

## What is Behind Appendiceal Colic in Children that we Need to Know?

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### Introduction

Repeated abdominal pain in children is a popular symptom. Appendiceal colic in children is characterized by repeated abdominal pain in the right lower abdomen or peri-umbilical region, and tenderness on palpation over the right lower abdominal quadrant [1].

According to the report of Robertson, *et al.*, appendiceal colic was first described in 1934 [2].

### Current evidence

Appendiceal colic has a female predilection, most often found in early teen age child, and the most common symptoms was repeated colic and tenderness of McBurney's point [3].

Out of 31 children who underwent appendectomy due to suspected acute appendicitis, 7 patients have normal histological appendices, Wang, *et al.* suggest there was a subtle inflammatory process due to elevated tumor necrosis factor alpha and interleukin 2 in appendectomy specimens. In other studies, found that increased of neuropeptides expression in normal histological appendices specimens of children with abdominal pain [4]. Schisgall, *et al.* in 1980 was described that a main cause appendiceal colic by appendix contraction. Out of 115 children with recurrent abdominal pain who underwent appendectomy, 112 children are now completely well [3]. In 1999, Stevenson, *et al.* described that an appendectomy in children with appendiceal colic was curative [5].

### Conclusion

In children, appendiceal colic is a true surgical entity that presented with recurrent right lower abdominal pain with tenderness

of McBurney's point. Appendiceal colic was cured by appendectomy.

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### Conflicts of Interest

Nil.

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