



Non-Traumatic Diagnosis

1. Etiology (cause) of non-traumatic spinal cord injury:

Collect only the single etiology most responsible for their inpatient rehab admission (to be verified by a physiatrist)

- ☐ **Congenital/Genetic** (E.g. Arnold-Chiari Malformation, Skeletal malformations like Atlanto-axial dislocation/instability or osteogenesis imperfecta, Spinal Dysraphism like Myelomeningocele or Tethered cord syndrome, etc.)
- ☐ **Degenerative** (E.g. Spondylolisthesis, Spondylosis, Spinal stenosis, Disc prolapse, Ligamentum flavum hypertrophy, Ossification of the posterior longitudinal ligament, Spinal osteophytosis, causing spinal cord [not just nerve root] compression due to combination of multiple factors listed here)
- ☐ **Vascular disorders** (E.g. Haemorrhage, Vascular malformations, Ischaemia)
- ☐ **Inflammatory** (E.g. Transverse Myelitis)
- ☐ **Tumour - Benign**
- ☐ **Tumour - Malignant**
- ☐ **Infection** (e.g. epidural abscesses)
- ☐ **Other non-traumatic cause (specify):** _____
- ☐ **Unknown etiology**

2. Did the injury result in a spinal column injury? (Any disruption through the spinal column including the bony vertebral elements and their supporting ligaments, capsules, discs, and other supporting soft tissues. Please note: a participant may have a SCI [i.e., be eligible for RHSCIR] and no spinal column injury [e.g., spinal cord tumor or infection, stenosis, spondylosis].)

Spinal Column = bony vertebral elements and/or their supporting discs, ligaments, capsules, or other supporting soft tissues

- ☐ **Yes** (there IS an injury to the spinal column)
- ☐ **No** (there is NO injury to the spinal column; although there may be degenerative changes [i.e. stenosis, spondylosis] or tumor)

Medical History - Injury

3. Prior to this injury, did the participant ever have any of the following health conditions (either resolved or ongoing)?

(Check ALL that apply. Do not include anything that happened concurrently with the SCI. E.g., bone fracture)

- ☐ No health conditions prior to this injury (i.e., previously healthy)

a) Cardiovascular:

- ☐ Myocardial infarction (i.e., heart attack)
- ☐ Congestive heart failure (i.e., heart failure)
- ☐ Peripheral vascular disease (i.e., blockage of the peripheral vascular system in the legs)
- ☐ Cerebrovascular disease (i.e., disease/abnormality of the vascular system of the brain leading to a cerebrovascular accident (CVA) [e.g. stroke or hemorrhage, aneurysm, transient ischemic attack])
- ☐ Coronary artery disease

b) Lung Disease:

- ☐ Asthma
- ☐ Chronic lung disease (e.g., chronic obstructive pulmonary disease [including emphysema and chronic bronchitis], tuberculosis, etc.)
- ☐ Sleep Disordered Breathing (including obstructive sleep apnea)

c) Liver Disease:

- ☐ Liver disease (i.e., cirrhosis or serious liver damage [e.g. hepatitis])

With portal hypertension (with or without variceal bleeding), or chronic hepatitis?

- ☐ Yes
- ☐ No
- ☐ Unknown

d) Diabetes: (i.e., high blood sugar)

With end organ damage? (e.g., kidney or eye problems related to diabetes)

- ☐ Yes
- ☐ No
- ☐ Unknown

Has participant received some form of treatment for this problem?

- ☐ Yes
- ☐ No
- ☐ Unknown

If Yes, what type of treatment(s)? (check ALL that apply)

- ☐ Diet modification
- ☐ Medications taken by mouth (e.g., Metformin, Glyburide, Glipizide)
- ☐ Insulin injections
- ☐ Other (specify): _____

e) Cancer: (please check 'Any malignancy' if only "cancer" is documented in the medical record)

- ☐ Any malignancy (i.e., solid tumors without documented metastases; [e.g., breast, lung, etc.,])
- ☐ Leukemia (i.e., cancer of the white blood cells)
- ☐ Lymphoma (i.e., cancer of the lymphatic system)

Malignant?

- ☐ Yes
- ☐ No
- ☐ Unknown
- ☐ Metastatic solid malignancy (i.e., solid tumors with documented metastases [e.g. breast, lung, etc.,])

f) Psychiatric conditions:

- ☐ Depression/Mood problems
- ☐ Major psychiatric conditions (e.g., schizophrenia, bipolar disorder, etc.)
- ☐ Dementia (i.e., progressive or permanent deterioration of mental status [e.g., Alzheimer's disease] diagnosed in the past)

CHART ABSTRACTION

CI -InitialRHSCIR

Page 3 of 3

g) Other:

- ☐ Ulcer disease (i.e., gastric ulcer or peptic ulcer disease)
- ☐ Hemiplegia (i.e., difficulty moving an arm or a leg as a result of a cerebrovascular accident (CVA) or other condition)
- ☐ Kidney disease (e.g., poor kidney requiring haemodialysis, peritoneal dialysis, or kidney transplant)
- ☐ AIDS (i.e., the syndrome caused by the HIV virus characterized by the presence of an opportunistic infection such as pneumocystis carni or Kaposi's sarcoma [the presence of HIV is not a diagnosis of AIDS])
- ☐ Osteoarthritis/degenerative arthritis (i.e., a non-inflammatory type of arthritis in which one or many joints may undergo degenerative changes)
- ☐ Osteoporosis (i.e., abnormal loss of bone density)
- ☐ High blood pressure/hypertension (i.e., ongoing blood pressure readings that are higher than 140/90 mmHg [normal is 120/80 mmHg])
- ☐ Documented history of excessive alcohol intake/use (this may be found in the 'Social History' section of the consult notes)
- ☐ Bone fractures
- ☐ Connective tissue disease (e.g., rheumatoid arthritis, lupus)
- ☐ Pre-existing spinal cord injury
- ☐ None of the health conditions listed above (i.e., participant has a health condition not listed)

Interventions

- 4. Methylprednisolone/ Corticosteroids:** (at any point after injury)
- ☐ NASCIS II (Methylprednisolone or Solumedrol run as an infusion x 23 or 24 hrs)
- ☐ NASCIS III (Methylprednisolone or Solumedrol run as an infusion x 47 or 48 hrs)
- ☐ Other (specify): _____
- ☐ None
- 5. Was spine surgery performed for this injury?** (At any time)
- ☐ Yes
- ☐ No
- ☐ Unknown
- 6. Was the participant admitted to rehab with a tracheostomy?**
- ☐ Yes
- ☐ No

Data Collection Details

Collected by: (please print name)		Initial Here:		Date Abstraction Completed:	YYYY-MM-DD
---	--	----------------------	--	------------------------------------	------------