



## New antimyeloma drugs in spinal cord infiltration for multiple myeloma. Determination of lenalidomide in cerebrospinal fluid with ultrasensitive high-performance liquid chromatography

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### ABSTRACT

A 64-year-old woman with IgA kappa multiple myeloma was treated with thalidomide-dexa- methasone. Due to progression of the disease, bortezomib, doxorubicin and dexamethasone were administered, followed by autologous stem cell transplantation. Although near-complete remission was achieved, 5 months later, neuro- logical symptoms appeared and the patient was diagnosed with multiple myeloma with cells in- filtrating the spinal cord. Bis-chloronitrosourea, bortezomib and lenalidomide were then administered and although the patient remained neu- rologically asymptomatic, she died 3 months later because of disease progression. Lena- lidomide entered into the cerebrospinal fluid (confirmed by ultrasensitive high-performance liquid chromatography), although did not im- prove the poor prognosis of multiple myeloma involving the central nervous system.

### KEYWORDS

Lenalidomide; Multiple Myeloma; Spinal Cord Infiltration; High-Performance Liquid Chromatography

### Cite this paper

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