

# SUCCESSFUL TREATMENT OF POST-SURGICAL MENINGITIS CAUSED BY BACILLUS CEREUS: A CASE REPORT

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J01- ANTIBACTERIALS FOR SYSTEMIC USE



**Peláez Bejarano A, García de Lomas JM, Martínez Marcos FJ, Gómez-Sayago L.**  
RIOTINTO HOSPITAL, PHARMACY, HUELVA, SPAIN.



## BACKGROUND AND IMPORTANCE

*Bacillus cereus* is a spore-forming, gram-positive bacterium that is ubiquitous in the environment. It is frequently dismissed as contaminants, however, in the proper setting these organisms have the potential to be virulent. Clinical infections caused by *B. cereus* fall into six broad groups: local infections of wounds, burns, bacteremia, CNS infections, respiratory infections, endocarditis and food poisoning. Despite aggressive treatment with broad-spectrum antibiotics and using them appropriately, the mortality is high.

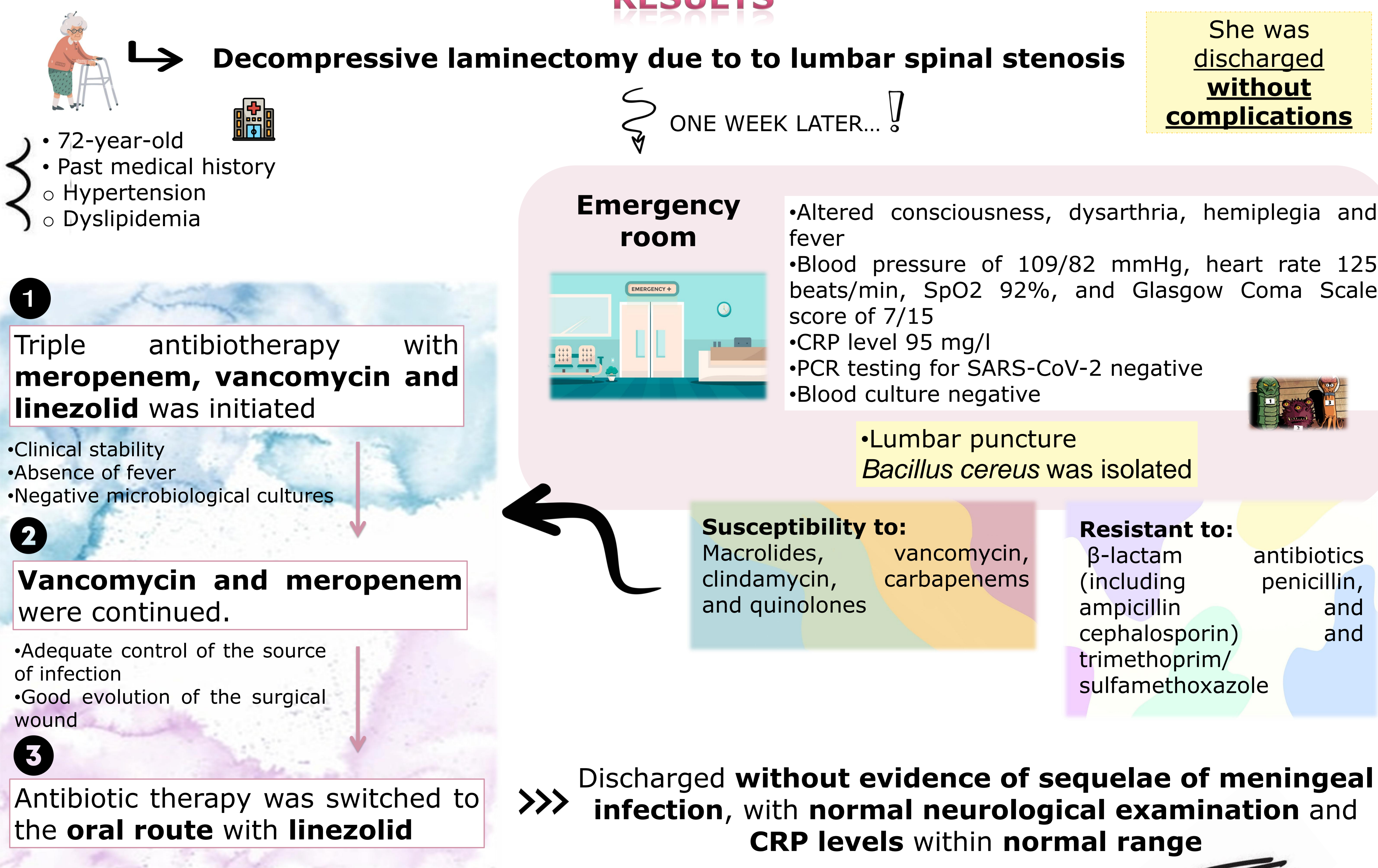
## AIM AND OBJETIVES

To describe a case of *Bacillus cereus* central nervous system infection associated with postsurgical meningitis and a patient successfully treated with antibiotics.

## MATERIAL AND METHODS

Descriptive and retrospective clinical case. Data were obtained by review of electronic medical records

## RESULTS



## CONCLUSIONS AND RELEVANCE

This case highlights the clinical challenge to diagnose *B. cereus* and the importance of the delay between the detection of *B. cereus* and the establishment of an effective, targeted antibiotic therapy, specially in immunocompromised patients.



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