

## Supplemental results

Of the 52 patients identified, 21(40%) were females, and the median (range) BMI was 27.65kg/m<sup>2</sup> (20.6-42.5). 2 patients (3.8%) had a history of current methadone use, and 11 (21.1%) were using regular prescription opioids preoperatively.

Local anaesthetic infiltration at the surgical site was done for 39 (75%) of patients, and regional blocks were performed for 15 (28.8%) of patients.

The distribution of ASA scores were as follows: 11 (21.1%) were ASA 1, 21 (40.3%) were ASA 2, 17 (32.7%) were ASA 3, and 3 (5.7%) were ASA 4.

The median (range) surgery duration was 133 minutes (50-517), anaesthesia duration was 216.5 minutes (70-625), and duration in the post-anaesthesia care unit (PACU) was 77 minutes (30-265).

Regarding methadone dosing, 27 patients (51.9%) had methadone doses topped up during surgery, and 2 (3.8%) had top-up doses in PACU.

The mean (std) oMEDD of intraoperative opioids administered was 38.14mg (25.69). The mean (std) BIS scores intraoperatively was 38.21 (7.43).

The median (range) duration of the PCA was 17.75 hours (5.27-107.33).

In total, 3 patients (5.8%) did not require any postoperative opioids during their admission.

A total of 41 (78.8%) of patients had discharge prescriptions for opioids, with a mean (std) total oMEDD of 110.26mg (90.26).

4 (7.7%) of patients were admitted to ICU/HDU postoperatively.

A total of 6 (11.5%) MET calls were activated postoperatively during the concurrent admission.

Patient demographics (n=75)	
Median age (IQR)	51.48 years (21.63)
Female	40 (53%)
Mean BMI	28.91 kg/m <sup>2</sup> (±5.75)
Non-smoker	46 (61%)
Low aspiration risk	57 (76%)
History of PONV	5 (6.6%)
History of prior opioid use	16 (21%)

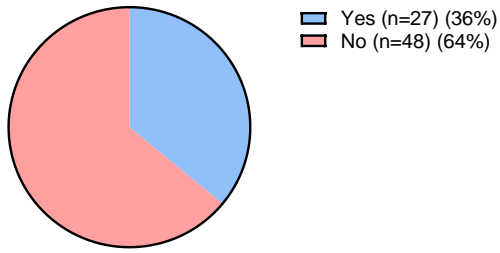
Surgical details	
Emergency cases	27 (36%)
Orthopaedics	39 (52%)
General Surgery	18 (24%)
O&G	16 (21%)
Plastics	2 (2.6%)
Mean surgery duration	154.91mins ( $\pm$ 104.81)
Anaesthetic details	
ASA I	14 (18%)
ASA II	32 (42%)
ASA III	25 (33%)
ASA IV	4 (5.3%)
Mean anaesthetic duration	228.49mins ( $\pm$ 118.41)
Mean time in recovery	84.03mins ( $\pm$ 46.98)

Intraoperative details	
Regional block for surgery	16
No muscle relaxants used	12
No other intraoperative opioids	4
Mean intraoperative oMEDD	37.39mg ( $\pm$ 23.17)
Mean BIS scores	38.2 ( $\pm$ 7.99)

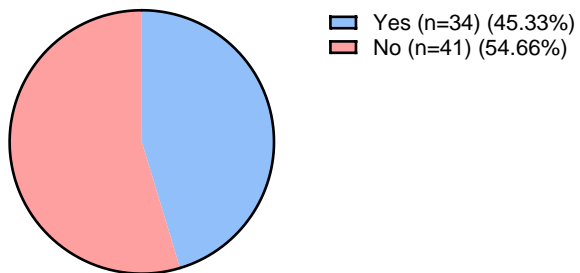
<b>Postoperative details</b>	
<b>Mean time to first opioid administration</b>	184.8mins ( $\pm$ 264)
<b>ICU/HDU admissions</b>	6
<b>MET calls</b>	6
<b>Discharge opioid prescriptions</b>	55
<b>Discharge mean oMEDD</b>	111.71mg ( $\pm$ 89.14)
<b>Mean hospital length of stay</b>	6.14 days ( $\pm$ 9.76)

<b>oMEDD conversion chart</b>		
<b>ORAL</b>		
<b>Morphine</b>	mg/day	1
<b>Oxycodone</b>	mg/day	1.5
<b>Codeine</b>	mg/day	0.13
<b>Tramadol</b>	mg/day	0.2
<b>Tapentadol</b>	mg/day	0.3
<b>SUBLINGUAL</b>		
<b>Buprenorphine</b>	mg/day	40
<b>TRANSDERMAL</b>		
<b>Buprenorphine</b>	microg/hr	2
<b>Fentanyl</b>	microg/hr	3
<b>PARENTERAL</b>		
<b>Morphine</b>	mg/day	3
<b>Oxycodone</b>	mg/day	3
<b>Fentanyl</b>	microg/day	0.25
<b>Alfentanil</b>	mg/day	30
<b>Tramadol</b>	mg/day	0.24

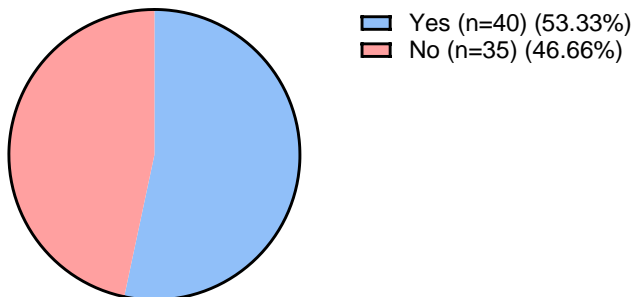
### Anti-emetics needed in PACU



### Opioid needed in PACU



### PCA



### Opioid administered during postoperative stay

