


***TREATMENT OF ADVANCED PELVIC
OSTEOSARCOMA WITH
CHEMOTHERAPY DIRECTLY
INSIDE THE TUMOR. CASE REPORT.***

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Introduction


**Very large tumors of pelvis
may seem inoperable and
are often treated by
palliative radiotherapy and
chemotherapy.**




**We present here a case
with intratumoral
chemotherapy and mid-
term result.**

Case Report


This girl, 16 years old, came from Africa in 2000 July, for a huge tumor of pelvis after 2 years of pelvic pain.




**A needle biopsy
confirmed the
diagnosis of high-grade
osteosarcoma.**




Initial screening showed a huge tumor (15 cm x 12 x 10) developed from the right acetabulum, with compression of bladder and both ureters.



**The dilatation of
kidney cavities led to
perform a bilateral
ureterostomy.**




**Conventional chemotherapy didn't
obtain any response
and the patient was sent in a
palliative care unit after 2 months
of an ineffective treatment.**


A decorative graphic of a pen nib, rendered in shades of brown and orange, pointing towards the right. It is positioned in the upper right quadrant of the slide.

In October 2000, she was referred for treatment in our unit.

We started by intratumoral debulking and put inside the tumor cavity a chemotherapy infusion catheter.




Following 3 courses of intratumoral chemotherapy (CDDP 25 mg) associated with systemic chemotherapy, new debulking surgery was performed and the normal urinary tract could be repaired.



Both intra-tumor and intravenous chemotherapy were continued and in October 2001, the last tumor residual was removed and a composite acetabular reconstruction performed.

Results

In January 2002, the patient is in complete remission. She can walk, go to school and live normally.



**The hip function rate
according to
Enneking's criteria is
excellent.**

Conclusion

Advanced sarcoma can sometimes benefit of an individualized treatment including intratumoral chemotherapy.