Case # **Primary Data Item Name Preferred Answer** Rationale Different laterality (skin, left foot and skin, right thigh) Yes Is this a multiple primary? Yes/No Melanoma 1 Skin, left foot - Code the most specific histologic term **Primary 1** Histologic Type 8744/3 Acral lentiginous melanoma when the diagnosis is melanoma, NOS with a single specific type ("with features of") **Primary 2** Histologic Type 8743/3 Skin, right thigh - Code the invasive component when Superficial spreading invasive and in situ melanoma are present. Code the most specific histologic term when the melanoma diagnosis is melanoma, NOS with a single specific type ("type") Unknown whether single or multiple melanomas on No Is this a multiple primary? Yes/No scalp, default to single melanoma and single primary. Melanoma 2 Primary 1 Histologic Type 8772/3 Skin, scalp - Code the histology with the numerically higher ICD-O-3 code as "type" and "with features" Spindle cell melanoma, NOS allows inclusion of all terms used to describe tumor Yes Different laterality (skin, left back and skin, right Is this a multiple primary? Yes/No back). *Note:* Upper and lower cannot be used to Melanoma 3 determine single versus multiple primary. Histologic Type Skin, left back - Amended Final Diagnosis supersedes **Primary 1** 8720/2 Melanoma in situ the Final Diagnosis Histologic Type Skin, right back - Amended final diagnosis supersedes 8743/2 Primary 2 Superficial spreading the final diagnosis melanoma, in situ Sites with ICD-O-3 topography codes that are Yes Is this a multiple primary? Yes/No different at the fourth digit (skin, abdomen C44.5 and Melanoma 4 skin, thigh C44.7) Skin, left abdomen - Single histology **Primary 1** Histologic Type 8720/2 Melanoma, in situ Skin, left thigh - Single histology – Code the specific **Primary 2** Histologic Type 8761/3 8761/2 Melanoma arising in type (single histology). Do not code "features of congenital melanocytic nevus regression" when a specific melanoma is documented No Single melanoma Is this a multiple primary? Yes/No Melanoma 5 Primary 1 Histologic Type 8772/3 Skin, left trunk - Code the histology with the numerically higher ICD-O-3 code. Do not code Spindle cell melanoma, NOS "pattern" for invasive melanoma.

Answers and Rationale Melanoma

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Melanoma 6	Is this a multiple primary? Yes/No		No	Single melanoma
	Primary 1	Histologic Type	8721/3 Malignant melanoma, nodular	Skin, scalp - Code the specific type of melanoma (nodular). Do not code spindle cell because "variant" is not coded.
Melanoma 7	Is this a multiple primary? Yes/No		No	Two melanomas, same site, same laterality, same histology (skin, left shin). Use multiplicity counter to record number of tumors abstracted as single primary.
	Primary 1	Histologic Type	8720/2	Skin, left shin - Code 8720/2 from final diagnosis. "with evidence of regression" is not coded – was mentioned only in microscopic description.
Melanoma 8	Is this a multiple primary? Yes/No		No	Single melanoma
	Primary 1	Histologic Type	8730/3 Amelanotic melanoma	Skin, neck - Code from the biopsy because it is the most representative specimen. Code the histologic type (amelanotic) when the diagnosis is lentigo maligna melanoma and a histologic type
Melanoma 9	Is this a multiple primary? Yes/No		No	Single melanoma
	Primary 1	Histologic Type	8723/3 Malignant melanoma, regressing	Skin, right chest - Code from the biopsy because it is the most representative specimen. Code regression only when there is no other specific melanoma type noted. There is not a code in ICD-O-3 for nevoid type melanoma.
Melanoma 10	Is this a multiple primary? Yes/No		Yes	Melanomas with ICD-O-3 histology codes that are different at the third number are multiple primaries.
	Primary 1	Histologic Type	8720/2 Melanoma in situ	Skin, abdomen - Single histology
	Primary 2	Histologic Type	8743/3 Superficial spreading melanoma	Skin, back - Code the most specific term when the diagnosis is melanoma and a single specific type