

# SMIPN - Surgical Management of Infected pancreatic necrosis, a case series in a 4<sup>th</sup> level Hospital in Bogota – Colombia University

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## Abstract

The first aim of our study, it is to describe our experience in the surgical management of the infected pancreatic necrosis, in the period of time between 2014 to 2019. We search in the database of the general surgery service, all the patients with pancreatitis and infected pancreatic necrosis that undergo surgical drainage; we use a quantitative approach, retrospective, in between 2014-2019. We have 320 patients with pancreatitis, and 30 patients with infected pancreatic necrosis (9.3% of incidence vs 10-15% compared with world literature), our mean age was 57 years, 70% of our patients were men. The open approach was 83%, with a high mortality rate with 43%. We observe, in terms of postoperative organ failure, an improvement with the laparoscopic approach (20% vs 4% with open approach).

We conclude that infected pancreatic necrosis, it is still a surgical challenge, however, the laparoscopic approach shows incredible results in terms of mortality, total hospital stays, ICU stay, and mortality vs open approach. In our study, we observe, a possible use of procalcitonin as a biomarker to predict mortality in those patients, but more prospective studies are necessary.



## Biography:

Carlos Eduardo Rey Chaves is a Medical doctor, graduated from the Universidad del Rosario, in Bogotá, Colombia. In terms of research, he has more than 10 studies that were presented in Colombia, Argentina, and USA and working in Hospital Universitario Mayor Mederi in hepato pancreatobiliary surgery.

## Speaker Publications:

1. "SMIPN - Surgical Management of Infected pancreatic necrosis, a case series in a 4<sup>th</sup> level Hospital in Bogota – Colombia University".

[15<sup>th</sup> Euro-Global Gastroenterology Conference](#); Rome, Italy - June 24-25, 2020.

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