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**Retrospective Analysis of *Clostridioides difficile*  
Infection Rates and Outcomes in Hospitalized  
Patients during the COVID-19 Pandemic: A  
Unicenter Study in Reus, Spain.**

**TREBALL DE FI DE GRAU**

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## RESUM

*Clostridioides difficile* infection (CDI) ranges from mild diarrhea to severe conditions like pseudomembranous colitis or toxic megacolon. The COVID-19 pandemic altered healthcare practices, potentially affecting CDI incidence. A retrospective study at Hospital Universitari de Sant Joan in Reus, Spain, analyzed adult CDI cases from January 2020 to December 2022. Results indicated an overall decrease in CDI and COVID-19 rates in 2022 but a notable increase in CDI among oncology patients. Factors linked to higher mortality and prolonged hospital stays included older age, cancer, chronic kidney disease, higher Charlson and McCabe indices, elevated C-reactive protein, and low albumin levels.

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