

## Accepted Manuscript

Title: Operative versus Non-Operative Therapy for Acute Phlegmon of The Appendix: Is It Safer? A Case Report and Review of the Literature

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PII: S2210-2612(18)30281-5  
DOI: <https://doi.org/10.1016/j.ijscr.2018.07.031>  
Reference: IJSCR 3252

To appear in:

Received date: 23-5-2018  
Revised date: 27-6-2018  
Accepted date: 25-7-2018

Please cite this article as: Elkbuli A, Diaz B, Polcz V, Hai S, McKenney M, Boneva D, Operative versus Non-Operative Therapy for Acute Phlegmon of The Appendix: Is It Safer? A Case Report and Review of the Literature, *International Journal of Surgery Case Reports* (2018), <https://doi.org/10.1016/j.ijscr.2018.07.031>

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## Operative versus Non-Operative Therapy for Acute Phlegmon of The Appendix: Is It Safer? A Case Report and Review of the Literature

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### highlights:

- This case report reviews complicated appendicitis which failed non-operative management, underwent appendectomy, and did well post-operatively.
- In the present case, the patient's clinical picture was substantially worse on presentation four weeks post-diagnosis when compared to his prior hospitalizations, indicating failed non-operative treatment. While technically challenging given the patient's extensive intraperitoneal inflammation and significant adhesions, surgical management was successful without the need for conversion to open appendectomy.
- This case report provides an opportunity to review the management of complicated perforated appendicitis and optimal timing of interval appendectomy if utilizing non-operative management.
- Additionally, this case could help to increase the awareness of medical professionals who manage similar cases and outline best treatment options such as early surgical intervention.
- Further research should investigate whether interval appendectomy should be considered in cases of delayed presentation.

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