

Perineal necrotizing fasciitis, a challenge!

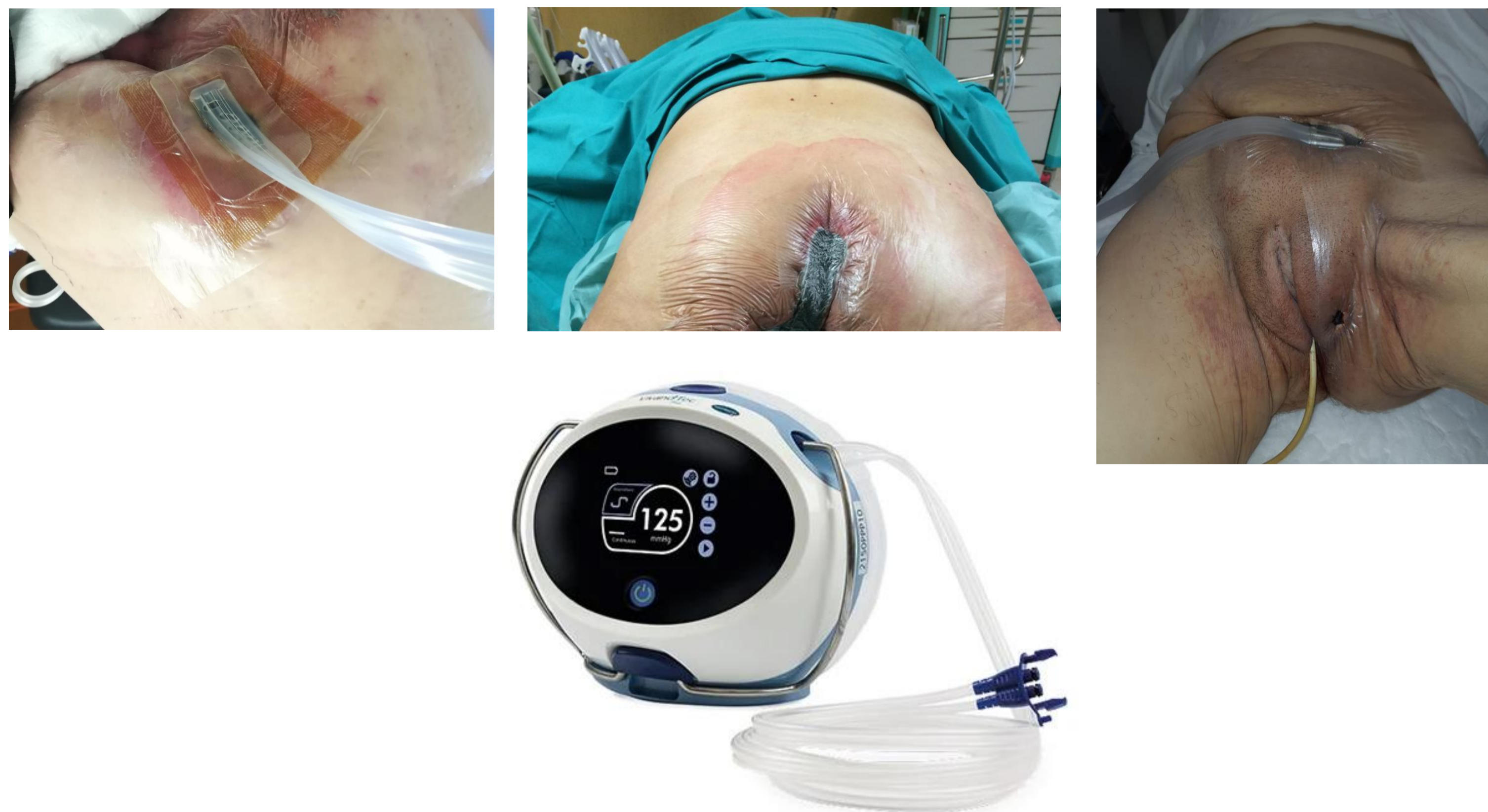
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Case 1



January 12, 2023



February 16, 2023

Case 2



June 21, 2022

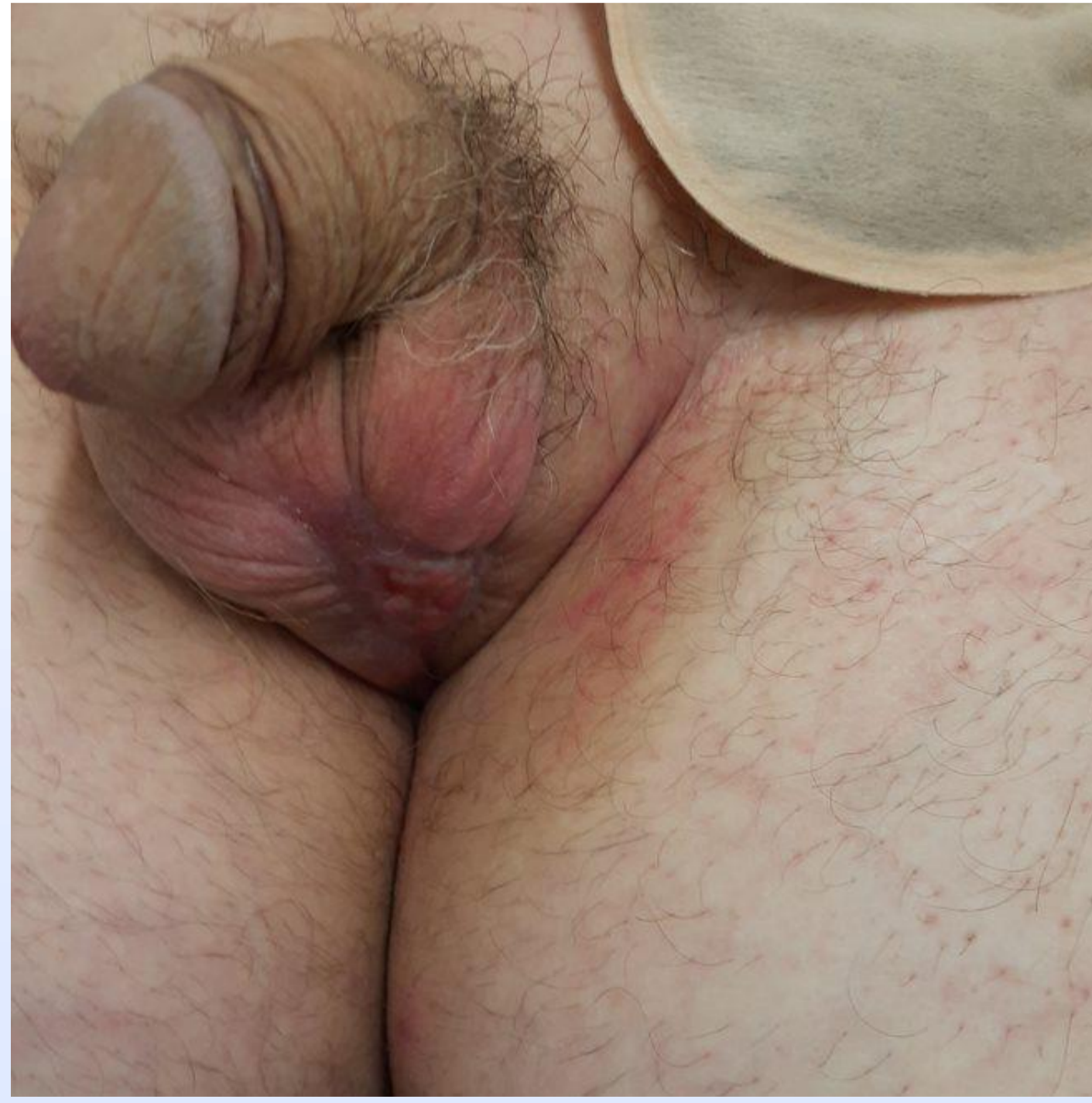


July 30, 2022

Case 3



October 16, 2020



December 22, 2020

Introduction

Necrotizing perineal fasciitis is a complex situation, with high morbidity and mortality, mainly because most patients seek medical services late, at an advanced stage of the infectious process¹. There are several studies that recommend the use of Negative Pressure Therapy in the treatment of lesions of this nature, with benefit in the patient's well-being and in reducing healing time².

Objectives:

- To present a case series of perineal necrotizing fasciitis;
- To share experience in the treatment of complex wounds with deep tissue infection using Negative Pressure Therapy.

Methodology: Case reports.

Case 1

A 58-year-old female patient with perineal necrotizing fasciitis and chronic venous insufficiency.

Case 2

A 67-year-old man patient with Fournier gangrene.

Case 3

A 63-year-old man patient with Fournier gangrene and hypertension.

Results

After cleaning and surgical debridement in the operating room, extensive and deep lesions resulted, with muscular involvement in a difficult anatomical region requiring bypass of the intestinal transit. Treatment was started with Negative Pressure Therapy (VivanoTec[®] at 125 mmHg) with dressing replacement 2x/week, initially as an inpatient and then as an outpatient at the outpatient clinic until complete healing of the lesions.

Conclusion

We were able to heal these extensive and deep lesions located in difficult anatomical areas, with the use of Negative Pressure Therapy VivanoTec[®], achieving a significant reduction in healing time, and an early discharge, also contributing to a better quality of life for the person.

References

1. Larsson, Juan C., Pires, Rafael, Fioravanti, Aline, Beolchi, Mirta P., Gradel, Jose, & Oliveira, Marcelo. (2017). Abordagem cirúrgica combinada como alternativa menos invasiva no tratamento da Gangrena de Fournier. *Cirurgia Plástica Ibero-Latinoamericana*, 43(1), 87-96. Recuperado en 22 de enero de 2023, de http://scielo.isciii.es/scielo.php?script=sci_arttext&pid=S0376-78922017000100012&lng=es&tlng=pt.
2. Florentino, A. de O. ., Silveira, G. C. ., Lopes, A. ., & Mondelli, A. L. . (2020). The use of negative pressure therapy and its applicability in Fournier's Syndrome. *Research, Society and Development*, 9(11), e4019119447. <https://doi.org/10.33448/rsd-v9i11.9447>.