

Supplemental materials
Dental hygienists' practice in perioperative oral care managements
From Japanese dental hygienists survey 2019

Table S1. Three parameter logistic model based on item response theory.

(A) Model 1. Practice of perioperative oral care management.

	Discrimination	Difficulty	Guessing
Cleaning of tongue and mucosa	2.62	-2.00	<0.01
Moisture retention if oral cavity	1.51	-3.10	<0.01
Topical fluoride application	2.85	-1.01	<0.01
Mouth rinsing instructions and gargling	3.05	-0.47	<0.01
Drug application for gingiva and oral mucosa	1.33	-0.82	<0.01
Oral health instruction for patients, their family or caregivers	2.18	-0.69	<0.01
Denture cleaning	1.49	-0.32	<0.01
Training of swallowing function	2.04	-1.85	<0.01
Assessment of oral conditions	2.14	-2.04	<0.01
Nutritional instruction	23.99	0.39	0.05
Cleaning of tongue and mucosa	10.58	0.33	0.12
Moisture retention if oral cavity	3.01	0.85	0.02

(B) Model 2. Self-assessed effects of perioperative oral care management.

	Discrimination	Difficulty	Guessing
Improvement of symptoms of tongue or oral mucosa	2.52	-0.55	<0.01
Improvement of symptoms of teeth or gingiva	2.80	-1.11	<0.01
Improvement of symptoms of oral hygiene status	3.47	-1.56	<0.01
Improvement of symptoms of xerostomia, improvement in salivary flow	2.53	-0.01	<0.01
Improvement of symptoms of malodor	2.43	-0.60	<0.01
Reduction of medication	2.79	1.47	0.01
Improvement of sensation of taste and patients enjoying their meals	3.51	0.49	0.01

Reduction of leftovers	4.03	0.83	0.01
Increase in conversation	3.93	0.38	0.04
Recognition of importance of oral care management	2.22	-0.67	0.05
Implementation of independent self-oral care	1.56	-0.59	<0.01
Shortened hospital stay	2.18	1.45	<0.01

(C) Model 3. Participation in medical care team.

	Discrimination	Difficulty	Guessing
Nutritional support team	36.65	1.04	0.01
Swallowing function support team	95.47	0.77	0.01
Oral care support team	47.22	0.55	0.07
Cancer care team	24.08	1.10	0.02
Palliative care team	17.20	1.10	0.01
Ventilation support team	3.45	1.73	<0.01
Decubitus prevention team	3.04	2.02	<0.01
Infection control team	16.34	1.14	0.02
Medical safety team	32.88	1.08	0.03

Table S2. Logistic regression analysis for self-assessed effect of perioperative oral care management by practice of dental hygienist.

		Multivariate Adjusted Odds Ratio (95% CI)	<i>p</i> - Value	Fitness	Odds ratio Stepwise Selection	<i>p</i> - Value	Fitness
Improvement of symptoms of tongue or oral mucosa	Tooth brushing by dental hygienist	1.248 (0.623–2.498)	0.532				
	Scaling and mechanical tooth cleaning	1.711 (0.615–4.761)	0.304				
	Cleaning of tongue and mucosa	1.717 (1.158–2.546)	0.007		2.039(1.436–2.896)	<0.001	
	Moisture retention if oral cavity	1.348 (0.950–1.912)	0.095				
	Topical fluoride application	0.714 (0.517–0.985)	0.040				
	Mouth rinsing instructions and gargling	1.415 (1.012–1.979)	0.042		1.453(1.056–2.001)	0.022	
	Drug application for gingiva and oral mucosa	2.141 (1.594–2.876)	<0.001	0.236	2.047(1.542–2.717)	0.000	0.692
	Oral health instruction for patients, their family or caregivers	2.078 (1.169–3.694)	0.013		2.086(1.222–3.562)	0.007	
	Denture cleaning	0.874 (0.450–1.696)	0.691				
	Training of swallowing function	1.886 (1.251–2.842)	0.002		2.101(1.430–3.087)	<0.001	
	Assessment of oral conditions	1.243 (0.888–1.740)	0.205				
	Nutritional instruction	1.894 (1.204–2.980)	0.006		1.988(1.276–3.098)	0.002	
	Improvement of symptoms of teeth or gingiva	Tooth brushing by dental hygienist	1.518 (0.761–3.028)	0.236		2.134(1.152–3.954)	0.016
Scaling and mechanical tooth cleaning		2.701 (1.013–7.199)	0.047				
Cleaning of tongue and mucosa		1.150(0.734–1.801)	0.542				
Moisture retention if oral cavity		1.122 (0.704–1.701)	0.588				
Topical fluoride application		0.919 (0.639–1.322)	0.650				
Mouth rinsing instructions and gargling		1.208 (0.819–1.780)	0.341				
Drug application for gingiva and oral mucosa		2.305 (1.614–3.291)	<0.001	0.331	2.595(1.866–3.609)	0.000	0.894
Oral health instruction for patients, their family or caregivers		1.808 (1.030–3.175)	0.039		2.297(1.380–3.824)	0.001	
Denture cleaning		1.163 (0.589–2.295)	0.663				
Training of swallowing function		1.367 (0.837–2.233)	0.212				
Assessment of oral conditions		1.056 (0.707–1.577)	0.789				
Nutritional instruction		1.853 (1.051–3.264)	0.033		2.394(1.436–3.992)	0.001	

Improvement of symptoms of oral hygiene status	Tooth brushing by dental hygienist	1.252 (0.531–2.952)	0.607				
	Scaling and mechanical tooth cleaning	6.170 (2.25–16.918)	<0.001		7.705(2.977-19.940)	<0.001	
	Cleaning of tongue and mucosa	0.684 (0.371–1.261)	0.224				
	Moisture retention if oral cavity	1.084 (0.621–1.891)	0.777				
	Topical fluoride application	1.186 (0.727–1.935)	0.495				
	Mouth rinsing instructions and gargling	1.749 (1.041–2.936)	0.035		1.954(1.230–3.103)	0.005	
	Drug application for gingiva and oral mucosa	1.269 (0.779–2.066)	0.339	0.102			0.702
	Oral health instruction for patients, their family or caregivers	2.332 (1.210–4.496)	0.011		2.800(1.531–5.119)	0.001	
	Denture cleaning	1.308 (0.580–2.951)	0.517				
	Training of swallowing function	1.948 (0.917–4.140)	0.083		2.804(1.452–5.418)	0.002	
	Assessment of oral conditions	1.347 (0.759–2.393)	0.309				
Nutritional instruction	1.499 (0.645–3.482)	0.347					
Improvement of symptoms of xerostomia, improvement in salivary flow	Tooth brushing by dental hygienist	0.903 (0.413–1.973)	0.798				
	Scaling and mechanical tooth cleaning	1.798 (0.628–5.149)	0.274				
	Cleaning of tongue and mucosa	1.588 (1.026–2.459)	0.038		1.630(1.063–2.501)	0.025	
	Moisture retention if oral cavity	1.834 (1.295–2.596)	0.001		1.939(1.387–2.712)	<0.001	
	Topical fluoride application	0.959 (0.701–1.310)	0.791				
	Mouth rinsing instructions and gargling	2.019(1.432–2.848)	<0.001		2.017(1.449–2.808)	<0.001	
	Drug application for gingiva and oral mucosa	1.362 (1.021–1.816)	0.036	0.969	1.395(1.056–1.842)	0.019	0.377
	Oral health instruction for patients, their family or caregivers	0.948(0.510–1.764)	0.866				
	Denture cleaning	1.372 (0.658–2.862)	0.399		1.720(1.243–2.378)	0.001	
	Training of swallowing function	1.584 (1.124–2.233)	0.009				
	Assessment of oral conditions	1.316 (0.966–1.795)	0.082				
Nutritional instruction	2.068 (1.435–2.980)	<0.001		2.224(1.557–3.178)	<0.001		
Improvement of symptoms of malodor	Tooth brushing by dental hygienist	0.767 (0.399–1.476)	0.427				
	Scaling and mechanical tooth cleaning	1.440 (0.533–3.890)	0.472				
	Cleaning of tongue and mucosa	1.518 (1.030–2.239)	0.035	0.507	1.604(1.130–2.278)	0.008	0.830
	Moisture retention if oral cavity	1.202 (0.848–1.705)	0.301				
	Topical fluoride application	1.212(0.891-1.648)	0.222				

	Mouth rinsing instructions and gargling	1.667 (1.202–2.311)	0.002		1.802(1.323–2.455)	<0.001	
	Drug application for gingiva and oral mucosa	1.652 (1.232–2.213)	0.001		1.748(1.314–2.324)	<0.001	
	Oral health instruction for patients, their family or caregivers	1.107 (0.637–1.921)	0.719				
	Denture cleaning	1.945 (1.002–3.774)	0.049		2.117(1.154–3.886)	0.015	
	Training of swallowing function	1.605 (1.072–2.402)	0.021		1.611(1.081–2.401)	0.019	
	Assessment of oral conditions	1.328 (0.949–1.857)	0.098		1.390(1.006–1.920)	0.046	
	Nutritional instruction	1.851 (1.179–2.904)	0.007		1.896(1.210–2.969)	0.005	
	Tooth brushing by dental hygienist	0.673 (0.161–2.805)	0.587				
	Scaling and mechanical tooth cleaning	0.503 (0.092–2.763)	0.429				
	Cleaning of tongue and mucosa	0.497 (0.213–1.158)	0.105				
	Moisture retention if oral cavity	1.270 (0.606–2.662)	0.527				
	Topical fluoride application	3.222 (1.529–6.790)	0.002		3.128(1.571–6.231)	0.001	
	Mouth rinsing instructions and gargling	2.062 (0.929–4.578)	0.075				
Reduction of medication	Drug application for gingiva and oral mucosa	1.814 (1.022–3.219)	0.042	0.408	1.956(1.134–3.375)	0.016	0.635
	Oral health instruction for patients, their family or caregivers	0.806 (0.207–3.133)	0.755				
	Denture cleaning	0.698 (0.172–2.838)	0.616		2.068(1.286–3.325)	0.003	
	Training of swallowing function	2.062 (1.199–3.544)	0.009				
	Assessment of oral conditions	0.993 (0.562–1.754)	0.981				
	Nutritional instruction	2.707(1.661–4.411)	<0.001		2.695(1.692–4.293)	<0.001	
	Tooth brushing by dental hygienist	0.606 (0.274–1.343)	0.217				
	Scaling and mechanical tooth cleaning	0.822 (0.279–2.427)	0.723				
	Cleaning of tongue and mucosa	0.764 (0.470–1.241)	0.276				
	Moisture retention if oral cavity	1.279 (0.848–1.929)	0.241				
Improvement of sensation of taste and patients enjoying their meals	Topical fluoride application	1.425 (1.001–2.028)	0.049	0.760	1.438(1.023–2.023)	0.037	0.364
	Mouth rinsing instructions and gargling	1.511 (1.011–2.259)	0.044		1.441(0.995–2.087)	0.053	
	Drug application for gingiva and oral mucosa	1.622 (1.176–2.237)	0.003		1.659(1.207–2.281)	0.002	
	Oral health instruction for patients, their family or caregivers	0.911 (0.444–1.871)	0.800				

	Denture cleaning	1.740 (0.694–4.363)	0.237				
	Training of swallowing function	1.381 (0.974–1.958)	0.07		1.414(1.002–1.994)	0.049	
	Assessment of oral conditions	1.592 (1.137–2.230)	0.007		1.614(1.168–2.230)	0.004	
	Nutritional instruction	2.699 (1.912–3.809)	<0.001		2.673(1.896–3.768)	<0.001	
	Tooth brushing by dental hygienist	0.334 (0.132–0.849)	0.021		0.384(0.162–0.907)	0.029	
	Scaling and mechanical tooth cleaning	1.364 (0.343–5.417)	0.659				
	Cleaning of tongue and mucosa	0.777 (0.407–1.483)	0.444				
	Moisture retention if oral cavity	1.599 (0.932–2.741)	0.088				
	Topical fluoride application	1.449 (0.935–2.246)	0.097		1.564(1.020–2.396)	0.040	
	Mouth rinsing instructions and gargling	1.643 (0.974–2.772)	0.063		1.775(1.078–2.922)	0.024	
Reduction of leftovers	Drug application for gingiva and oral mucosa	1.416 (0.955–2.100)	0.084	0.576	1.447(0.978–2.142)	0.064	0.004
	Oral health instruction for patients, their family or caregivers	1.249 (0.443–3.519)	0.674				
	Denture cleaning	1.148 (0.388–3.402)	0.803				
	Training of swallowing function	1.467 (0.989–2.175)	0.056		1.513(1.025–2.233)	0.037	
	Assessment of oral conditions	1.929 (1.286–2.894)	0.001		2.078(1.403–3.077)	0.000	
	Nutritional instruction	2.791 (1.922–4.055)	<0.001		2.784(1.920–4.037)	<0.001	
	Tooth brushing by dental hygienist	0.674 (0.300–1.515)	0.34				
	Scaling and mechanical tooth cleaning	0.943 (0.306–2.900)	0.918				
	Cleaning of tongue and mucosa	1.139 (0.715–1.814)	0.583				
	Moisture retention if oral cavity	1.062 (0.726–1.553)	0.757				
	Topical fluoride application	1.381 (0.992–1.924)	0.056		1.731(1.228–2.441)	0.002	
	Mouth rinsing instructions and gargling	1.561 (1.073–2.269)	0.020		1.510(1.123–2.030)	0.006	
Increase in conversation	Drug application for gingiva and oral mucosa	1.400 (1.033–1.897)	0.030	0.759			0.632
	Oral health instruction for patients, their family or caregivers	1.256 (0.595–2.652)	0.550				
	Denture cleaning	3.739 (1.246–11.223)	0.019		4.044(1.415–11.558)	0.009	
	Training of swallowing function	1.542 (1.099–2.162)	0.012		1.559(1.117–2.176)	0.009	
	Assessment of oral conditions	1.805 (1.312–2.484)	<0.001		1.882(1.386–2.556)	<0.001	
	Nutritional instruction	2.126 (1.504–3.005)	<0.001		2.178(1.544–3.072)	<0.001	
Recognition of importance of oral care management	Tooth brushing by dental hygienist	0.912 (0.461–1.804)	0.791	0.280			0.683

	Scaling and mechanical tooth cleaning	2.104 (0.736–6.019)	0.165		
	Cleaning of tongue and mucosa	1.156 (0.775–1.722)	0.478		
	Moisture retention if oral cavity	0.951 (0.660–1.368)	0.785		
	Topical fluoride application	1.318 (0.962–1.805)	0.085	1.433(1.060–1.936)	0.019
	Mouth rinsing instructions and gargling	2.006 (1.434–2.808)	<0.001	2.252(1.655–3.064)	0.000
	Drug application for gingiva and oral mucosa	1.317 (0.970–1.787)	0.077		
	Oral health instruction for patients, their family or caregivers	1.655 (0.941–2.912)	0.081	1.781(1.017–3.120)	0.044
	Denture cleaning	2.636 (1.337–5.198)	0.005	3.094(1.604–5.967)	0.001
	Training of swallowing function	1.452 (0.950–2.219)	0.084		
	Assessment of oral conditions	1.870 (1.315–2.660)	<0.001	2.070(1.503–2.850)	<0.001
	Nutritional instruction	1.942(1.195–3.156)	0.007	2.318(1.458–3.684)	<0.001
	Tooth brushing by dental hygienist	1.809 (0.912–3.588)	0.09		
	Scaling and mechanical tooth cleaning	1.571 (0.570–4.326)	0.383		
	Cleaning of tongue and mucosa	1.154 (0.780–1.706)	0.473		
	Moisture retention if oral cavity	0.816 (0.576–1.157)	0.254		
	Topical fluoride application	1.186 (0.879–1.600)	0.264		
	Mouth rinsing instructions and gargling	1.421 (1.024–1.972)	0.035	1.563(1.171–2.085)	0.002
Implementation of independent self-oral care	Drug application for gingiva and oral mucosa	1.232 (0.925–1.641)	0.153	0.318	
	Oral health instruction for patients, their family or caregivers	2.237 (1.266–3.951)	0.006	2.467(1.409–4.320)	0.002
	Denture cleaning	2.243 (1.141–4.411)	0.019	2.730(1.434–5.199)	0.002
	Training of swallowing function	0.750 (0.521–1.080)	0.122		
	Assessment of oral conditions	1.839 (1.328–2.548)	<0.001	1.653(1.240–2.204)	0.001
	Nutritional instruction	1.838 (1.243–2.719)	0.002	1.750(1.214–2.521)	0.003
	Tooth brushing by dental hygienist	0.800 (0.160–3.998)	0.786		
	Scaling and mechanical tooth cleaning	0.705 (0.138–3.593)	0.674		
	Cleaning of tongue and mucosa	1.158 (0.454–2.951)	0.759		
Shortened hospital stay	Moisture retention if oral cavity	1.684 (0.826–3.431)	0.151	0.038	2.357(1.284–4.327) 0.006 0.554
	Topical fluoride application	1.824 (0.994–3.347)	0.052	1.896(1.062–3.385)	0.031
	Mouth rinsing instructions and gargling	1.840 (0.888–3.812)	0.101		

Drug application for gingiva and oral mucosa	1.653 (0.976–2.799)	0.062	1.931(1.163–3.204)	0.011
Oral health instruction for patients, their family or caregivers	0.820 (0.225–2.992)	0.764		
Denture cleaning	1.127 (0.228–5.578)	0.883		
Training of swallowing function	1.302 (0.789–2.147)	0.301		
Assessment of oral conditions	1.234 (0.734–2.074)	0.427		
Nutritional instruction	2.348 (1.472–3.745)	<0.001	2.999(2.016–4.460)	<0.001

Multivariate Odds ratios and odds ratios by stepwise selection were calculated. Fitness indexes were calculated by Hosmer-Lemeshow test.

Table S3. Cross tabulations of practice of perioperative oral care management against self-assessed effect and participation in medical team.

	Tooth Brushing by Dental Hygienist			Scaling and Mechanical Tooth Cleaning			Cleaning off TONGUE and Mucosa			Moisture Retention if Oral Cavity			Fluoride Varnish			Instruction of Mouth Rinse and Gargling			Drug Application for Gingiva and Oral Mucosa			Oral Health Instruction for Patients, Their Family or Caregivers			Denture Cleaning			Training of Swallowing Function			Assessment of Oral Conditions			Nutritional Instruction				
	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value					
Improvement of symptoms of oral mucosa or tongue	- 34	370	<0.001	14	390	0.012	133	269	<0.001	208	192	<0.001	158243	183	219	<0.001	243	160	<0.001	56	348	<0.001	35	368	<0.001	348	55	<0.001	292	109	<0.001	363	35	<0.001				
	+ 18	816		11	822		84	748		188	642		213614	154	677		247	582		25	806		24	808		478	346		365	458		558	256					
Improvement of symptoms of tooth or gingiva	- 23	195	<0.001	12	206	<0.001	66	152	<0.001	107	109	<0.001	96	121	<0.001	101	117	<0.001	142	76	<0.001	36	182	<0.001	24	194	<0.001	182	36	<0.001	150	66	<0.001	196	20	<0.001		
	+ 30	1003		13	1020		151	879		294	732		280744	243	784		243	784		354	673		45	985		34	995		653	367		513	508		735	273		
Improvement of symptoms of oral hygiene status	- 14	93	<0.001	13	94	<0.001	32	75	0.001	55	50	<0.001	57	50	<0.001	59	48	<0.001	66	41	<0.001	26	81	<0.001	17	90	<0.001	94	13	<0.001	80	26	<0.001	98	8	<0.001		
	+ 41	1124		13	1152		195	966		356	800		328825	291	865		291	865		439	717		56	1104		44	1117		754	394		593	555		846	288		
Improvement of symptoms of xerostomia, improvement salivary flow	- 42	581	<0.001	18	605	0.025	175	446	<0.001	300	318	<0.001	241378	261	360	<0.001	325	297	<0.001	63	559	<0.001	46	575	<0.001	512	108	<0.001	426	192	<0.001	549	66	<0.001				
	+ 11	615		7	619		43	581		99	524		134486	82	541		169	452		19	604		13	612		321	296		234	383		378	230					
Improvement of symptoms of malodor	- 31	360	<0.001	14	377	0.007	125	265	<0.001	198	189	<0.001	173217	183	207	<0.001	233	157	<0.001	50	340	<0.001	38	351	<0.001	333	56	<0.001	280	108	<0.001	353	33	<0.001				
	+ 24	835		11	848		94	763		202	653		201651	162	693		264	590		32	825		20	837		502	346		381	467		577	261					
Reduction in medication	- 49	1048	0.254	23	1074	0.678	205	889	0.008	379	712	<0.001	362728	330	764	<0.001	471	623	<0.001	79	1015	<0.001	56	1038	0.161	781	308	<0.001	621	467	<0.001	867	212	<0.001				
	+ 3	126		2	127		12	117		17	112		10	119		10	119		19	110		3	126		3	126		45	84		36	93		53	74			
Improvement of sensation of taste and enjoy their meal	- 42	783	0.056	19	806	0.343	176	646	<0.001	324	495	<0.001	301518	283	539	<0.001	398	424	<0.001	70	753	<0.001	51	772	0.001	635	185	<0.001	523	294	<0.001	703	109	<0.001				
	+ 11	392		6	397		40	363		70	331		70	329		55	346		90	312		12	389		7	395		189	208		130	268		213	179			
Reduction of leftovers	- 44	903	0.248	23	924	0.198	196	748	<0.001	359	582	<0.001	329613	308	636	<0.001	433	511	<0.001	77	867	<0.001	54	891	0.011	715	227	<0.001	584	355	<0.001	791	144	<0.001				
	+ 8	257		3	262		20	245		33	232		40	223		28	237		53	212		5	260		5	259		104	158		66	198		120	138			
Increase of conversation	- 43	707	0.003	19	731	0.134	175	573	<0.001	309	436	<0.001	285462	272	477	<0.001	372	377	<0.001	71	678	<0.001	53	695	<0.001	595	152	<0.001	496	248	<0.001	646	94	<0.001				
	+ 10	458		6	462		39	428		83	384		85	379		63	404		114	351		10	455		4	462		224	238		154	310		264	191			
Recognition of importance of oral care management	- 31	323	<0.001	16	338	<0.001	110	244	<0.001	177	175	<0.001	165188	174	180	<0.001	205	148	<0.001	55	298	<0.001	41	312	<0.001	304	49	<0.001	267	85	<0.001	323	27	<0.001				
	+ 22	860		9	873		108	771		220	657		209665	167	711		284	592		26	853		17	863		523	348		388	482		596	265					
Implementation of Independent self oral care	- 37	393	<0.001	16	414	0.002	110	319	<0.001	180	247	<0.001	176254	172	257	<0.001	222	207	<0.001	58	370	<0.001	42	388	<0.001	328	101	<0.001	293	134	<0.001	370	54	<0.001				
	+ 16	792		9	799		107	699		218	584		197599	167	636		269	532		23	783		17	788		502	294		364	434		550	237					
Shortening hospital stay	- 49	991	0.067	24	1016	0.487	201	837	<0.001	369	666	<0.001	351684	320	718	<0.001	453	586	<0.001	78	960	0.017	56	981	0.039	746	289	<0.001	598	434	<0.001	829	197	<0.001				
	+ 2	141		2	141		7	135		15	127		16	126		11	131		24	118		3	139		2	140		56	84		64	73						

	Tooth Brushing by Dental Hygienist			Scaling and Mechanical Tooth Cleaning			Cleaning off Tongue and Mucosa			Moisture Retention if Oral Cavity			Fluoride Varnish			Instruction of Mouth Rinse and Gargling			Drug Application for Gingiva and Oral Mucosa			Oral Health Instruction for Patients, Their Family or Caregivers			Denture Cleaning			Training of Swallowing Function			Assessment of Oral Conditions			Nutritional Instruction		
	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value	-	+	p-Value			
Nutritional support team	- 72	1234	0.094	35	1269	0.907	265	1033	<0.001	474	818	<0.001	419873	10 71	<0.001	404	890	0.000	568	724	<0.001	108	1192	0.022	841217	0 81	0.018	924	365	<0.001	753	533	<0.001	1018	256	<0.001
Swallowing function support team	- 71	1196	0.063	33	1232	0.649	265	994	<0.001	470	783	<0.001	410843	19 102	<0.001	398	857	0.000	556	697	<0.001	105	1156	0.050	821180	2 119	0.033	916	334	<0.001	744	503	<0.001	998	237	<0.001
Oral care support team	- 68	1122	0.061	33	1155	0.534	259	923	<0.001	457	720	<0.001	386790	43 156	0.002	385	794	0.000	530	647	<0.001	101	1083	0.029	771108	7 192	0.103	866	308	<0.001	709	462	<0.001	943	218	<0.001
Cancer care team	- 72	1255	0.225	37	1288	0.201	266	1053	0.001	471	842	<0.001	421892	8 49	0.004	407	908	0.000	574	739	<0.001	109	1212	0.024	841238	0 57	0.050	924	386	<0.001	747	560	<0.001	1024	270	<0.001
palliative care team	- 72	1255	0.225	35	1290	0.691	267	1052	<0.001	474	839	<0.001	421892	8 49	0.004	407	908	0.000	574	739	<0.001	107	1214	0.209	821240	2 55	0.405	928	382	<0.001	751	556	<0.001	1027	266	<0.001
Ventilation support team	- 73	1291	0.313	36	1326	0.447	267	1089	0.036	475	875	0.009	426924	2 16	0.063	410	942	0.005	579	771	0.078	108	1250	0.708	841275	0 18	0.276	939	408	<0.001	757	587	0.004	1043	287	<0.001
Decubitus prevention team	- 73	1297	0.411	37	1331	0.564	267	1095	0.087	475	881	0.053	427929	1 11	0.085	409	949	0.101	581	775	0.068	108	1256	0.958	841281	0 12	0.375	941	412	<0.001	760	590	<0.001	1046	290	<0.001
Infection control team	- 72	1260	0.261	36	1294	0.717	264	1060	0.010	465	853	0.029	421897	7 46	0.004	403	917	0.007	571	747	0.007	106	1220	0.537	831244	1 52	0.192	920	395	<0.001	744	568	0.003	1023	276	<0.001
Medical safety team	- 72	1235	0.129	36	1269	0.484	262	1037	0.006	462	831	0.001	419874	8 64	0.000	397	898	0.012	565	728	0.001	104	1197	0.454	821220	2 70	0.225	909	381	<0.001	738	549	<0.001	1009	265	<0.001