

# The Yield of Downstream Tests after Exercise Treadmill Testing: A Prospective Cohort Study Online Appendix

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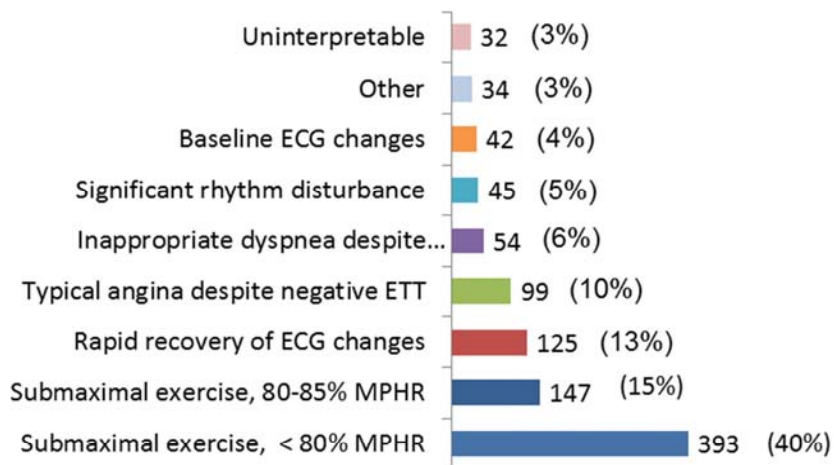
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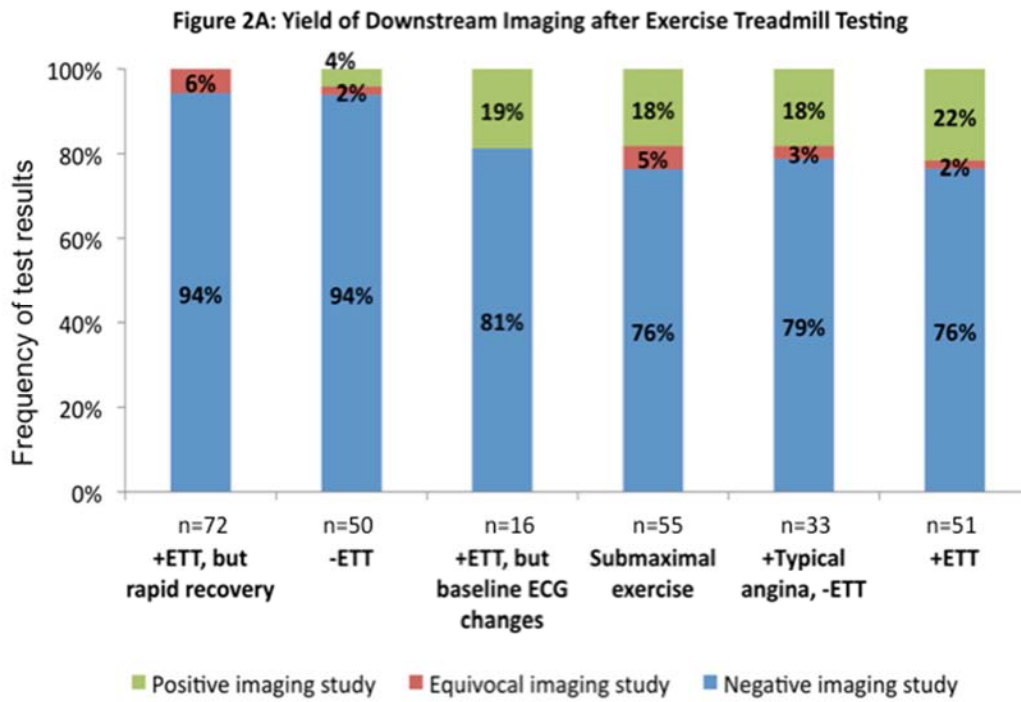
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- 1C) Characteristics of patients with positive versus negative downstream tests after positive ETT (page 7)**

**Appendix 1A**

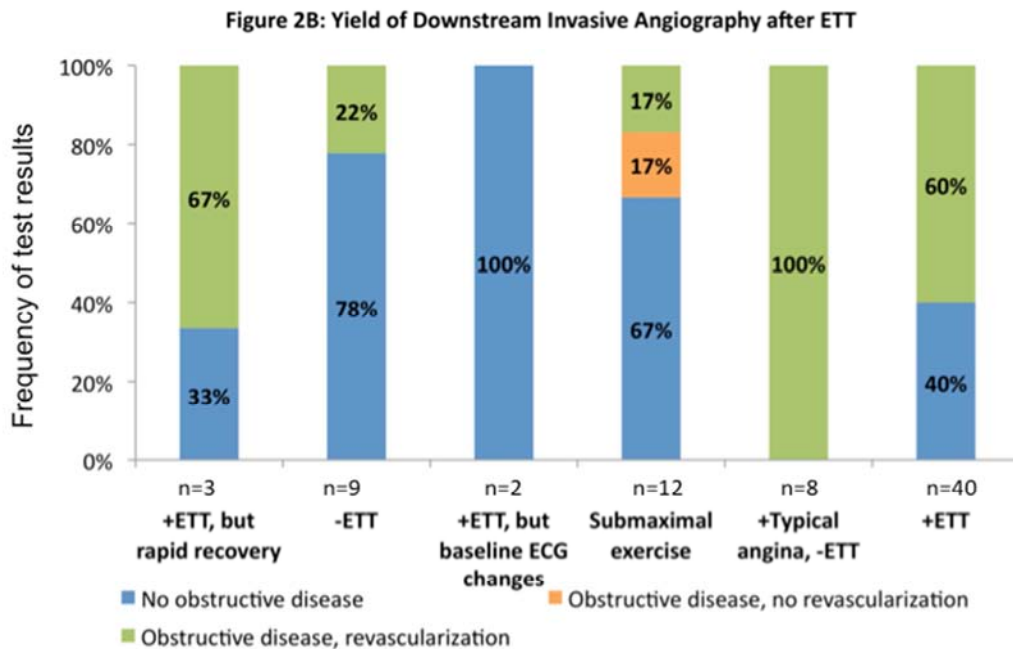
We conducted a sensitivity analysis on the frequency and results of downstream testing excluding patients lost to follow-up for cardiovascular events. All results were unchanged.

**Figure 1: Frequency of Inconclusive ETT (n=971)**

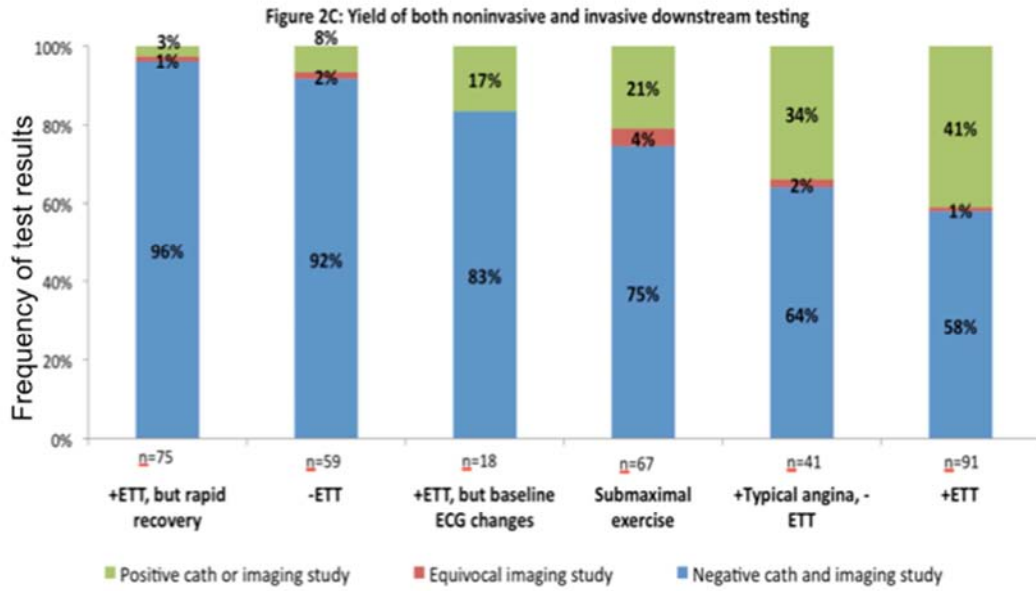




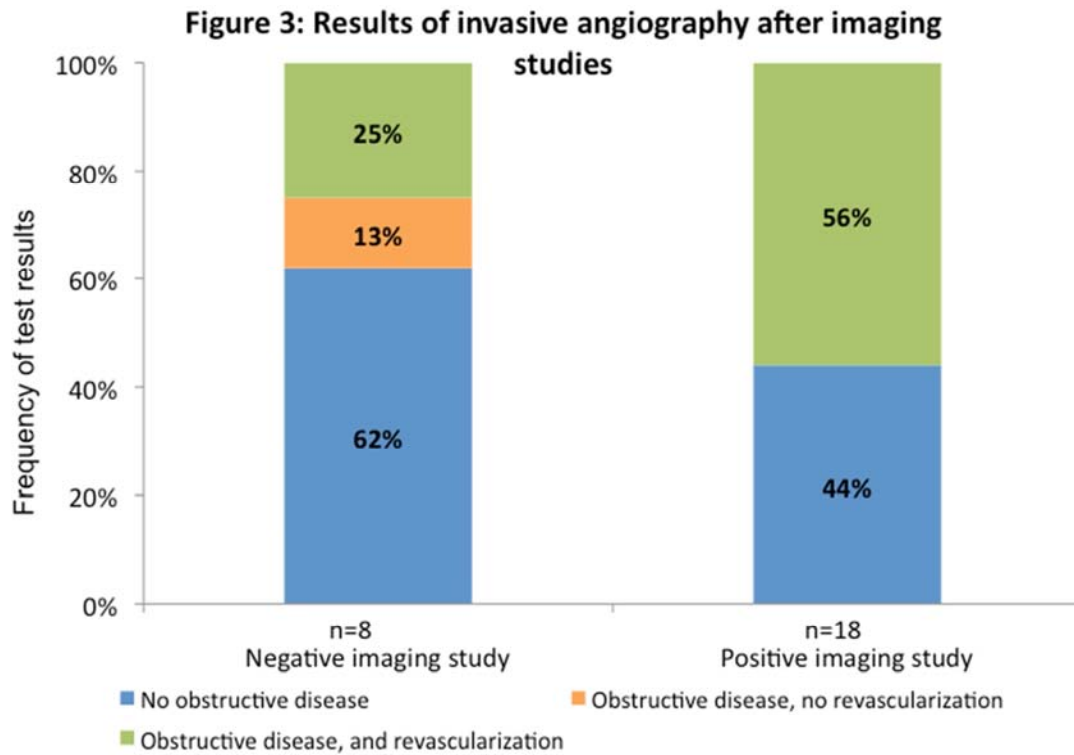
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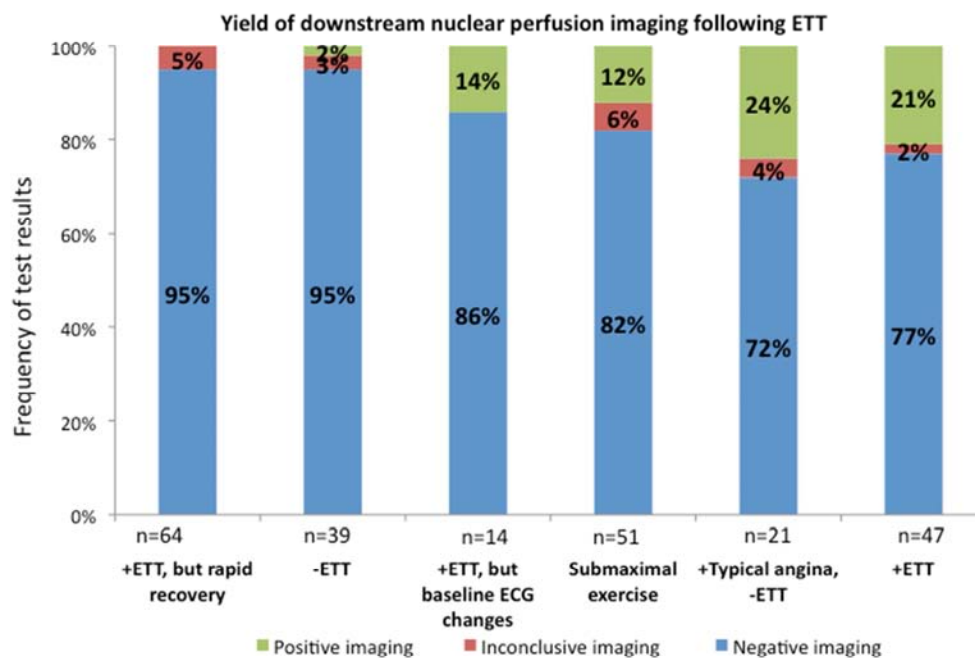
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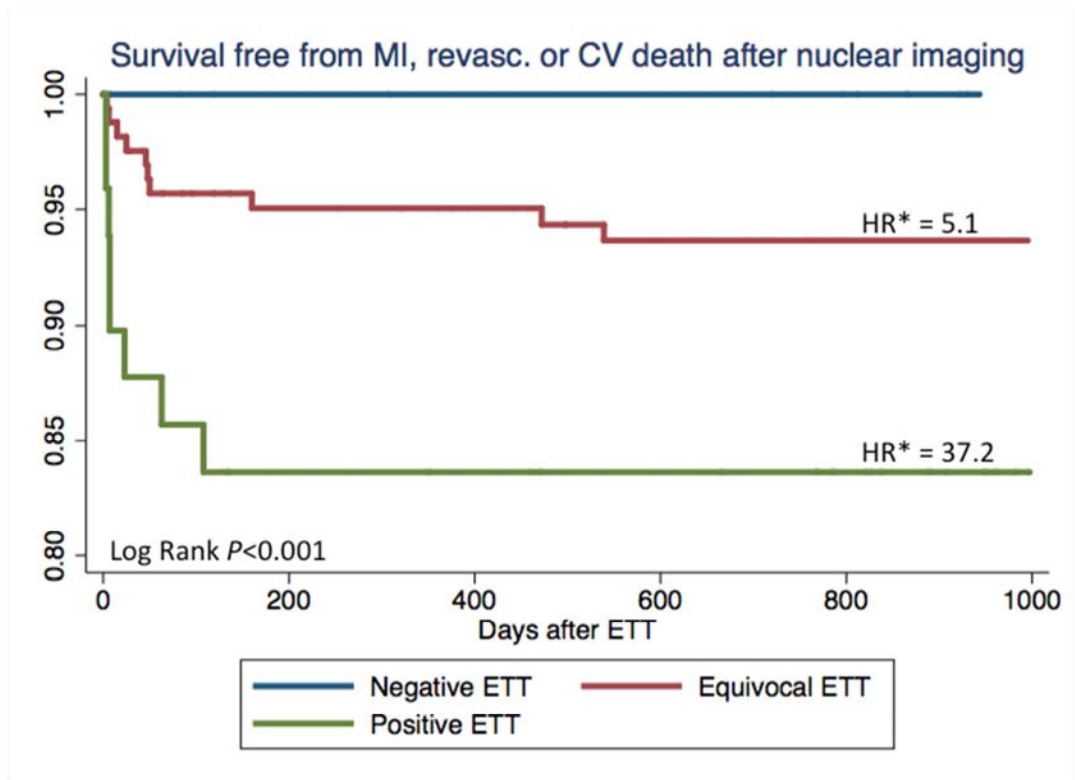
**Appendix 1B**

We repeated our analysis after excluding the patients who had Cardiac CT (N=17), CMR (N=6), and stress echocardiography (N=39) as part of their follow-up testing. The results remain unchanged and the differences in survival stratified by ETT results were unchanged, as shown in the two figures below.

Appendix 1B, Figure 1:



Appendix 1B, Figure 2:



**Appendix 1C**

We compared characteristics of patients with positive versus negative downstream tests after positive ETT, and found that a higher proportion of patients with positive downstream tests after positive ETT were male, older, and had a lower Duke Treadmill Score and typical angina during ETT, as tabulated below.

Appendix 1C, Table 1: Characteristics of patients with positive vs. negative downstream tests after positive ETT

	Positive Downstream test (n=37)	Negative Downstream test (n=57)	<i>P</i> -value
Male	25 (68%)	23 (40%)	0.010
Age, years (standard deviation, SD)	64 (11)	59 (11)	0.033
Hypertension	20 (54%)	32 (56%)	0.842
Diabetes	6 (16%)	7 (12%)	0.589
Hyperlipidemia	15 (40%)	29 (51%)	0.326
Current smoker	6 (16%)	7 (12%)	0.589
Family history of CAD	17 (46%)	31 (54%)	0.424
BMI (SD)	28.3 (5.1)	26.7 (6.6)	0.219
Morise score (SD)	12.9 (3.9)	11.7 (4.9)	0.222
Morise pre-test probability of CAD	47.3%	42.5%	0.320
METs (SD)	8.8 (2.7)	10.0 (3.1)	0.062
Duke Treadmill Score	-2.9 (6.3)	0.5 (4.2)	0.003

(SD)			
No symptoms during test	11 (30%)	29 (50%)	0.043
Typical angina during test	15 (40%)	11 (19%)	0.024
Atypical angina during test	2 (5%)	1 (2%)	0.325
Dyspnea during test	9 (24%)	14 (24%)	0.979
Other symptoms during test	12 (32%)	9 (15%)	0.058