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Subtotal long segment bowel atresia in a preterm infant: A special case report

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We report on a preterm infant (24+2 WGA, 490 g birth weight) who presented with an acute abdomen suspicious of a perforated NEC after a so far typical course of such a sick baby on our NICU. The baby was passing meconium flakes and urine and was on combined enteral and parenteral feeding since birth. Initial sequential ultrasounds and X-rays so far showed no serious abdomino-visceral pathology. During emergency surgery a subtotal continuous atretic intestine starting from the ligament of Treitz down to the sigmoid region was detected. No continuity of the intestine or visible mesenteric vasculature was found. In addition, an ischemic gastric wall perforation and a large liver hematoma with an ongoing DIC were detected. The final outcome was fatal. We concluded, that this might be an extremely rare variant of a hereditary multiple (subtotal) apple peel atretic bowel syndrome.

Biography

Andreas Martin Fette has earned his Doctoral degree from the Johannes Gutenberg University, Medical School in Mainz Germany in 1992. He has also completed his Clinical Training in all subspecialties in several accredited European Pediatric Surgery training centers before he passed successfully National and European Board certification in Surgery and Pediatric Surgery. In all day clinical practice he headed several WHO accredited projects and developed the specialty of pediatric surgery in many developing or Third World countries. In 2010, he has completed his PhD studies at the University of Pecs Medical School, Hungary. Since then, he received Professorship and acted as a Senior Lecturer at international universities. He has authored more than 20 book chapters, published nearly 100 peer reviewed journal articles and presented more than 200 lectures at international congresses.

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