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### Prognosis, Treatment, Recovery, and Future for a Collegiate Male with a Spinal Cord Injury: A Case Study

Bryanna Howard

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## Case Study

• August 4<sup>th</sup>, 2015

- Patient was 19 years old – Construction Accident
- Fell 3 stories off of a platform that was not tied down correctly
- The platform that fell rolled on top of him—causing the spine damage
- Patient airlifted to Renown Regional Medical Center in Reno, NV
  - Diagnostic Imaging performed
  - T-10-L-1 Complete Spinal Cord Injury
  - Surgery needed to repair damage
  - to the bony anatomy
  - \*\*note displacement from T-12 to L-1



- •Surgical Intervention – August 4<sup>th</sup>, 2015
  - Rods and Screws Placed • Rods placed on both sides of the
    - vertebrae • Screws were placed posteriorly to
    - the vertebral bodies

### •Things to Note about SCI

- First 48-72 hours are critical
- People can have spinal cord injuries without bony misalignment
- Skin care is crucial
- Because of lack of available movement

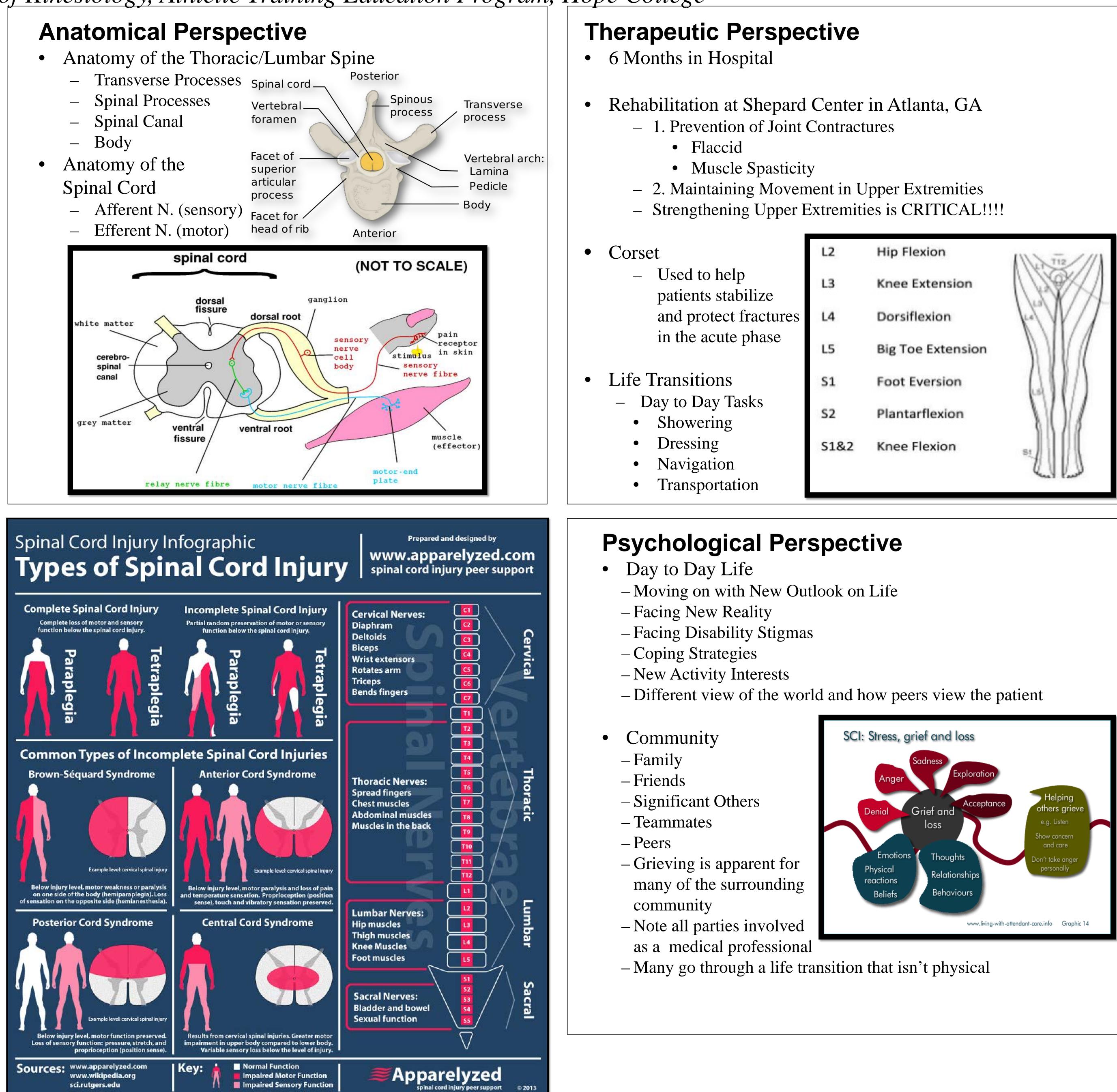


# Prognosis, Treatment, Recovery, and Future for a Collegiate Male with a Spinal Cord Injury: A Case Study

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• No radiological abnormality





L2	Hip Flexion	//// TI2/
L3	Knee Extension	NEX
L4	Dorsiflexion	1-1-
L5	<b>Big Toe Extension</b>	
<b>S1</b>	Foot Eversion	411
S2	Plantarflexion	11/1
S1&2	Knee Flexion	81
		4.41.5