

Ethirgast Monthly Report

Ethirgast

January 22, 2026

1 Registrations in Ethirgast

This document contains some summary statistics for Ethirgast and is based on operations performed at St. Paul's in the period 2023-12-18 to 2025-12-22. It will be expanded as the number of registrations increase.

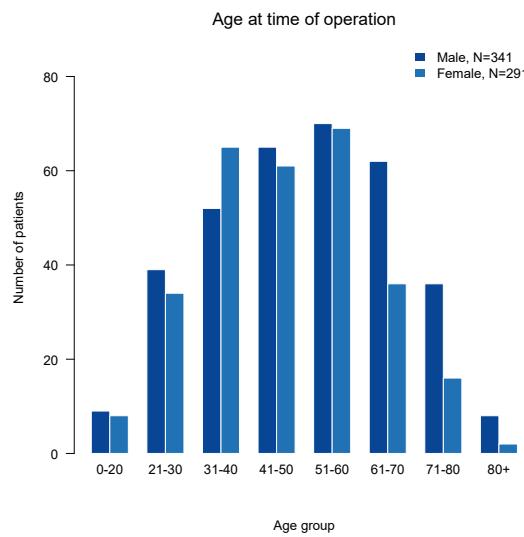


Figure 1: Number of completed obligatory registrations grouped by age and gender

| operation_group | [0,21) | [21,31) | [31,41) | [41,50) |
|---|---------------|---------------|----------------|---------|
| Biliodigestive anastomosis, benign aethiology | 0.0 % (N=2) | 30.8 % (N=13) | 26.7 % (N=30) | 37.5 |
| Biliodigestive anastomosis, C & D diagnosis | 100.0 % (N=1) | 100.0 % (N=1) | 30.0 % (N=10) | 45.5 |
| Colonic resection | 40.0 % (N=5) | 56.7 % (N=30) | 61.8 % (N=34) | 56.5 |
| Distal and other pancreatic | 0.0 % (N=1) | 0.0 % (N=1) | 25.0 % (N=4) | 50.0 |
| Gastric resection | 100.0 % (N=1) | 66.7 % (N=3) | 50.0 % (N=6) | 40.0 |
| Liver resection | 100.0 % (N=1) | 28.6 % (N=7) | 66.7 % (N=6) | 83.3 |
| Oesofagus resection | | 100.0 % (N=3) | 40.0 % (N=5) | 14.3 |
| Rectal resection | | 100.0 % (N=1) | 0.0 % (N=2) | 100. |
| Stoma reversal procedures | 75.0 % (N=4) | 69.2 % (N=13) | 61.5 % (N=13) | 70.6 |
| Whipple's procedure | 50.0 % (N=2) | 0.0 % (N=1) | 28.6 % (N=7) | 33.3 |
| Total | 52.9 % (N=17) | 53.4 % (N=73) | 44.4 % (N=117) | 51.6 |

Table 1: Proportion of men in each operation and age group

| Operation | N |
|---|-----|
| Other | 558 |
| Colonic resection | 223 |
| Biliodigestive anastomosis, benign aethiology | 108 |
| Stoma reversal procedures | 64 |
| Biliodigestive anastomosis, C & D diagnosis | 63 |
| Oesofagus resection | 43 |
| Gastric resection | 39 |
| Liver resection | 38 |
| Whipple's procedure | 34 |
| Distal and other pancreatic | 12 |
| Rectal resection | 9 |

Table 2: Completed registrations by operation group

| Formtype | Total | Created | Unfinished | Completed |
|--------------|-------|---------|------------|-----------|
| registration | 644 | 0 | 11 | 633 |
| readmission | 565 | 25 | 17 | 523 |
| ninetydays | 561 | 71 | 26 | 464 |

Table 3: Registration by registration status. Only obligatory operations.

1.1 Results

| operation_group | n_relap | N | pst_relap |
|---|---------|-----|-----------|
| Colonic resection | 27 | 217 | 12.4 |
| Liver resection | 1 | 38 | 2.6 |
| Biliodigestive anastomosis, C & D diagnosis | 2 | 61 | 3.3 |
| Biliodigestive anastomosis, benign aethiology | 4 | 103 | 3.9 |
| Whipple's procedure | 5 | 33 | 15.2 |
| Stoma reversal procedures | 0 | 61 | 0.0 |
| Distal and other pancreatic | 0 | 12 | 0.0 |
| Gastric resection | 2 | 36 | 5.6 |
| Oesofagus resection | 3 | 42 | 7.1 |
| Rectal resection | 2 | 9 | 22.2 |
| Total | 46 | 612 | 7.5 |

Table 4: Relaparotomy/laparoscopy rate per operation group. Nominator: All patients with relap registered on either index form or 30d follow-up. Denominator: Number of complete admission forms with minimum of 40 days follow-up time

| operation_group | Yes - physically | Yes - phone | Yes - relatives | No | N |
|---------------------|------------------|-------------|-----------------|----|-----|
| Colonic resection | 29 | 117 | 25 | 4 | 175 |
| Biliodigestive | | | | | |
| anastomosis, C & D | 31 | 4 | 2 | 6 | 43 |
| diagnosis | | | | | |
| Biliodigestive | | | | | |
| anastomosis, benign | 68 | 10 | 0 | 3 | 81 |
| aethiology | | | | | |
| Liver resection | 27 | 1 | 0 | 1 | 29 |
| Whipple's procedure | 14 | 0 | 0 | 1 | 15 |
| Stoma reversal | | | | | |
| procedures | 7 | 37 | 9 | 3 | 56 |
| Distal and other | | | | | |
| pancreatic | 7 | 1 | 0 | 1 | 9 |
| Gastric resection | 14 | 8 | 1 | 1 | 24 |
| Oesofagus resection | 19 | 1 | 0 | 3 | 23 |
| Rectal resection | 0 | 6 | 0 | 1 | 7 |
| Total | 216 | 185 | 37 | 24 | 462 |

Table 5: Status 90-day followup per operation group. Only completed forms included, and only patients where followup is indicated.

| operation_group | N | conf_dead | lost2followup | worstcase |
|---------------------|-----|------------|---------------|------------|
| Biliodigestive | | | | |
| anastomosis, C & D | 57 | 18 (31.6%) | 7 (12.3%) | 25 (43.9%) |
| diagnosis | | | | |
| Biliodigestive | | | | |
| anastomosis, benign | 97 | 5 (5.2%) | 14 (14.4%) | 19 (19.6%) |
| aethiology | | | | |
| Colonic resection | 195 | 28 (14.4%) | 4 (2.1%) | 32 (16.4%) |
| Distal and other | | | | |
| pancreatic | 11 | 1 (9.1%) | 2 (18.2%) | 3 (27.3%) |
| Gastric resection | 30 | 5 (16.7%) | 2 (6.7%) | 7 (23.3%) |
| Liver resection | 33 | 3 (9.1%) | 2 (6.1%) | 5 (15.2%) |
| Oesofagus resection | 37 | 10 (27.0%) | 5 (13.5%) | 15 (40.5%) |
| Rectal resection | 8 | 1 (12.5%) | 1 (12.5%) | 2 (25.0%) |
| Stoma reversal | | | | |
| procedures | 51 | 2 (3.9%) | 2 (3.9%) | 4 (7.8%) |
| Whipple's procedure | 29 | 7 (24.1%) | 8 (27.6%) | 15 (51.7%) |

Table 6: N is the number of included patients with a minimum of 110 days follow-up time. unknown is the number of patients that are lost to follow-up at 90 days (not confirmed alive or dead).

| operation_group | op_year | N | conf_dead | lost2followup | worstcase |
|---|---------|----|------------|---------------|------------|
| Colonic resection | 2023 | 1 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Biliodigestive anastomosis, C & D diagnosis | 2024 | 31 | 8 (25.8%) | 5 (16.1%) | 13 (41.9%) |
| Biliodigestive anastomosis, benign aethiology | 2024 | 56 | 3 (5.4%) | 1 (1.8%) | 4 (7.1%) |
| Colonic resection | 2024 | 98 | 7 (7.1%) | 2 (2.0%) | 9 (9.2%) |
| Distal and other pancreatic | 2024 | 5 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Gastric resection | 2024 | 18 | 2 (11.1%) | 0 (0.0%) | 2 (11.1%) |
| Liver resection | 2024 | 23 | 3 (13.0%) | 1 (4.3%) | 4 (17.4%) |
| Oesofagus resection | 2024 | 27 | 10 (37.0%) | 2 (7.4%) | 12 (44.4%) |
| Rectal resection | 2024 | 6 | 1 (16.7%) | 1 (16.7%) | 2 (33.3%) |
| Stoma reversal procedures | 2024 | 33 | 1 (3.0%) | 2 (6.1%) | 3 (9.1%) |
| Whipple's procedure | 2024 | 18 | 4 (22.2%) | 2 (11.1%) | 6 (33.3%) |
| Biliodigestive anastomosis, C & D diagnosis | 2025 | 21 | 6 (28.6%) | 1 (4.8%) | 7 (33.3%) |
| Biliodigestive anastomosis, benign aethiology | 2025 | 40 | 1 (2.5%) | 13 (32.5%) | 14 (35.0%) |
| Colonic resection | 2025 | 45 | 6 (13.3%) | 0 (0.0%) | 6 (13.3%) |
| Distal and other pancreatic | 2025 | 5 | 0 (0.0%) | 2 (40.0%) | 2 (40.0%) |
| Gastric resection | 2025 | 11 | 3 (27.3%) | 2 (18.2%) | 5 (45.5%) |
| Liver resection | 2025 | 10 | 0 (0.0%) | 1 (10.0%) | 1 (10.0%) |
| Oesofagus resection | 2025 | 10 | 0 (0.0%) | 3 (30.0%) | 3 (30.0%) |
| Rectal resection | 2025 | 1 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Stoma reversal procedures | 2025 | 14 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Whipple's procedure | 2025 | 11 | 3 (27.3%) | 6 (54.5%) | 9 (81.8%) |

Table 7: Elective. N is the number of included patients with a minimum of 110 days follow-up time. unknown is the number of patients that are lost to follow-up at 90 days (not confirmed alive or dead).

| operation_group | op_year | N | conf_dead | lost2followup | worstcase |
|---|---------|----|------------|---------------|------------|
| Biliodigestive anastomosis, C & D diagnosis | 2024 | 2 | 2 (100.0%) | 0 (0.0%) | 2 (100.0%) |
| Biliodigestive anastomosis, benign aethiology | 2024 | 1 | 1 (100.0%) | 0 (0.0%) | 1 (100.0%) |
| Colonic resection | 2024 | 23 | 8 (34.8%) | 2 (8.7%) | 10 (43.5%) |
| Distal and other pancreatic | 2024 | 1 | 1 (100.0%) | 0 (0.0%) | 1 (100.0%) |
| Gastric resection | 2024 | 1 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Stoma reversal procedures | 2024 | 3 | 1 (33.3%) | 0 (0.0%) | 1 (33.3%) |
| Biliodigestive anastomosis, C & D diagnosis | 2025 | 3 | 2 (66.7%) | 1 (33.3%) | 3 (100.0%) |
| Colonic resection | 2025 | 28 | 7 (25.0%) | 0 (0.0%) | 7 (25.0%) |
| Rectal resection | 2025 | 1 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |
| Stoma reversal procedures | 2025 | 1 | 0 (0.0%) | 0 (0.0%) | 0 (0.0%) |

Table 8: Emergency surgery. N is the number of included patients with a minimum of 110 days follow-up time. unknown is the number of patients that are lost to follow-up at 90 days (not confirmed alive or dead).

| operation_group | n_leak | N | pst_leak |
|---|--------|-----|----------|
| Colonic resection | 13 | 154 | 8.4 |
| Liver resection | 0 | 6 | 0.0 |
| Biliodigestive anastomosis, C & D diagnosis | 0 | 61 | 0.0 |
| Biliodigestive anastomosis, benign aethiology | 2 | 103 | 1.9 |
| Whipple's procedure | 1 | 33 | 3.0 |
| Stoma reversal procedures | 0 | 52 | 0.0 |
| Gastric resection | 0 | 36 | 0.0 |
| Oesofagus resection | 1 | 42 | 2.4 |
| Rectal resection | 0 | 4 | 0.0 |
| Distal and other pancreatic | 0 | 1 | 0.0 |
| Total | 17 | 492 | 3.5 |

Table 9: Anastomosis leakage (within 30 days). Selection: Denominator consists of all patients with a minimum of 40 days follow-up time who have a new anastomosis created. The nominator consists of all patients in the denominator that are registered with anastomosis leakage in either the registration or 30d readmission form.

| operation_group | N | N_complete_followup | N_followed_up | pst_followed_up |
|---|-----|---------------------|---------------|-----------------|
| Colonic resection | 195 | 191 | 187 | 95.9 |
| Liver resection | 33 | 31 | 30 | 90.9 |
| Biliodigestive anastomosis, C & D diagnosis | 57 | 54 | 48 | 84.2 |
| Biliodigestive anastomosis, benign aethiology | 97 | 85 | 82 | 84.5 |
| Whipple's procedure | 29 | 22 | 21 | 72.4 |
| Stoma reversal procedures | 51 | 51 | 48 | 94.1 |
| Distal and other pancreatic | 11 | 10 | 9 | 81.8 |
| Gastric resection | 30 | 25 | 24 | 80.0 |
| Oesofagus resection | 37 | 32 | 30 | 81.1 |
| Rectal resection | 8 | 8 | 7 | 87.5 |
| Total | 548 | 509 | 486 | 88.7 |

Table 10: N is the number of complete admission forms with minimum of 110 days follow-up time, while N_complete_followup is the number of cases with either a closed ninety days forms or registered as dead in index stay or 30 day follow-up among the N. N_followed_up is the number forms where the patient has been followed up among N_complete_followup. Being registered as dead in index stay or 30 day follow-up counts as a complete follow-up. pst_followed_up is the corresponding percentage.