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Pedicle ALT flap for Abdominal Wall Reconstruction – a two centre experience**Eleni Hadjikyriacou***St. Marks Hospital, London, United Kingdom***Aims:** We report one of the largest case series to date, with ten successful cases of large abdominal wall reconstruction with a pedicle ALT flap.**Methods:** The records of ten patients, that underwent abdominal wall reconstruction with a pedicle ALT flap at St Marks Hospital and St Thomas' Hospital between 2011-2019, were analysed retrospectively. Data was extracted looking at patient demographics, co-morbidities, adjuvant therapy and post-operative outcomes. Post-operative outcomes included return to theatre, DVT/PE, length of hospital stay, presence of hernia and wound complications grouped as minor and major.**Results:** The mean age of patients was 55 with a 5 male and 5 female patient distribution. The average length of stay was 47 days. In terms of complications 1 patient developed a hernia, 3 patients developed wound complication requiring an early return to theatre (partial flap loss).**Conclusions:** Our experience has shown that this flap is a safe, robust and reliable option for reconstruction of the anterior abdominal wall following major excisions, with an acceptable rate of complications compared to other reconstructive options.**Biography**

Eleni Hadjikyriacou undertook her primary medical qualification, Masters in Medicine, at the age of 24 years from University of Debrecen, Hungary. Following graduation she began her foundation training in UK, at general surgery department in Harrow Hospital, London. She is currently a Core Surgical Trainee in Plastics at Morristons Hospital in Swansea.

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