**Participant Flow**

Patients treated with COMODA method

(n=10)

Follow-up 2-3 weeks

Patients with definitive abdominal wall closure

n=8

Patients died

n=2

Follow-up 2-3 weeks

Patients with an incisional hernia

n=0

Patients without incisional hernia

n=8

**Baseline Characteristics**

| Table 1 Patient characteristics and comorbidity | |
| --- | --- |
| Age; median (range) | 68.8 years (43-87) |
| Male (%) | 10 (100%) |
| BMI; median (range) | 28.1 (24.8-32) |
| Diabetes; N (%) | 0 (0) |
| Smokers; N (%) | 5 (50) |
| COPD; N (%) | 4 (40) |
| Corticosteroids treatment; N (%) | 2 (20) |
| Malnutrition; N (%) | 10 (100) |
| Obesity; N (%) | 3 (10) |

AAA = Abdominal aortic aneurysm; IAP = Intra-abdominal pressure

**Outcome Measures**

| Table 2 Pre and intraoperative findings | |
| --- | --- |
| Diagnosis |  |
| Sepsis; N (%) | 6 (60) |
| Evisceration; N (%) | 2 (20) |
| AAA; (%) | 2 (20) |
| Surgical features |  |
| Surgical procedures; median (range) | 5,7 (4-9) |
| IAP after closure; median (range) | 11,26 mmHg (9,1-13,2) |
| Separation aponeurotic edges; median (range) | 19,98 cm (16.5-24.2) |
| Definitive closure; N (%) | 8 (80) |

AAA = Abdominal aortic aneurysm; IAP = Intra-abdominal pressure

| Table 3 Postoperative findings | |
| --- | --- |
| Complications |  |
| Wound infection; N (%) | 0 (0) |
| Intestinal fistula after NPWT; N (%) | 1 (10) |
| Incisional hernia; N (%) | 0 (0) |
| Non-surgical variables |  |
| Hospital stay; median (range) | 36.3 days (18-52) |
| Follow-up; median (range) | 11.25 months (6-19) |
| Mortality: N (%) | 2 (20) |

NPWT = Negative pressure wound therapy

**Adverse Events**

No adverse events associated with this trial