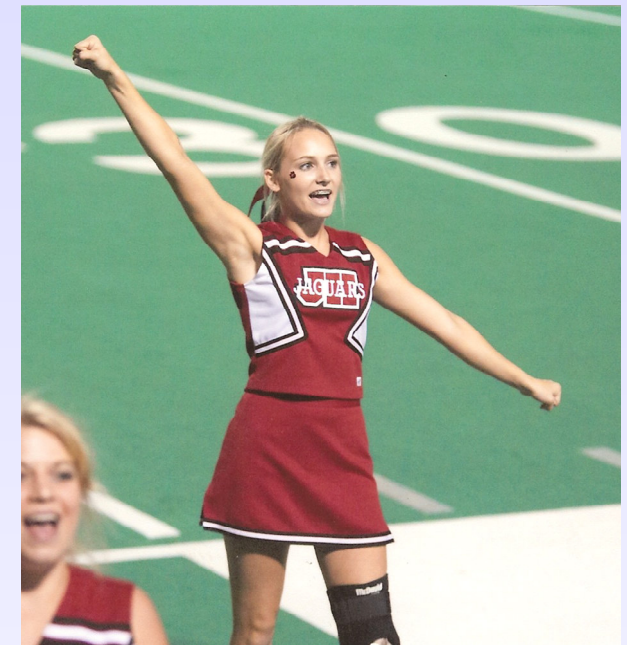
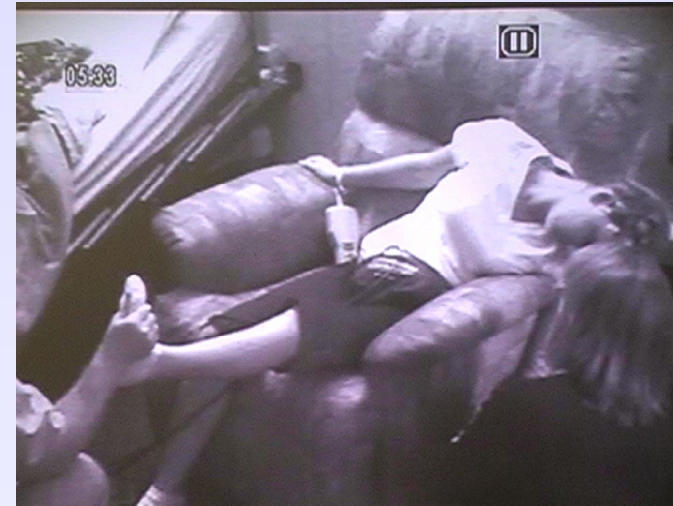


NEURO RESOURCE GROUP

# RSD Case Study

### Patient Summary

Patient is a 16 year old cheerleader with a previous knee injury. During cheerleading practice the patient broke her back trying to catch another cheerleader. Subsequently, her knee injury was re-aggravated and RSD developed.

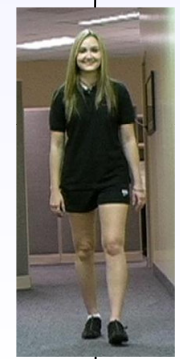


<b>Pain Related Seizures</b>	May 6, May 10, May 29, June 8, June 9, June 13, June 17, June 30, July 19, August 24, August 25
<b>Sympathetic Nerve Block</b>	May 18, June 13, July 19, July 25
<b>Diagnostics</b>	May 6: Head CT, EKG, Chest X-ray; May 9: Back MRI; May 10: Brain MRI, Echocardiogram, EEG, Doppler, Leg MRI; June 22: MRI of knee and back



September 29 Spinal chord stimulator surgery CANCELLED

October 16 All pain medications ELIMINATED



### Patient History

- August 30, 2004 - Patient experiences knee injury
- October 11, 2004 - Patient fractures back
- October - December 2004 - Patient wears back brace
- January 6, 2005 - Patient's L4 & L5 vertebrae's compress
- January 12, 2005 - Patient receives back surgery
- October 11, 2005 - Patient purchases an InterX 5000 for home use and is currently treating herself

### Potential Cost Savings

From the time of the patient's first pain related seizure on May 6, 2005, until she began receiving InterX 5000 treatment, her medical bills totaled **\$95,000**.

If the InterX 5000 was prescribed when RSD was first diagnosed on May 14, 2005, **\$52,000** in medical expenses related to nerve block injections and seizure related emergency costs could have been avoided.

The inclusion of the InterX 5000 into the patient's treatment for pain has eliminated the spinal cord simulator surgery scheduled for September of 2005 for an estimated savings of **\$30,000**.

### Prescription Drugs

- Starting in May of 2005, the patient was on 100mg per day of Neurontin.
- By June of 2005, Neurontin was increased to 900mg per day.
- By September of 2005, Hydrocodone/Ibuprofen and Concerta were added to her Neurontin for a monthly drug cost of **\$500**.
- By October 16 of 2005, during her InterX 5000 treatments, all medications were eliminated.

