

# 4<sup>th</sup> International Conference on **Pediatrics & Pediatric Emergency Medicine**

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## Neonatal intestinal obstruction case report

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A neonate child, primigravida with features of Down syndrome, with multiple intestinal atresias was delivered at Ibensena teaching hospital Sirte Libya by a 39 year old mother. Diagnosis was established with plane and contrast X-Rays and was managed by Multiple intestinal anastomosis after appropriate resection. Post operative infection of chest and abdominal cavity was managed with broad spectrum antibiotics (Third generation Cephalosporins, Vancomycin) covering Gram (+) ve, Gram(-) ve organisms. Post operative state was uneventful without any complications. Parenteral nutrition supplemented with vitamins and minerals. Patient recovered from illness. Intestinal atresia can involve any position of small bowel. It is characterized by an obliteration of the bowel lumen and its replacement by a fibrous cord that connects the proximal and distal segments. Specific sub-types include apple-peel atresia, multiple intestinal atresia with mega duodenum. Traditionally intestinal atresia has been regarded as an embryologic defect. Currently the interpretation that the disease is the result of utero mechanical injury to the vascular system of the bowel is favored. This may result from interception incarceration. A causal relationship between the use of methylene blue in second -trimester amniocentesis and the occurrence of jejunal atresia has been suggested. Complications include perforation, meconium peritonitis and as a rare late occurrence -Brown - bowel syndrome.

## Biography

Roxanne Bautista is a medical student currently finishing her basic sciences at Avalon University School of Medicine. She majored in Biochemistry and Nursing during her undergraduate where she found great passion to pursue Medicine. She is committed to making positive difference, staying proactive with her involvement in medicine, while utilizing her potential in health and science field. She is a former president of Phi Chi Medical Fraternity who continues to stay active in not only in community services within her school, but also within Curacao community. She was presented "The Eben J. Carey" award for having the highest grade in anatomy and "The Rudy F. Sievers" award for being the most outstanding senior class member of Phi Chi. She has worked with the research team in Avalon and her recent research activities include a collaborative study with University of Alberta in Canada to identify and compare the modern lifestyle of Antillean and Canadian Post-Secondary students in contributing to obesity rates; and contributed in writing the pitfalls of nanomaterials with the increasing transformative technology of nanomedicine. She is grateful to present in this conference and she looks forward to contributing with many more.

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