Single Port Access (SPATM) technique: video summary

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The Single Port Access (SPA) technique offers a novel approach to minimally invasive abdominal surgery [1–2]. Using standard instrumentation, laparoscopic procedures can be performed entirely through the umbilicus in a similar fashion to standard multiport procedures.

Utilizing subcutaneous flaps, very low-profile trocars, and standard instruments, we have demonstrated a platform that allows “independence of motion” for each of three instruments and a camera in a wide array of laparoscopic procedures, including cholecystectomy, colon resection, GE jxn procedures, hysterectomy, splenectomy, and adrenalectomy [3–6].

This technique allows the entire incision to be hidden within the umbilicus. In addition, based on standard instrumentation, the technique can be learned in a stepwise progression from multiport to Single Port Access surgery [1, 3–6].

This video demonstrates the technique as it applies to cholecystectomy.

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