

Unavoidable Stairs at Home Affect Discharge Disposition after TJA

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Background



Purpose

Are “walk-up” apartment buildings (i.e., unavoidable stairs) a risk factor for discharge to a facility after arthroplasty?



Methods

- Retrospective Case Control Study
- 1094 Patients between 2011 and 2014
- Compared home discharge to facility discharge for risk factors
- Logistical Regression

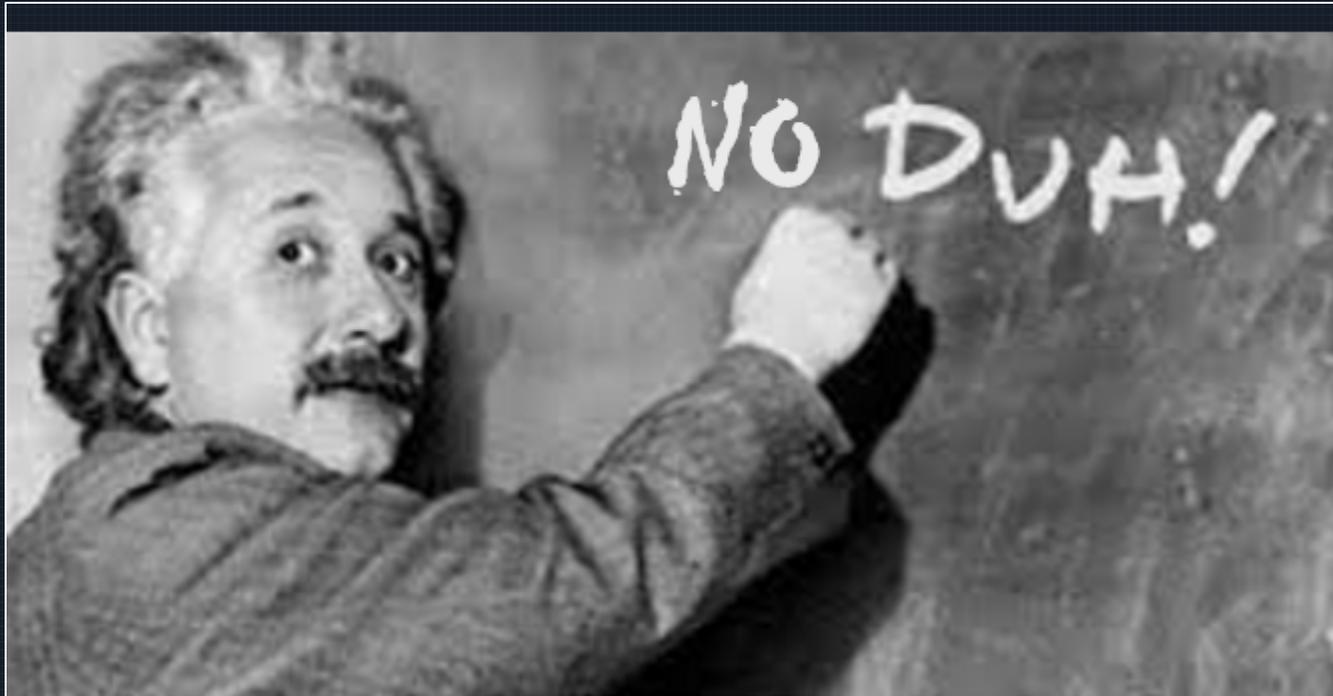
Results

68 years +/- 12.6 yrs

				95% CI	
Variable	SE	p	Odds ratio	Lower	Upper
Gender (female)	0.151	<0.0001	2.505	1.864	3.368
Age	0.008	<0.0001	1.086	1.07	1.103
LOS	0.055	<0.0001	1.224	1.098	1.363
Stairs	0.007	0.001	1.023	1.009	1.038
ASA	0.141	<0.0001	1.639	1.244	2.16
BMI	0.011	0.002	1.036	1.013	1.059
Hip vs Knee	0.150	<0.0001	0.547	0.408	0.734

Implications

The presence of unavoidable stairs at home influences the ability to go home.



Implications

Pronounced in metropolitan cities, but really this is relevant in all geographic areas.



Implications

With focus on Bundles and home discharge, unavoidable stairs should be considered by policymakers.

Thank You

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