

STable 1 Baseline characteristics of geriatric patients with hip fracture

	Total (n=1376)	NAF (n=1189)	AF (n=187)	F/t/z	P 值	P1	P2	P3	
			Par AF (n=103)	Per AF (n=84)					
Age, mean \pm SD (years)	79.51 \pm 7.346	79.29 \pm 7.419	82.17 \pm 6.790	79.44 \pm 6.335	7.388	0.001	< 0.001	0.851	0.011
Age group, n (%)									
< 75 years	379 (27.5%)	344 (28.9%)	17 (16.5%)	18 (21.4%)	9.011	0.011	0.007	0.136	0.453
\geq 75 years	997 (72.5%)	845 (71.1%)	86 (83.5%)	66 (78.6%)					
ACCI (IQR)	5 (4-5)	5 (4-5)	6 (4-6)	5 (4-6)	32.795	< 0.001	< 0.001	< 0.001	0.058
Gender, n (%)									
Male	408 (29.7%)	348 (29.3%)	36 (35.0%)	24 (28.6%)	1.518	0.468	0.226	0.893	0.342
Female	968 (70.3%)	841 (70.7%)	67 (65.0%)	60 (71.4%)					
Fracture types, n (%)									
Femoral neck fractures	648 (47.1%)	556 (46.8%)	58 (56.3%)	34 (40.5%)	5.041	0.080	0.063	0.265	0.031
Intertrochanteric fractures	728 (52.9%)	633 (53.2%)	45 (43.7%)	50 (59.5%)					
Comorbidities, n (%)									
Hypertension	664 (48.3%)	538 (45.2%)	69 (67.0%)	57 (67.9%)	31.711	< 0.001	< 0.001	< 0.001	0.905
Stroke	540 (39.2%)	446 (37.5%)	49 (47.6%)	45 (53.6%)	11.727	0.003	0.044	0.004	0.402
Coronary heart disease	368 (26.7%)	294 (24.7%)	47 (45.6%)	27 (32.1%)	22.474	< 0.001	< 0.001	0.135	0.037
Diabetes	300 (21.8%)	254 (21.4%)	18 (17.5%)	28 (33.3%)	7.817	0.020	0.359	0.010	0.009
COPD	47 (3.4%)	28 (2.4%)	15 (14.6%)	10 (11.9%)	53.813	< 0.001	< 0.001	< 0.001	0.338
Cancer	62 (4.5%)	53 (4.5%)	5 (4.9%)	4 (4.8%)	.048	0.976	0.852	0.897	0.976
Surgical type, n (%)									
Replacement	586 (42.6%)	503 (42.3%)	52 (50.5%)	31 (36.9%)	3.776	0.151	0.107	0.333	0.062
Fixation	790 (57.4%)	686 (57.7%)	51 (49.5%)	53 (63.1%)					
Anesthesia type, n (%)									
General	792 (57.6%)	686 (57.7%)	57 (55.3%)	49 (58.3%)	0.237	0.888	0.643	0.909	0.681
Lumbar	584 (42.4%)	503 (42.3%)	46 (44.7%)	35 (41.7%)					

Values are presented as mean \pm standard deviation, median (interquartile range), or number (percentage) as appropriate

SD Standard deviation, AF Atrial fibrillation, NAF Non atrial fibrillation, Par AF Paroxysmal atrial fibrillation, Per AF Permanent atrial fibrillation, COPD Chronic obstructive pulmonary disease, ACCI Age-Adjusted Charlson Comorbidity Index

P: Comparison among non atrial fibrillation, paroxysmal atrial fibrillation and permanent atrial fibrillation

P1: Non atrial fibrillation VS Paroxysmal atrial fibrillation, P2: Non atrial fibrillation VS Permanent atrial fibrillation, P3: Paroxysmal atrial fibrillation VS Permanent atrial fibrillation

STable 2 Comparison of the outcome of patients with non- atrial fibrillation paroxysmal atrial fibrillation and permanent atrial fibrillation in old patients with hip fracture

	Total (n=1376)	NAF (n=1189)	AF (n=187)		F/t/z	P 值	P1	P2	P3
			Par AF (n=103)	Per AF (n=84)					
Pulmonary infection	204 (14.8%)	162 (13.6%)	21 (20.4%)	21 (25.0%)	10.768	0.005	0.063	0.005	0.376
Heart failure	421 (30.6%)	329 (27.7%)	44 (42.7%)	48 (57.1%)	39.799	<0.001	0.001	<0.001	0.031
Stress ulcer	25 (1.8%)	9 (0.8%)	7 (6.8%)	9 (10.7%)	59.081	<0.001	<0.001	<0.001	0.042
Urinary tract infection	49 (3.6%)	33 (2.8%)	8 (7.8%)	8 (9.5%)	16.139	<0.001	0.009	0.001	0.517
Anemia	648 (47.1%)	553 (46.5%)	51 (49.5%)	44 (52.4%)	1.348	0.510	0.558	0.298	0.696
Stress hyperglycemia	52 (3.8%)	45 (3.8%)	3 (2.9%)	4 (4.8%)	0.436	0.804	0.657	0.650	0.510
Acute cerebrovascular disease	51 (3.7%)	16 (1.3%)	17 (16.5%)	18 (21.4%)	139.759	<0.001	<0.001	<0.001	0.062
Hyponatremia	421 (30.6%)	359 (30.2%)	38 (36.9%)	24 (28.6%)	2.176	0.337	0.157	0.755	0.220
Hypokalemia	325 (23.6%)	261 (22.0%)	45 (43.7%)	19 (22.6%)	24.878	<0.001	<0.001	0.888	0.001
Hypoalbuminemia	700 (50.9%)	606 (51.0%)	55 (53.4%)	39 (46.4%)	0.931	0.628	0.636	0.422	0.344
Hospital stay (IQR), days	12 (10,16)	12 (10,16)	13 (10,17)	13 (11,17)	6.893	0.032	0.160	0.050	0.602
All-cause mortality	141 (10.3%)	103 (8.7%)	13 (13.5%)	25 (29.8%)	38.980	<0.001	0.125	<0.001	<0.001

Values are presented as mean \pm standard deviation, median (interquartile range), or number (percentage) as appropriate

AF Atrial fibrillation, NAF Non atrial fibrillation, Par AF Paroxysmal atrial fibrillation, Per AF Permanent atrial fibrillation

P1: Non atrial fibrillation VS Paroxysmal atrial fibrillation, P2: Non atrial fibrillation VS Permanent atrial fibrillation, P3: Paroxysmal atrial fibrillation VS Permanent atrial fibrillation