**Supplemental Table 7.** Scoring of IMPACT Bowel Function SF

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| Score | What is being measured |  Question Number | Location in IMPACT | Final Scoring Recommendation |
| Bristol Scale | Tyle of Stools | 1 | 1 | Report Type |
| Wexner Score | Solid fecal incontinence frequency | 1 (solid incontinence) =0  | 8a =No | Wexner Q1: Highest answer to 8a |
| 1 (solid incontinence) =1 | 8a frequency = rarely |
| 1 (solid incontinence) =2 | 8a frequency =sometimes |
| 1 (solid incontinence) =3 | 8a frequency =weekly |
| 1 (solid incontinence) =4 | 8a frequency =daily |
| Liquid fecal incontinence frequency |  2 (liquid incontinence) =0 | 8b=No | Wexner Q2: Highest answer to 8b |
| 2 (liquid incontinence) =1 | 8b frequency = rarely |
| 2 (liquid incontinence) =2 | 8b frequency =sometimes |
| 2 (liquid incontinence) =3 | 8b frequency =weekly |
| 2 (liquid incontinence) =4 | 8b frequency =daily | Wexner Q3: Highest answer to 8c |
| Flatal fecal incontinence frequency | 3 (gas incontinence) =0 | 8c=No |
| 3 (gas incontinence) =1 | 8c frequency = rarely |
| 3 (gas incontinence) =2 | 8c frequency =sometimes |
| 3 (gas incontinence) =3 | 8c frequency =weekly |
| 3 (gas incontinence) =4 | 8c=No |
| Pad usage frequency | 4 (pad) =0 | 8d=never | Wexner Q4: Highest answer to 8d |
| 4 (pad) =1 | 8d frequency =rarely |
| 4 (pad) =2 | 8d frequency =sometimes |
| 4 (pad) =3 | 8d frequency =weekly |
| 4 (pad) =4 | 8d frequency =daily |
| Lifestyle alterations frequency | 5 (lifestyle) =0 | 8f frequency =never | Wexner Q5: Highest answer to 8f |
| 5 (lifestyle) =1 | 8f frequency =rarely |
| 5 (lifestyle) =2 | 8f frequency =sometimes |
| 5 (lifestyle) =3 | 8f frequency =weekly |
| 5 (lifestyle) =4 | 8f frequency =daily |
| St Marks FI Score | Solid fecal incontinence frequency | 1 (solid incontinence) =0  | 8a =No | SMFIS Q1: Highest answer to 8a |
| 1 (solid incontinence) =1 | 8a frequency = rarely |
| 1 (solid incontinence) =2 | 8a frequency =sometimes |
| 1 (solid incontinence) =3 | 8a frequency =weekly |
| 1 (solid incontinence) =4 | 8a frequency =daily |
| Liquid fecal incontinence frequency |  2 (liquid incontinence) =0 | 8b=No | SMFIS Q3: Highest answer to 8b |
| 2 (liquid incontinence) =1 | 8b frequency = rarely |
| 2 (liquid incontinence) =2 | 8b frequency =sometimes |
| 2 (liquid incontinence) =3 | 8b frequency =weekly |
| 2 (liquid incontinence) =4 | 8b frequency =daily |
| Flatal fecal incontinence frequency | 3 (gas incontinence) =0 | 8c=No | SMFIS Q3: Highest answer to 8c |
| 3 (gas incontinence) =1 | 8c frequency = rarely |
| 3 (gas incontinence) =2 | 8c frequency =sometimes |
| 3 (gas incontinence) =3 | 8c frequency =weekly |
| 3 (gas incontinence) =4 | 8c frequency =daily |
| Lifestyle alteration frequency | 4 (lifestyle) =0 | 8f frequency=never | SMFIS Q4: Highest answer to 8f |
| 4(lifestyle) =1 | 8f frequency =rarely |
| 4 (lifestyle) =2 | 8f frequency =sometimes |
| 4 (lifestyle) =3 | 8f frequency =weekly |
| 4 (lifestyle) =4 | 8f frequency =daily |
| Pad usage  | 5 (pad)=0 | 8d frequency =never | SMFIS Q5: Dichotomize 8 d |
| 5 (pad)=2 | 8d 8f frequency = not never |
| Constiation meds usage for symptoms | 6(meds) =0 | 8e=no | SMFIS Q6: Dichotomize 8e |
| 6(meds) =2 | 8e=yes |
| Presence of urgency | 7 (urge) -0 | 9=no | SMFIS Q7: Dichotomize9 |
| 7 (urge)=4 | 9=yes |
| Colorectal Anal Distress Inventory 8(CRADI-8)  | Presence of straining and the degree of bother | 1(straining)=0 | 5=no | CRADI8 Q1: Highest answer to 5c impact  |
| 1(straining)=1 | 5c impact =not  |
| 1(straining)=2 | 5c impact =little or somewhat |
| 1(straining)=3 | 5c impact =very |
| 1(straining)=4 | 5c impact =extremely |
| Presence of incomplete emptying and the degree of bother | 2(emptying)=0 | 6=no | CRADI8 Q2: Highest answer to 6c impact |
| 2 (emptying) )=1 | 6c impact =not  |
| 2(emptying 2 | 6c impact =little or somewhat  |
| 2(emptying)=3 | 6c impact=very |
| 2(emptying)=4 | 6c impact=extremely |
| Presence of ssolid fecal incontinence and the degree of bother | 3 (solid incontinence) =0  | 8a=no | CRADI8 Q3: Highest answer to 8a impact |
| 3 (solid incontinence) =1 | 8a impact =not  |
| 3 (solid incontinence) =2 | 8a impact = t little or somewhat  |
| 3 (solid incontinence) =3 | 8a impact = very |
| 3 (solid incontinence) =4 | 8a impact = extremely |
| Presence of liquid fecal incontinence and the degree of bother | 4 (liquid incontinence) =0 | 8b=no | CRADI8 Q4: Highest answer to 8b impact |
| 4 (liquid incontinence) =1 | 8b impact =not  |
| 4 (liquid incontinence) =2 | 8b impact = t little or somewhat  |
| 4 (liquid incontinence) =3 | 8b impact = very |
| 4 (liquid incontinence) =4 | 8b impact = extremely |
| Presence of flatal fecal incontinence and the degree of bother | 5(gas incontinence) =0 | 8c=no | CRADI8 Q5: Highest answer to 8c impact |
| 5 (gas incontinence) =1 | 8c impact =not  |
| 5 (gas incontinence) =2 | 8c impact = t little or somewhat  |
| 5 (gas incontinence) =3 | 8c impact = very |
| 5 (gas incontinence) =4 | 8c impact = extremely |
| Presence of pai with defecation and the degree of bother | 6 (painful BM) = 0 | 10 = no | CRADI 9 Q6: Highest answer to 10 suffering |
| 6 (painful BM) = 1 | 10 suffering = none |
| 6 (painful BM) = 2 | 10 suffering = mild or somewhat |
| 6 (painful BM) = 3 | 10 suffering = severe |
| 6 (painful BM) = 4 | 10 suffering = extremely severe |
|  | 7 (urgency) =0 | 9=no | CRADI Q5: highest answer to 9 |
| 7 (urgency) =1 | 9=not botheresome |
| 7 (urgency) =2 | 9=a little or somewhat |
| 7 (urgency) =3 | 9 = very |
| 7 (urgency) =4 | 9= extremely |
| Prolapse rectum//rectocele presence and degree of bother | 8 (buldge)= 0 | 11 =no | CRADI Q 8: : highest answer to 11 |
| 8 (buldge)= 1 | 11 =not botheresome |
| 8 (buldge)= 2 | 11 = a little or somewhat |
| 8 (buldge)= 3 | 11 = very |
| 8 (buldge)= 4 | 11 = extremely |
| Constipation Severity Instrument:  | Incomplete bowel movements frequency | CSI 1=0 | 6=no | CSI Q1a: highest 6 frequency |
| CSI 1a =1 |  6 frequency = occasionally |
| CSI 1a =2 | sometimes |
| CSI 1a =3 |  6 frequency = usually  |
| CSI 1a =4 | 6 frequency = always |
| Incomplete bowel movements severity | CSI 1b =0 | 6 severity = not | CSI Q1b: highest 6 severity |
| CSI 1b =1 | 6 severity = mild |
| CSI 1b =2 | 6 severity = somewhat |
| CSI 1b =3 | 6 severity = severe |
| CSI 1b=4 | 6 severity – extremely severe |
| Incomplete bowel movements bother | CSI 1c =0 | 6c impact =not  | CSI Q1c: highest 6 impact |
| CSI 1c =1 | 6c impact =little  |
| CSI 1c =2 | 6c impact=somewhat |
| CSI 1c =3 | 6c impact=very |
| CSI 1c=4 | 6c impact =extremely |
| Straining/difficulty emptying frequency | CSI 2a=0 | 5=no | CSI 2a: highest 5 frequency |
| CSI 2a =1 |  5 frequency = occasionally |
| CSI 2a =2 | sometimes |
| CSI 2a =3 |  5 frequency = usually  |
| CSI 2a =4 | 5 frequency = always |
| Straining/difficulty emptying severity | CSI 2b=0 | 5 severity = not | CSI Q2b: highest 5 severity |
| CSI 2b=1 | 5 severity = mild |  |
| CSI 2b=2 | 5 severity = somewhat |  |
| CSI 2b=3 | 5 severity = severe |  |
| CSI 2b=4 | 5 severity – extremely severe |  |
|  | CSI 2c =0 | 5c impact =not  | CSI Q2c: highest 5 impact |
| CSI 2c =1 | 5c impact =little  |
| CSI 2c =2 | 5c impact=somewhat |
| CSI 2c =3 | 5c impact=very |
| CSI 2c=4 | 5c impact =extremely |
| Frequency of difficult bowel movements | CSI 3=0 | 2=No | CSI 3: highest 2 frequency |
| CSI 3=1 | 2=daily |
| CSI 3 =2 | 2= a few/week |
| CSI 3=3 | 2 = once/week |
| CSI 3 =4 | 2 = once every 2 weeks |
| CSI 3 =5 |  2= once a month |  |
| Incomplete bowel movements Presence and Frequency | CSI 4a=0 | 3=no | CSI Q4a: highest 3 frequency |
| CSI 4a =1 |  3 frequency = occasionally |
| CSI 4a =2 | sometimes |
| CSI 4a =3 |  3 frequency = usually  |
| CSI 4a =4 | 3 frequency = always |
| Incomplete bowel movements severity | CSI 4b=0 | 3 severity = not | CSI Q2b: highest 3 severity |
| CSI 4b=1 | 3 severity = mild |
| CSI 4b=2 | 3 severity = somewhat |
| CSI 4b=3 | 3 severity = severe |
| CSI 4b=4 | 3 severity – extremely severe |
| Incomplete bowel movements degree of bother | CSI 4c =0 | 3c impact =not  | CSI Q2b: highest 3 severity |
| CSI 4c =1 | 3 impact =little  |
| CSI 4c =2 | 3 impact=somewhat |
| CSI 4c =3 | 3 impact=very |
|  | CSI4c=4 | 3 impact =extremely |  |
| Lack of urge to defecate presence and severity  | CSI 5a=0 | 4=not present | CSI Q5a: highest 4 severity |
| CSI 5a=1 | 4 severity = not severe |
| CSI 5a=2 | 4 severity = mild |
| CSI 5a=3 | 4 severity = somewhat severe |
| CSI 5a=4 | 4 severity = severe |
|  | CSI5a=5 | 4 severity = extremely severe |
| Lack of urge to defecate bother | CSI 5b=0 | 4 = no | CSI Q5b: highest 4 impact |
| CSI 5b=1 | 4 mpact =not  |
| CSI 5b=2 | 4 impact =little  |
| CSI 5b=3 | 4 impact=somewhat |
| CSI 5b=4 | 4 impact=very |
| CSI 5b=5 | 4 impact =extremely |
| Pain with Defecation: Presence and Severity During Last Month  | CSI 6=0 | 10 last month = not experienced | CSI 6: highest 10 last month |
| CSI 6=1 | 10 last month = mild |
| CSI 6 =2 | 10 last month = somewhat severe |
| CSI 6=3 | 10 last month severe |
| CSI 6 =4 | 10 last month extremely severe |
| Pain with Defecation: Presence and Severity at Present Time | CSI 7=0 | 10 at present = no pain | CSI 7: highest 10 at present |
| CSI 7=1 | 10 at present = mild |
| CSI7 =2 | 10 at present = = somewhat severe |
| CSI 7=3 | 10 at present = severe |
| CSI 7=4 | 10 at present = extremely severe |
| Degree of suffering due to pain with defecation  | CSI 8=0 | 10 suffering = none | CSI 8: highest 10 impact |
| CSI 8=1 | 10 suffering = mild  |
| CSI 8 =2 | 10 suffering = somewhat severe |
| CSI 8=3 | 10 suffering = severe |
| CSI 8=4 | 10 suffering = extremely severe |
| Bleeding during or after defecation  | CSI 9=0 | 12= never | CSI 9: highest 12 |
| CSI 9=1 | 12 = rarely |
| CSI 9 =2 | 12= occasionally |
| CSI 9=3 | 12= usually |
| CSI 9=4 | 12=always  |
| Patient Assessment of Constipation (PAC-SYM) | Discomfort in abdomen | PAC-SYM 1 =0  | 7a=absent | PAC-SYM 1: highest 7a |
| PAC-SYM 1 =1  | 7a=mild |
| PAC-SYM 1 =2  | 7a=moderate |
| PAC-SYM 1 =3  | 7a=severe |
| PAC-SYM 1 =4  | 7a=very severe |
| Pain in abdomen | PAC-SYM 2 =0  | 7b=absent | PAC-SYM 2: highest 7b |
| PAC-SYM 2 =1  | 7b=mild |
| PAC-SYM 2 =2  | 7b=moderate |
| PAC-SYM 2 =3  | 7b=severe |
| PAC-SYM 2=4  | 7b=very severe |
| Bloating in abdomen | PAC-SYM 3 =0  | cb=absent |  PAC-SYM 2: highest 7c |
|  | PAC-SYM 3 =1  | 7c=mild |
|  | PAC-SYM 3 =2  | 7c=moderate |
|  | PAC-SYM 3 =3  | 7c=severe |
|  | PAC-SYM 3=4  | 7c=very severe |
| Stomach cramps | PAC-SYM 4=0  | 7d=absent |  PAC-SYM 4: highest 7d |
|  | PAC-SYM 4=1  | 7d=mild |
|  | PAC-SYM 4=2  | 7d=moderate |
|  | PAC-SYM 4 =3  | 7d=severe |
|  | PAC-SYM 4 =4  | 7d=very severe |

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|  | Painful bowel movements | PAC-SYM 5=0  | 10 last month = none | PAC-SYM 5: highest 10 last month |
|  | PAC-SYM 5=1  | 10 last month =mild |
|  | PAC-SYM 5=2  | 10 last month = somewhat severe |
|  | PAC-SYM 5 =3  | 10 last month = severe |
|  | PAC-SYM6 =4  | 10 last month = extremely severe |

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|  | Burning before or after defecation | PAC-SYM 6=0  | 7e=absent | PAC-SYM 6: highest 7e |
|  | PAC-SYM 6=1  | 7e=mild |
|  | PAC-SYM 6=2  | 7e=moderate |
|  | PAC-SYM 6=3  | 7e=severe |
|  | PAC-SYM 6 =4  | 7e=very severe |
| Bleeding with defecation and its frequency | PAC-SYM 7=0  | 12= never | PAC-SYM 6: highest 12 |
| PAC-SYM 7=1  | 12 = rarely |
| PAC-SYM 7=2  | 12= occasionally |
| PAC-SYM 7=3  | 12= usually |
| PAC-SYM 7 =4  | 12=always  |
| Incomplete bowel movements presence and frequency | PAC-SYM 8=0  | 3=no | PAC-SYM 8: highest 3 |
| PAC-SYM 8=1  |  3 frequency = occasionally |
| PAC-SYM 8=2  | sometimes |
| PAC-SYM 8=3  |  3 frequency = usually  |
| PAC-SYM 8 =4  | 3 frequency = always |

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|  | Bowel movements too hard | PAC-SYM 9=0  | 7f=absent | PAC-SYM 9: highest 7f |
| PAC-SYM 9=1  | 7f=mild |
| PAC-SYM 9=2  | 7f=moderate |
| PAC-SYM 9=3  | 7f=severe |
| PAC-SYM 9 =4  | 7f=very severe |

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|  | Bowel movements too small  | PAC-SYM 10=0  | 7g=absent | PAC-SYM 10: highest 7g |
| PAC-SYM 10=1  | 7g = mild |
| PAC-SYM 10=2  | 7g=moderate |
| PAC-SYM 10=3  | 7g=severe |
| PAC-SYM 10 =4  | 7g=very severe |

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|  | Straining to pass bowel movement presence and severity | PAC-SYM 11=0  | 5 severity = none | PAC-SYM 11: highest 5 severity |
| PAC-SYM 11=1  | 5 severity = mild  |
| PAC-SYM 11=2  | 5 severity = somewhat severe  |
| PAC-SYM 11=3 | 5 severity = severe |
| PAC-SYM 11=4  |  5 severity = extremely severe |
| Feeling like you had to pass a bowel movement but could not severity  | PAC-SYM 12=0  | 7h=absent | PAC-SYM 12: highest 7h |
| PAC-SYM 12=1  | 7h = mild |
| PAC-SYM 12=2  | 7h=moderate |
| PAC-SYM 12=3  | 7h=severe |
| PAC-SYM 12=4  | 7h=very severe |
| FDA Required Additional Fecal Incontinence Descriptors | Extent of solid fecal incontinence |  | 8a severity = none8 a severity = stain8 a severity =more than stain8 a severity =entire bowel movement |  |
| Extent of liquid fecal incontinence |  | 8b severity = none8 b severity = stain8b severity =more than stain8 b severity =entire bowel movement |  |