Diagnosis Unit	Overall			Matched Pairs		
	INHA EVENTS/n	TIVA EVENTS/n	Overall n (%)	INHA EVENTS/n	TIVA EVENTS/n	Overall n (%)
Breast	52/603	103/1560	2163 (30.8)	42/546	70/876	1422 (27.3)
GI Tract	223/504	137/418	922 (13.1)	183/365	116/363	728 ((13.9)
Gynaecology	133/428	81/331	759 (10.8)	100/347	69/274	621(11.9)
Sarcoma	128/625	77/491	1116 (15.9)	85/502	62/344	846 (16.2)
Urology	41/432	41/670	1102 (15.7)	51/294	38/560	854 (16.4)
Other tumour diagnosis	179/724	65/244	968 (13.8)	136/553	52/190	743 (14.3)

Supplementary Table 1. Summary of patients by cancer diagnosis units

Sub-group	Patients	Variables in the model
GI tract	Overall	Anaes, epidural, ASA, Severity and Met
	Matched	Same as overall apart from epidural
Urology	Overall	Anaes groups not significant
	Matched	Same as overall
Severity (1)	Overall	Anaes, blood transfusion, ASA and Met
	Matched	As in the overall
Severity (2)	Overall	Anaes, gender, blood transfusion, eodural, ASA and Met
	Matched	As in the overall apart from blood transfusion
Severity (3)	Overall	ASA and Met
	Matched	Age, blood transfussion, ASA and Met
Severity (4)	Overall	Anaes, age, blood transfusion, epdural, ASA and Met
	Matched	As in the overall apart frin blood transfusion
ASA (I)	Overall	Anaes, age, gender, epidural and Met
	Matched	As in the overall
ASA (II)	Overall	Anaes, age, gender, blood transfussion, severity and Met
	Matched	As in the overall plus epidural
ASA (III)	Overall	Anaes, gender, blood transfusion, Severity and Met
	Matched	As in the overall
ASA (IV)	Overall	Gender and Met
	Matched	As in the overall
MET (no)	Overall	Anaes, age, blood transfusion, epidural, ASA and Severity
	Matched	As in the overall
MET (yes)	Overall	Anaes, gender, ASA and Severity
	Matched	As in the overall but not age and epidural

Supplementary table 2. Variables in the sub-groups multivariate fitted models
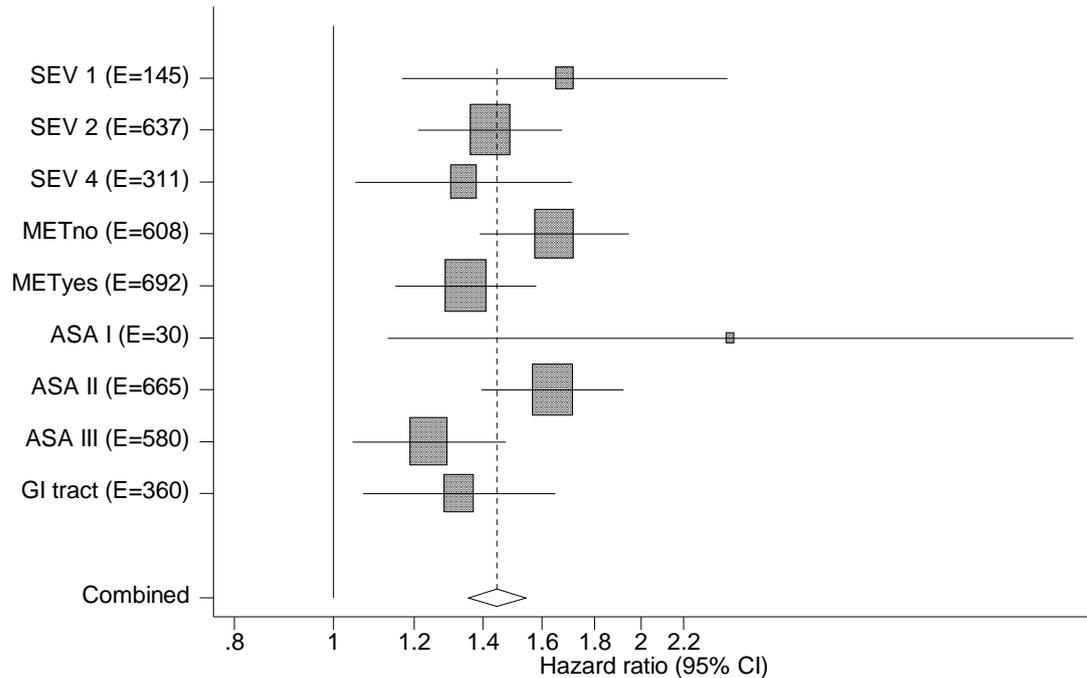
Supplementary Figure 1. Forest plot for the overall patients subgroup analysis showing multivariable (adjusted) Hazard Ratios; A subgroup analysis was undertaken to assess the association of TIVA and INHA with outcome depending on specific cancer types and severity of surgery. This analysis demonstrated a significantly worse outcome in the INHA group for all severities of surgery except 3 (which demonstrated a trend), for patients scored ASA I-III and for patients with or without metastasis at the time of surgery.

E = Events

MET no = Metastasis not present at time of surgery

MET yes = Metastasis present at time of surgery

SEV = Severity of surgery

Surgical Severity was graded 1 (least) to 4 (most) according to a scale derived by the National Institute for Health and Care Excellence