

Bowel - Portion of Jejunum

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This 3D printed specimen presents a small loop of jejunum and mesentery. A window into the mesentery, fat and visceral peritoneum has been removed to illustrate the arterial arcades in the mesentery (many long straight vasa rectae and fewer vascular arcades than in ileum). Also note the presence of lymph nodes (grey-light green) which are a prominent feature of the mesentery, especially near its root close to larger vessels. Classically the fat in the mesentery in the jejunum does not extend to the mesenteric border of the jejunum and would normally allow the observer to view the long straight vessels (vasa recti). However in this example from an individual with a reasonably large amount of abdominal fat, this 'window' is not apparent as fat extends further towards the mesenteric border of the jejunum. A small segment of the lumen of the jejunum has been opened to reveal the nature of the mucosal folding (more folds and smaller folds than the ileum).