



INVERTED MECKEL'S DIVERTICULUM CAUSING INTUSSUSCEPTION IN AN 8 MONTHS OLD INFANT - UNIQUE TO AGE AND FIRST CASE

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ABSTRACT

Introduction: Intussusceptions of infancy are usually caused by inflamed Peyer's patches. Secondary intussusceptions due to inverted Meckel's diverticulum are reported only in adolescents and adults. No this is such a unique case of an infant wherein intussusception was caused by inverted Meckel's diverticulum. **Case details:** An 8 month old infant was admitted with sudden excessive cry and bilious vomiting and bleeding per rectum. A sausage shaped mass was felt in the abdomen. The ultrasound showed diagnostic target sign of intussusception. Explorative laparotomy revealed ileoileal intussusception. The lead point was inverted Meckel's diverticulum. A segmental resection was performed. **Conclusion:** First unique case of inverted Meckel's diverticulum presenting as intussusception is being reported.

Keywords: Intussusception, Inverted Meckel's diverticulum.

INTRODUCTION

Intussusception is one of the common causes of intestinal obstruction between the ages of 6 months to 15 months. Primary and idiopathic intussusceptions are most common type. Secondary intussusceptions are rare in infancy. Meckel's Diverticulum, submucous lipoma, polyp, round worms are some of the causes of secondary Intussusception in infancy. Inverted Meckel's causing intussusceptions in infants is yet to be published. Google search showed very few cases of inverted Meckel's in adults.

Aims and objectives

To place a record the first case of inverted Meckel's in 8 months of baby boy causing secondary intussusception, very unique to the age and first report of Inverted Meckels in an infant

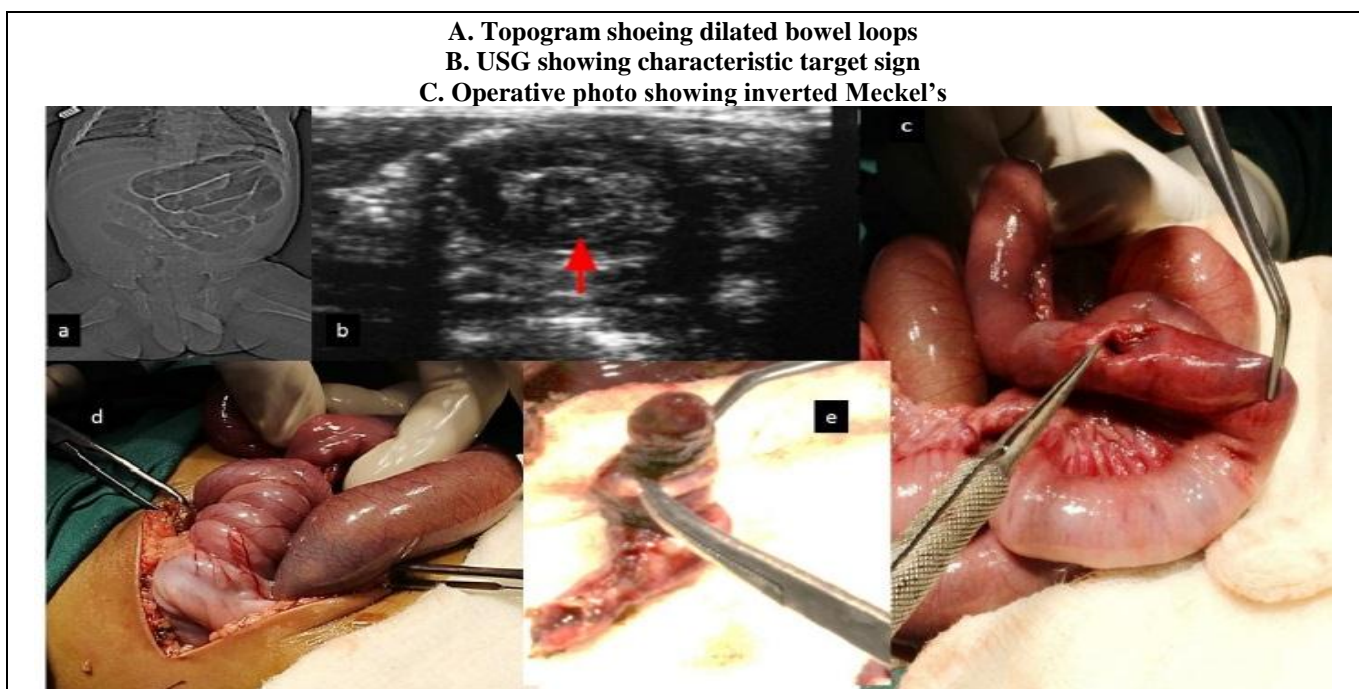
Case details

An eight months old baby boy was admitted with sudden

excessive cry and associated with bleeding per rectum. There was history of fever. No history of preceding loose motions. Examination revealed a 9kgs chubby child with a palpable mass around the umbilicus. The right iliac fossa was relatively empty an ultrasound and CT confirmed Intussuception (fig 1b). Explorative laparotomy was revealed jejunoileal intussusception extending upto ileocaecal valve. Reduction by retrograde milking was performed. Inverted Meckel's was seen with its omphalomesentric vessel inverted into ileum into and seen as a round pit(Fig 1c).Segmental resection was done with end to end anastomosis.post operative recovery was uneventful. Histopathology confirmed meckel's diverticulum (Fig 1e).

DISCUSSION

Intussusception is one of the commonest causes of intestinal obstruction [1-3].



primary intussusception secondary to inflamed Peyer's patches is the commonest type in infants. Secondary intussusception are usually seen in adults. Secondary intussusception have a lead point. Various lead points like Lipoma, Meckel's, Haemangioma, lymphangioma were earlier published, lymphangioma were earlier published [4-7]. Inverted Meckel's diverticulum causing intussusception is scarcely published in literature. All cases reported ranged from 8 years to oldest 80 years of age. Google search did not reveal any cases of inverted Meckel's causing intussusception in infancy hence the case report.

CONCLUSION

First case of inverted Meckel's diverticulum causing intussusception in 8 months of baby boy is being reported.

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