Case #	Multiple Primary		Histology			
	Rationale and Process	**MP**	**Rationale and Process 1**	**Code 1**	**Rationale and Process 2**	**Code 2**
Practice Case	**Rationale:** Multiple tumors with histology codes that are different at the third character	Yes	**Rationale:** Final diagnosis: one histology	8550/3	**Rationale:** Final diagnosis: Neuroendocrine (carcinoid)	8240/3
	Process: Use the **Multiple Tumors** module**.** Start at M3, stop at M11, multiple primaries.		**Process:** Use **Single Tumor** module**.** Start with H1, stop at H3 (or H5 and use Chart 1).		**Process:** Use **Single Tumor** module. Start with H1 stop at H5. Use Chart 1.	
1	**Rationale:** There is a single tumor in the right lung and a single tumor in the left lung	Yes	**Rationale:** Right Final diagnosis pathology report #1 – one histology	8250/3	**Rationale:** Left Final diagnosis pathology report #2 – one histology	8550/3
	Process: Use the **Multiple Tumors** module**.** Start with M3 and stop at M6 multiple primaries		**Process:** Use **Single Tumor** module. Start at H1 stop at H3.		**Process:** Use **Single Tumor** module. Start with H1, stop at H3 (or H5 and use Chart 1).	
2	**Rationale:** There is a single tumor in the right lung and a single tumor in the left lung	Yes	**Rationale:** Right Code from pathology final diagnosis	8012/3	**Rationale:** Left Code from physician reference to "cancer"	8000/3
	Process: Use the **Multiple Tumors** module**.** Start with M3 and stop at M6 multiple primaries		**Process:** Use **Single Tumor** module. Start with H1, stop at H3		**Process:** Use **Single Tumor** module. Start and stop with H1.	
3	**Rationale:** Lymph nodes positive for metastatic lung carcinoma. No information about number of tumor(s) in lung(s).	No	**Rationale:** No cytology/pathology from primary site	8045/3	**Rationale:**	
	Process: Use the **Unknown if Single or Multiple Tumors** module. Start and stop with M1, single primary.		**Process:** Use **Single Tumor** module. Start with H1, stop at H2. Code from lymph node biopsy. Use single tumor module again. Stop at H3 (or H6 and Table 1).		**Process:**	
4	**Rationale:** There is a single tumor in the right lung and a single tumor in the left lung.	Yes	**Rationale:** Left Code from final diagnosis on pathology #1	8072/3	**Rationale:** Right Code from final diagnosis on pathology #2	8072/3
	Process: Use the **Multiple Tumors** module**.** Start with M3 and stop at M6 multiple primaries		**Process:** Use **Single Tumor** module. Start with H1, stop at H3 (H5 and use Chart 1).		**Process:** Use **Single Tumor** module. Start with H1, stop at H5 and use Chart 1.	

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	Rationale and Process	MP	Rationale and Process 1	Code 1	Rationale and Process 2	Code 2	
5	**Rationale:** Determine whether or not the 2007 diagnosis is a subsequent primary using the 2007 MP/H rules.	Yes (2001 and 2007)	**Rationale:** 2007 Pathology report not available. Code from reference to pathology findings	8140/3	**Rationale:**		
	Process: Use the **Multiple Tumors** module. Start with M3, stop at M8, multiple primaries.		**Process:** Use **Single Tumor** module. Start and stop with H1.		**Process:**		
6	**Rationale**: It is not stated whether or not the biopsies were taken from the same or separate masses. The number of tumors is not stated.	No	**Rationale** Use the priority rules (in general instructions), Code from the pathology report, final diagnosis (B)	8260/3	**Rationale:**		
	Process: Use **Unknown if Single or Multiple Tumors** module. Start and stop with M1, single primary		**Process:** Use **Single Tumor** module. Start with H1, stop at H3		**Process:**		
7	**Rationale:** There is a single tumor in the right lung and a single tumor in the left lung.	Yes	**Rationale:** Right Code from the final diagnosis on pathology report #1	8070/3	**Rationale:** Left Code from the final diagnosis on pathology report #2	8070/3	
	Process: Use the **Multiple Tumors** module**.** Start with M3 and stop at M6 multiple primaries		**Process**: Use **Single Tumor** module. Start with H1, stop at H3		**Process:** Use **Single Tumor** module. Start with H1, stop at H3		
8	**Rationale:** Multiple tumors in the right lung, adenocarcinoma and squamous cell carcinoma	Yes	**Rationale:** Adenocarcinoma Code from the final diagnosis, RLL and RUL	8140/3	**Rationale:** Squamous Code from the final diagnosis, RUL	8071/3	
	Process: Use the **Multiple Tumors** module. Start with M3, stop at M11, multiple primaries Adenocarcinomas: Use the **Multiple Tumors** module. Start with M3, stop at M12, single primary.		**Process:** Use **Multiple Tumor** module. Start with H8, stop at H10 (or H12 and use Chart 1)		**Process:** Use **Single Tumor** module. Start with H1, stop at H5 and use Chart 1		
9	**Rationale:** Single tumor	No	**Rationale:** Code from most representative specimen, pathology report #2	8253/3	**Rationale:**		
	Process: Use **Single Tumor** module. Start and stop with M2, single primary.		**Process:** Use **Single Tumor** module. Start with H1, stop at H3.		**Process:**		

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	Rationale and Process	MP	Rationale and Process 1	Code 1	Rationale and Process 2	Code 2
10	**Rationale:** Single tumor **Process:** Use **Single Tumor** module. Start and stop with M2, single primary.	No	**Rationale:** Code from the pathology report. The neoadjuvant therapy will not affect histology **Process:** Use **Single Tumor** module. Start with H1, stop at H5.	8560/3	**Rationale:** **Process:**	