

**QUALITY CONTROL EXERCISE
DETERMINING MAJOR vs. MINOR ERRORS**

ASSIGNMENT

Your central registry is developing a reliability study on colon cancer staging. It is your responsibility to develop the major-minor errors table for this study. Using the Collaborative Staging schema for colon, decide how to group the codes in CS Extension, CS Lymph Nodes, and CS Mets at Dx to derive Summary Stage 2000 major and minor errors.

ANSWER

**Table of Collaborative Staging Codes for Major and Minor Errors
for Summary Stage 2000—Colon**

Summary Stage	CS Extension— Major Error	CS Lymph Nodes— Major Error	CS Mets at Dx—Major Error	CS Extension— Minor Error	CS Lymph Nodes— Minor Error	CS Mets at Dx—Minor Error
0 In situ	00-05 vs any of 10-95, 99	00 vs any of 10-80, 99	00 vs any of 08-50, 99	00 vs 05	--	--
1 Localized	10-40 vs any of 00-05, 42- 80, 95-99	00 vs any of 10-80, 99	00 vs any of 08-50, 99	Any within 10-40	--	--
2 Regional direct extension	42-66 vs any of 00-40, 70- 80, 95-99	00 vs any of 10-80, 99	00 vs any of 08-50, 99	Any within 42-66	--	--
3 Regional lymph nodes only	00-40 vs any of 42-80, 95- 99	10-80 vs 00, 99	00 vs any of 08-50, 99	Any within 00-40	Any within 10-80	--
4 Regional nodes and extension	42-66 vs any of 00-40, 70- 80, 95-99	10-80 vs 00, 99	00 vs any of 08-50, 99	Any within 42-66	Any within 10-80	--
7a Distant	70-80 vs 00- 66, 95-99	--	--	Any within 70-80	Any within 00-99	Any within 00-99
7b Distant	--	--	08-50 vs 00, 99	Any within 00-99	Any within 00-99	Any within 08-50
9a Unstageable	95-99 vs 00- 80	00, 99 vs 10-80	00, 99 vs 08-50	95 vs 99	00 vs 99	00 vs 99
9b Unstageable	95-99 vs 00- 80	99 vs 00-80	00, 99 vs 08-50	95 vs 99	--	00 vs 99
9c Unstageable	95-99 vs 00- 80	00, 99 vs 10-80	99 vs 00-50	95 vs 99	00 vs 99	--

Look at the Summary Stage 2000 mapping column for CS Extension, CS Lymph Nodes and CS Mets at Dx. This column groups the CS codes in the table.

In situ	CS Ext 00, 05
Localized	CS Ext 10-40
Regional Extension	CS Ext 42-66
Distant Extension	CS Ext 70-80
Extension unknown	CS Ext 95, 99

Regional Nodes	CS LN 10-80
Unknown if Nodes	CS LN 99

Distant	CS Mets 08-50
Unknown if distant	CS Mets 99

Note: Within any of these ranges, a difference in codes is a minor error.

In the table above, the shaded cell determines the summary stage for that row.

For codes 0, 1 and 2, both CS Lymph Nodes and CS Mets at Dx must be negative.

For Code 4, Regional Nodes and Extension, both Regional Extension in CS Extension and positive Regional Nodes must be present.

For Code 7, distant can be determined either through CS Extension or CS Mets at Dx.

For Code 9, unstageable can be determined by an unknown value in CS Extension or CS Lymph Nodes or CS Mets at Dx if there is no more specific information in any of the other fields.