

# Early Colonoscopy is Associated with Lower Mortality in Stable Diverticular Bleeding: A National Database Study

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	Table 1: Baseline characteristics of patients with stable diverticular bleed who underwent colonoscopy					
n 24 to		UNMATCHED COHORTS		MATCHED COHORTS		
		Colonoscopy < 7 days (N = 13,890)	Colonoscopy > 7 days (N = 103,718)	Colonoscopy < 7 days (N = 12,502)	Colonoscopy > 7 days (N = 12,502)	
	Age at index	63.4 +/- 15.2 vears	64.2 +/- 15.9 years	63.4 +/- 15.2 years	63.4 +/- 15.3 years	
nt	White Race	8,752 (70%)	67,415 (68.7%)	8,752 (70%)	8,889 (71.1%)	
	Male	5,717 (45.7%)	43,326 (44.1%)	5,717 (45.7%)	5,648 (45.2%)	
	BMI ≧ 30	4,424 (35.4%)	29,734 (30.3%)	4,424 (35.4%)	4,090 (32.7%)	
	Nicotine dependence	1,536 (12.3%)	11,435 (11.7%)	1,536 (12.3%)	1,414 (11.3%)	
	Alcohol abuse	496 (4%)	3,196 (3.3%)	496 (4%)	391 (3.1%)	
	HTN	6,547 (52.4%)	50,258 (51.2%)	6,547 (52.4%)	6,611 (52.9%)	
	CKD	1,351 (10.8%)	11,523 (11.7%)	1,351 (10.8%)	1,272 (10.2%)	
	T2DM	2,579 (20.6%)	20,162 (20.5%)	2,579 (20.6%)	2,532 (20.5%)	
	Atherosclerosis	633 (5.1%)	5,812 (5.9%)	633 (5.1%)	544 (4.4%)	
n	NSAID use	3,921 (31.4%)	29,896 (30.5%)	3,921 (31.4%)	4,017 (32.1%)	
st Id a	Anticoagulant use	2,810 (22.5%)	21,327 (21.7%)	2,810 (22.5%)	2,792 (22.3%)	
	Anti-platelet agent use	3,532 (28.3%)	24,942 (25.4%)	3,532 (28.3%)	3,459 (27.7%)	
∙st I a						
,	In patients diverticula	with stable r bleed, early	Mucosa		Mucosa	
:1	days) colonoscopy when compared to delayed					

colonoscopy (> 7 days) is

associated with higher 30-

day survival



ne propensity matched analysis, patients in the late noscopy group ( > 7 days) had a significantly higher risk of lay mortality (HR = 1.80, 95% CI = 1.33, 2.41)

trols (late colonoscopy group) had a lower risk of 30-day dmissions (OR = 0.88, 95% CI = 0.82, 0.95)

significant differences between cases and controls with ect to need for blood transfusion (OR = 1.0, 95% CI = 0.72,

en reliance on ICD-9/10 and CPT codes, it is unclear if ents had a true diverticular hemorrhage

unclear what interventions (surgery, IR, endoscopic ventions) were instituted, if any, in either group

were unable to assess rates of re-bleeding after noscopy

y colonoscopy within 7 days in patients with stable rticular bleed seems to be associated with higher 30-day ival when compared to delayed colonoscopy

dy needs to be validated using other large databases to y this disparity in mortality. If confirmed, reasons for the rences in mortality and re-admission rates should be dated

authors wish to thank Dr. Dennis M. Jensen, MD, Professor of Medicine, UCLA Health, for his feedback and recommendations on this abstract





### RESULTS

### LIMITATIONS

#### CONCLUSIONS

## ACKNOWLEDGEMENTS

