

Supplementary table 1: Analysis of HgbA1c levels in patients with type-1 or type-2 diabetes mellitus according to reason for hospitalization

			HbA1c		Total	X ²	P
			≤ 7.5%	> 7.5%			
Diabetes type	Type 1	N	45	57	102	7.06	0.008*
		%	7.7%	12.6%	9.8%		
	Type 2	N	541	394	935		
		%	92.3%	87.4%	90.2%		
Hypoglycemia	No	N	578	449	1027	2.26	0.13
		%	98.6%	99.6%	99.0%		
	Yes	N	8	2	10		
		%	1.4%	0.4%	1.0%		
Hyperglycemia	No	N	575	422	997	14.24	0.00**
		%	98.1%	93.6%	96.1%		
	Yes	N	11	29	40		
		%	1.9%	6.4%	3.9%		
Diabetic ketoacidosis	No	N	563	415	978	7.81	0.005*
		%	96.1%	92.0%	94.3%		
	Yes	N	23	36	59		
		%	3.9%	8.0%	5.7%		
Hyperosmolar nonketotic state	No	N	586	449	1035	2.61	0.107
		%	100.0%	99.6%	99.8%		
	Yes	N	0	2	2		
		%	0.0%	0.4%	0.2%		
Coronary artery disease	No	N	531	384	915	9.74	0.002*
		%	90.7%	85.2%	88.2%		
	Yes	N	55	67	122		
		%	9.3%	14.8%	11.8%		
Arrhythmia	No	N	573	444	1017	0.59	0.43
		%	97.8%	98.4%	98.1%		
	Yes	N	13	7	20		
		%	2.2%	1.6%	1.9%		
Heart failure	No	N	567	435	1002	0.073	0.78
		%	96.8%	96.5%	96.6%		
	Yes	N	19	16	35		
		%	3.2%	3.5%	3.4%		
Acute pulmonary edema	No	N	580	445	1025	0.209	0.64
		%	99.0%	98.7%	98.8%		
	Yes	N	6	6	12		
		%	1.0%	1.3%	1.2%		
Transit ischemic attack	No	N	578	446	1024	0.13	0.71
		%	98.6%	98.9%	98.7%		
	Yes	N	8	5	13		
		%	1.4%	1.1%	1.3%		
Cerebrovascular accident	No	N	505	400	905	1.45	0.22
		%	86.2%	88.7%	87.3%		
	Yes	N	81	51	132		
		%	13.8%	11.3%	12.7%		

Retinopathy	No	N	570	441	1011	0.27	0.60
	Yes	N	16	10	26		
		%	97.3%	97.8%	97.5%		
Nephropathy	No	N	528	401	929	0.38	0.53
	Yes	N	58	50	108		
		%	90.1%	88.9%	89.6%		
Acute kidney injury	No	N	570	446	1016	3.37	0.066
	Yes	N	16	5	21		
		%	97.3%	98.9%	98.0%		
Newly diagnosed hypertension	No	N	577	443	1020	0.09	0.76
	Yes	N	9	8	17		
		%	98.5%	98.2%	98.4%		
Chest infection	No	N	544	419	963	0.002	0.96
	Yes	N	42	32	74		
		%	92.8%	92.9%	92.9%		
Tonsillitis	No	N	585	451	1036	0.77	0.38
	Yes	N	1	0	1		
		%	99.8%	100.0%	99.9%		
Otitis	No	N	584	451	1035	1.54	0.21
	Yes	N	2	0	2		
		%	99.7%	100.0%	99.8%		
Urinary tract infection	No	N	573	442	1015	0.061	0.805
	Yes	N	13	9	22		
		%	97.8%	98.0%	97.9%		
Septicemia	No	N	585	449	1034	0.65	0.41
	Yes	N	1	2	3		
		%	99.8%	99.6%	99.7%		
Carbuncle	No	N	583	447	1030	0.53	0.46
	Yes	N	3	4	7		
		%	99.5%	99.1%	99.3%		
Cellulitis	No	N	560	429	989	0.11	0.73
	Yes	N	26	22	48		
		%	95.6%	95.1%	95.4%		
Abscess	No	N	564	437	1001	0.32	0.57
	Yes	N	22	14	36		
		%	96.2%	96.9%	96.5%		
Cholecystitis	No	N	570	438	1008	0.02	0.88
	Yes	N	16	13	29		
		%	97.3%	97.1%	97.2%		
		%	2.7%	2.9%	2.8%		

Diabetic foot	No	N	478	386	864	2.96	0.085
		%	81.6%	85.6%	83.3%		
	Yes	N	108	65	173		
		%	18.4%	14.4%	16.7%		
Limb ischemia	No	N	561	417	978	5.08	0.024*
		%	95.7%	92.5%	94.3%		
	Yes	N	25	34	59		
		%	4.3%	7.5%	5.7%		
Wound infection	No	N	583	447	1030	0.53	0.46
		%	99.5%	99.1%	99.3%		
	Yes	N	3	4	7		
		%	0.5%	0.9%	0.7%		
Glaucoma	No	N	579	446	1025	0.016	0.89
		%	98.8%	98.9%	98.8%		
	Yes	N	7	5	12		
		%	1.2%	1.1%	1.2%		
Cataract	No	N	569	432	1001	4.18	0.043*
		%	97.1%	95.8%	96.5%		
	Yes	N	17	19	36		
		%	2.9%	4.2%	3.5%		
Iron deficiency anemia	No	N	579	445	1024	0.038	0.84
		%	98.8%	98.7%	98.7%		
	Yes	N	7	6	13		
		%	1.2%	1.3%	1.3%		
B12 deficiency	No	N	586	450	1036	1.3	0.25
		%	100.0%	99.8%	99.9%		
	Yes	N	0	1	1		
		%	0.0%	0.2%	0.1%		
Carpal tunnel syndrome	No	N	584	450	1034	0.12	0.72
		%	99.7%	99.8%	99.7%		
	Yes	N	2	1	3		
		%	0.3%	0.2%	0.3%		
Depression	No	N	586	449	1035	2.61	0.107
		%	100.0%	99.6%	99.8%		
	Yes	N	0	2	2		
		%	0.0%	0.4%	0.2%		
Peptic ulcer disease	No	N	577	442	1019	0.31	0.57
		%	98.5%	98.0%	98.3%		
	Yes	N	9	9	18		
		%	1.5%	2.0%	1.7%		
Gastro esophageal reflux disease	No	N	583	450	1033	0.55	0.45
		%	99.5%	99.8%	99.6%		
	Yes	N	3	1	4		
		%	0.5%	0.2%	0.4%		
Gastroenteritis	No	N	581	450	1031	1.76	0.18
		%	99.1%	99.8%	99.4%		
	Yes	N	5	1	6		
		%	0.9%	0.2%	0.6%		
DVT, PE	No	N	581	443	1024	1.74	0.18
		%	99.1%	98.2%	98.7%		
	Yes	N	5	8	13		
		%	0.9%	1.8%	1.3%		

Acute pancreatitis	No	N	585	447	1032	2.72	0.099
		%	99.8%	99.1%	99.5%		
	Yes	N	1	4	5		
		%	0.2%	0.9%	0.5%		
Non-alcoholic steatohepatitis	No	N	586	448	1034	3.90	0.048*
		%	100.0%	99.3%	99.7%		
	Yes	N	0	3	3		
		%	0.0%	0.7%	0.3%		
Esophageal candidiasis	No	N	586	449	1035	2.6	0.107
		%	100.0%	99.6%	99.8%		
	Yes	N	0	2	2		
		%	0.0%	0.4%	0.2%		
osteomyelitis	No	N	586	448	1034	3.91	0.048*
		%	100.0%	99.3%	99.7%		
	Yes	N	0	3	3		
		%	0.0%	0.7%	0.3%		
Intestinal obstruction	No	N	584	450	1034	0.12	0.72
		%	99.7%	99.8%	99.7%		
	Yes	N	2	1	3		
		%	0.3%	0.2%	0.3%		
Dacryocystitis	No	N	586	449	1035	2.61	0.107
		%	100.0%	99.6%	99.8%		
	Yes	N	0	2	2		
		%	0.0%	0.4%	0.2%		
3 rd , 6 th nerve palsy	No	N	585	451	1036	0.77	0.38
		%	99.8%	100.0%	99.9%		
	Yes	N	1	0	1		
		%	0.2%	0.0%	0.1%		