

### 815 The Impact and Implications for The Workload for Vascular Surgery as A Result of the COVID-19 Lockdown

J. Nicholls, C. Stewart, J. Coulston

*Musgrove Park Hospital, Taunton, United Kingdom*

**Introduction:** The emergence of the coronavirus pandemic and subsequent UK lockdown resulted in a significant reduction in elective vascular surgery to increase critical care capacity. We aimed to ascertain the impact of lockdown on the workload of a busy vascular surgical unit.

**Method:** Data on all major vascular procedures performed between March 2020 and June 2020 were collected prospectively. Comparison to the same time period over the last 6 years was performed using a prospectively maintained database.

**Results:** 92 major cases were performed, a reduction of 30% compared with cases performed during similar periods (803 cases total, mean 133), with an increased proportion of unplanned & emergency cases (35.9% & 31.5% vs 31.4% & 20.5%).

There was a significant reduction in aortic procedures (19 vs mean 36). Despite the reduction in cases there was a similar number of amputations performed (9 vs mean 10).

**Conclusions:** The lockdown period resulted in a 30% reduction in cases performed with far fewer aortic procedure performed and a similar number of amputations. These pending cases will need consideration, especially with critical care capacity to ensure they are completed within a timely period. Considerations for capacity are also pertinent given the approach of winter and the possibility of a second wave.