

Supplemental Table S1. Median and interquartile range of the Delirium Diagnostic Tool-Provisional (DDT-Pro) item and total scores as measured in internal medicine inpatients. Comparisons are for no delirium and delirium using DSM-5 within each group and all are significant at $p < 0.001$ for Mann-Whitney U test.

DDT-Pro Item	Whole sample (n =200)						IQCODE ^a dementia subgroup (n =74) ^b					
	Delirium (n =50)			No delirium (n =150)			Delirium (n =34)			No delirium (n =40)		
By a physician	Median	IQR ^a		Median	IQR		Median	IQR		Median	IQR	
		LB ^a	UB ^a		LB	UB		LB	UB		LB	UB
Comprehension	2.0	1.0	2.0	3.0	2.0	3.0	1.0	0.0	2.0	3.0	2.0	3.0
Vigilance	1.0	0.0	2.0	3.0	3.0	3.0	0.5	0.0	1.2	3.0	3.0	3.0
Sleep/wake	1.0	1.0	2.0	2.0	2.0	3.0	1.0	1.0	2.0	2.0	2.0	2.7
Total scale	4.0	2.0	5.2	8.0	7.0	8.0	3.5	2.0	5.0	7.5	6.2	8.0
By a nurse	Median	IQR		Median	IQR		Median	IQR		Median	IQR	
		LB	UB		LB	UB		LB	UB		LB	UB
Comprehension	1.0	0.0	2.2	3.0	3.0	3.0	1.0	0.0	2.2	3.0	3.0	3.0
Vigilance	0.0	0.0	2.0	3.0	3.0	3.0	0.0	0.0	1.2	3.0	3.0	3.0
Sleep/wake	1.0	0.0	1.0	2.0	2.0	3.0	1.0	0.0	1.0	2.0	1.0	2.0
Total scale	3.0	1.0	5.0	8.0	7.0	8.0	2.5	0.0	4.5	8.0	7.0	8.0

^a IQCODE: Informant Questionnaire on Cognitive Decline in the Elderly; IQR: interquartile range; LB: Lower bound of the interquartile range; UB: Upper bound of the interquartile range.

^b Most dementia cases are according to IQCODE score >85 , except 2 (1.0%) that are diagnosed by psychiatrist clinical impression using all available sources, due to absence of any familiar or home caregiver for IQCODE assessment.

Supplemental Table S2. Frequency (percentage) of the Delirium Diagnostic Tool-Provisional (DDT-Pro) scores 0, 1, 2, and 3, as measured in internal medicine inpatients. Delirium diagnosis status used DSM-5 criteria. Comparisons between physician and nurse within the delirium or the no delirium group are with Cochran Q test^a.

DDT-Pro Score	Whole sample (n =200)				IQCODE ^b dementia (n =74) ^c			
	Delirium (n =50)		No delirium (n =150)		Delirium (n =34)		No delirium (n =40)	
Comprehension item	Physician	Nurse	Physician	Nurse	Physician	Nurse	Physician	Nurse
0	22.0	32.0	0.0	0.7	26.5	41.2	0.0	2.5
1	22.0	20.0	2.7	2.0	26.5	17.6	2.5	2.5
2	48.0 ^a	24.0 ^a	32.7 ^a	15.3 ^a	41.2 ^a	17.6 ^a	50.0 ^a	15.0 ^a

3	8.0 ^a	24.0 ^a	64.7 ^a	82.0 ^a	5.9	23.5	47.5 ^a	80.0 ^a
Vigilance item	Physician	Nurse	Physician	Nurse	Physician	Nurse	Physician	Nurse
0	46.0	56.0	0.7 ^a	4.7 ^a	50.0	67.6	0.0	7.5
1	24.0	12.0	4.7	2.0	26.5	8.8	7.5	5.0
2	16.0	14.0	6.7	4.0	17.6	11.8	10.0 ^a	0.0 ^a
3	14.0	18.0	88.0	89.3	5.9	11.8	82.5	87.5
Sleep/wake item	Physician	Nurse	Physician	Nurse	Physician	Nurse	Physician	Nurse
0	6.0 ^a	30.0 ^a	0.0	1.3	5.9 ^a	32.4 ^a	0.0	2.5
1	52.0	54.0	8.0 ^a	15.3 ^a	50.0	50.0	12.5	25.0
2	38.0 ^a	16.0 ^a	64.7	58.0	38.2 ^a	17.6 ^a	62.5	52.5
3	4.0	0.0	27.3	25.3	5.9	0.0	25.0	20.0

^a Significant differences at $p < 0.05$ are denoted by a super index a (^a) in the corresponding cells.

^b IQCODE: Informant Questionnaire on Cognitive Decline in the Elderly.

^c Most dementia cases are according to IQCODE score >85 , except 2 (1.0%) that are diagnosed by psychiatrist clinical impression using all available sources, due to absence of any familiar or home caregiver for IQCODE assessment.