

Supplemental Table

Table 3

ICD-10 Diagnostic Code	ICD-10 Diagnostic Code Description	Proportion of AA keloid C- section patients with diagnosis	Proportion of AA normal C- section patients with diagnosis	Significant difference with p- value of 0.05?	Significant difference with Bonferroni correction (p-value of 0.001)
D250	submucous leiomyoma of uterus	0.33%	0.25%	No, 0.77	No, 0.77
D251	intramural leiomyoma of uterus	1.33%	0.85%	No, 0.37	No, 0.37
D252	subserosal leiomyoma of uterus	3.32%	1.42%	Yes, 0.0056	No, 0.0056
D259	leiomyoma of uterus, unspecified	6.98%	4.21%	Yes, 0.018	No, 0.018
D62	Acute posthemorrhagic anemia	9.63%	10.03%	No, 0.82	No, 0.82
E781	Pure hyperglyceridemia	0%	0.01%	No, 0.84	No, 0.84
E782	Mixed hyperlipidemia	0%	0.01%	No, 0.90	No, 0.90

E783	Hyperchylomicronemia	0%	0%	No, 1.0	No, 1.0
E785	Hyperlipidemia, unspecified	0.33%	0.23%	No, 0.71	No, 0.71
F064	Anxiety disorder due to known physiological condition	0%	0.01%	No, 0.86	No, 0.86
F329	Major depressive disorder, single episode, unspecified	1.99%	2.68%	No, 0.464	No, 0.464
F411	Generalized anxiety disorder	0.33%	0.19%	No, 0.59	No, 0.59
F419	Anxiety disorder, unspecified	2.33%	2.23%	No, 0.91	No, 0.91
F530	Postpartum depression	0%	0.02%	No, 0.80	No, 0.80
I10	Essential (primary) hypertension	0.33%	0.33%	No, 0.997	No, 0.997
K219	Gastro-esophageal reflux disease without esophagitis	5.32%	3.71%	No, 0.14	No, 0.14
K660	Peritoneal adhesions (postprocedural) (postinfection)	5.32%	1.67%	Yes, <0.0001	Yes, <0.0001
L2089	Other atopic dermatitis	0%	0.01%	No, 0.86	No, 0.86

L209	Atopic dermatitis	0%	0%	No, 1.0	No, 1.0
N736	Female pelvic peritoneal adhesions (postinfective)	9.63%	3.38%	Yes, <0.0001	Yes, <0.0001
N858	Other specified noninflammatory disorders of uterus	14.62%	7.06%	Yes, <0.0001	Yes, <0.0001
O10213	Pre-exist hypertensive chronic kidney disease complicating pregnancy, third trimester	0%	0.02%	No, 0.79	No, 0.79
O113	Pre-existing hypertension with pre- eclampsia, third trimester	0%	0.19%	No, 0.45	No, 0.45
O114	Pre-existing hypertension with pre- eclampsia, complicating childbirth	2.33%	3.38%	No, 0.31	No, 0.31
O115	Pre-existing hypertension with pre- eclampsia,	0%	0.09%	No, 0.59	No, 0.59

	complicating the puerperium				
O133	Gestational hypertension without significant proteinuria, third trimester	0%	0.51%	No, 0.21	No, 0.21
O134	Gestational hypertension without significant protein, complicating childbirth	5.98%	6.95%	No, 0.51	No, 0.51
O135	Gestational hypertension without significant protein, complicating the puerperium	0%	0.30%	No, 0.34	No, 0.34
O24113	Pre-existing type 2 diabetes, in pregnancy, third trimester	0.33%	0.11%	No, 0.25	No, 0.25
O24410	Gestational diabetes mellitus in pregnancy, diet controlled	0%	0.13%	No, 0.53	No, 0.53

O24414	Gestational diabetes in pregnancy, insulin controlled	0%	0.08%	No, 0.62	No, 0.62
O24420	Gestational diabetes mellitus in childbirth, diet controlled	1.66%	2.79%	No, 0.24	No, 0.24
O24424	Gestational diabetes mellitus in childbirth, insulin controlled	1.33%	1.67%	No, 0.64	No, 0.64
O26613	Liver and biliary tract disorders in pregnancy, third trimester	0%	0.04%	No, 0.74	No, 0.74
O2662	Liver and biliary tract disorders in childbirth	0.33%	0.57%	No, 0.58	No, 0.58
O2663	Liver and biliary tract disorders in the puerperium	0%	0.01%	No, 0.88	No, 0.88
O34211	Maternal care for low transverse scar from previous cesarean delivery	78.07%	42.41%	Yes, <0.0001	Yes, <0.0001
O365930	Maternal care for other known or suspected	3.65%	5.92%	No, 0.096	No, 0.096

	poor fetal girth, third trimester, unspecified				
O4202	Full-term prem ROM, onset labor within 24 hours of rupture	1.66%	1.83%	No, 0.83	No, 0.83
O6981X0	labor and delivery complicated by cord around neck, without compression, unspecified	11.30%	10.02%	No, 0.46	No, 0.46
O721	other immediate postpartum hemorrhage	4.65%	3.58%	No, 0.32	No, 0.32
O76	Abnormality in fetal heart rate and rhythm complicating labor and delivery	11.30%	30.30%	Yes, <0.0001	Yes, <0.0001
O9081	Anemia of the puerperium	9.97%	8.02%	No, 0.22	No, 0.22
O9902	Anemia complicating childbirth	23.92%	25.15%	No, 0.62	No, 0.62

O9952	Diseases of the respiratory system complicating childbirth	7.31%	8.17%	No, 0.59	No, 0.59
O9962	Diseases of the digestive system complicating childbirth	8.97%	5.25%	Yes, 0.0040	No, 0.0040
O9972	Diseases of the skin and subcutaneous tissue complicating childbirth	63.12%	0.64%	Yes, <0.0001	Yes, <0.0001
O99824	Streptococcus B carrier state complicating childbirth	14.95%	17.79%	No, 0.20	No, 0.20
O9989	Other diseases and conditions complicating pregnancy, childbirth, and the puerperium	14.62%	6.88%	Yes, <0.0001	Yes, <0.0001

Table Legend: The various diagnostic codes tested between African American (AA) women with keloids and African American control women who had undergone C-sections are listed in the first column, with their descriptions in the second column.

