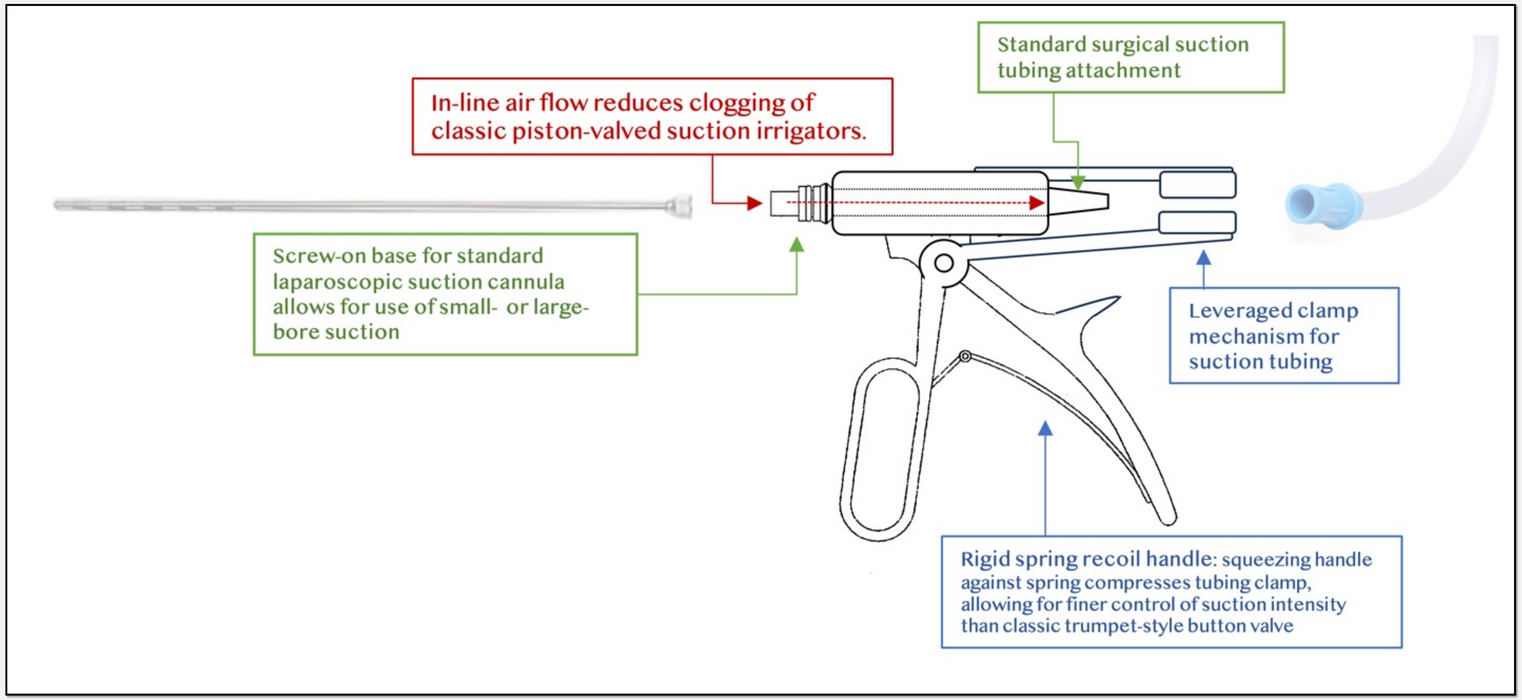
Novel Reusable Ergonomic Laparoscopic Suction Device

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The Limitations of Current Designs

- **Suction-irrigator combinations:** In predictable cases, irrigation is not needed
- **Disposable handles:** Single-use handles add to OR waste and unnecessary increased cost per case
- **Trumpet-style suction handle:** less fine control than a leveraged hand grip; leads to rapid loss of pneumoperitoneum
- **Bifurcated, nonlinear airflow of combination suction-irrigator devices:** more likely to obstruct with debris in suction handle



Our Design

- Works with standard laparoscopic suction tips and tubing
- Ergonomic design similar to familiar laparoscopic graspers
- In-line central chamber without bifurcation nor flow-regulating mechanism → less obstruction

Takeaway: *This device is simple, reusable, addresses the shortcomings of current devices on the market, and can be easily used by any qualified surgical staff*

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