

**INTERNATIONAL SPINAL CORD INJURY DATA SETS
BOWEL FUNCTION BASIC DATA SET FORM**

Name:

Date performed:

Intervention Status:

Gastrointestinal or anal sphincter dysfunction unrelated to the spinal cord lesion:

No Yes, specify _____ Unknown

Surgical Procedures on the gastrointestinal tract:

No Yes, Appendicectomy, date performed _____
 Cholecystectomy, date performed _____
 Haemorrhoidectomy, date performed _____
 Colostomy, date last performed _____
 Ileostomy, date last performed _____
 Other, specify _____ Date _____

Awareness of the need to defecate (within the last four weeks):

Normal (direct)
 Indirect (For example: Abdominal cramping or discomfort - Abdominal muscle spasms-
 Spasms of lower extremities – Perspiration – Piloerection – Headache - Chills)
 None Unknown

Defecation method and bowel care procedures (within the last four weeks):

	Main	Supplementary
Normal defecation	<input type="checkbox"/>	<input type="checkbox"/>
Straining/bearing down to empty	<input type="checkbox"/>	<input type="checkbox"/>
Digital ano-rectal stimulation	<input type="checkbox"/>	<input type="checkbox"/>
Suppositories	<input type="checkbox"/>	<input type="checkbox"/>
Digital evacuation	<input type="checkbox"/>	<input type="checkbox"/>
Mini enema (Clyisma ≤150 ml)	<input type="checkbox"/>	<input type="checkbox"/>
Enema (>150 ml)	<input type="checkbox"/>	<input type="checkbox"/>
Colostomy	<input type="checkbox"/>	<input type="checkbox"/>
Sacral anterior root stimulation	<input type="checkbox"/>	<input type="checkbox"/>
Other method, specify _____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Unknown		

Average time required for defecation (within the last four weeks): *

0–5 min 6–10 min 11–20 min 21–30 min 31–45 min³ 46–60 min³
 61-90⁷ 91-120⁷ 121-180⁷ More than 180 min⁷ Unknown

Frequency of defecation (within the last four weeks): *

- Daily ⁽⁰⁾
 Every other day ⁽¹⁾
 Twice every week ⁽¹⁾ Once every week ⁽⁶⁾
 Less than once every week, but at least once within the last four weeks ⁽⁶⁾
 No defecation within the last four weeks ⁽⁶⁾ Not applicable Unknown

Uneasiness, headache or perspiration during defecation (within the last four weeks):*

- No ⁽⁰⁾ Yes ⁽²⁾ Unknown

Digital stimulation or evacuation of the anorectum (within the last four weeks): *

- Daily ⁽⁶⁾
 Once or more per week ⁽⁶⁾
 Less than once per week ⁽⁰⁾
 Never ⁽⁰⁾ Not applicable Unknown

Frequency of fecal incontinence (within the last four weeks):*

- Daily ⁽¹³⁾
 1-6 times per week ⁽⁷⁾
 1-4 times every month ⁽⁶⁾
 Less than once per month ⁽⁰⁾
 Never ⁽⁰⁾

Flatus incontinence (within the last four weeks):*

- No ⁽⁰⁾ Yes ⁽²⁾ Unknown

Need to wear diaper, pad or plug (within the last four weeks):

- No Yes Unknown

Oral laxatives (within the last four weeks):*

- No ⁽⁰⁾ Yes, osmotic laxatives (drops)
 Yes, osmotic or bulking laxatives (tablets or granulates)
 Yes, irritant laxatives (drops)
 Yes, irritant laxatives (tablets)
 Yes, prokinetics
 Yes, other, specify: _____ ⁽²⁾

(e.g., osmotic: lactulose, psyllium, magnesium, sorbitol; irritants: Bisacodyl (Dulcolax), sodium picosulfate (Prepopik))

- Unknown

Constipating agents / drugs against fecal incontinence (within the last four weeks):*

No ⁽⁰⁾ Yes ⁽⁴⁾ Unknown

Perianal problems (within the last year):*

No ⁽⁰⁾ Yes ⁽³⁾
 Haemorrhoids Perianal sores Fissures
 Other, specify _____ Unknown

Abdominal pain or discomfort (within the last four weeks):

Daily 1-6 times per week Once per week or less
 Never Unknown

General satisfaction with your bowel management:

0 1 2 3 4 5 6 7 8 9 10

(Total dissatisfaction = 0 / Perfect satisfaction = 10)

Impact of your bowel management on your daily life:

0 1 2 3 4 5 6 7 8 9 10

(Total disruption = 0 / No impact whatsoever = 10)

General Comments / Other Relevant Information:

Total NBD Score:

0-6 Very minor
 7-9 Minor
 10-13 Moderate
 14 or more Severe neurogenic bowel dysfunction

* Items used for computation of the NBD score.

Adapted (Nov. 2013; edited July 2018) by C.H. Hubscher from:

K. Krogh et al. (2017) Spinal Cord 55: 692–698 (version 2)

K. Krogh et al. (2009) Spinal Cord 47: 230-234.

K. Krogh et al. (2006) Spinal Cord 44:625-631