Colon Atresia
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History
Newborn with abdominal distention.

Diagnosis
Colonic Atresia

Additional Clinical
Surgery-Complete atresia of the distal transverse colon with dilated distal small bowel at laparotomy.

Discussion
The incidence of intestinal atresia is between 1/1,500 to 1/20,000 newborn infants; atresias of the colon account for less than 15% of these. Colonic atresias are difficult to differentiate from distal small bowel atresias radiographically. Colonic atresias are likely related to “vascular insufficiency,” and are equally distributed proximal and distal to the splenic flexure. Three types of atresias are seen: Type I-complete occlusion separated by an diaphragm, Type II-two blind ending loops connected by fibrous cord, and Type III-two blind ending loops with associated mesenteric defect and no intervening cord. Type II and III are more common in the right colon and Type I is more common in the left colon.

Findings
FL-Preliminary image shows markedly distended loop of bowel in the upper abdomen. Micro-colon with abrupt cessation of retrograde flow of contrast in the left upper quadrant on water-soluble enema.

Reference

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