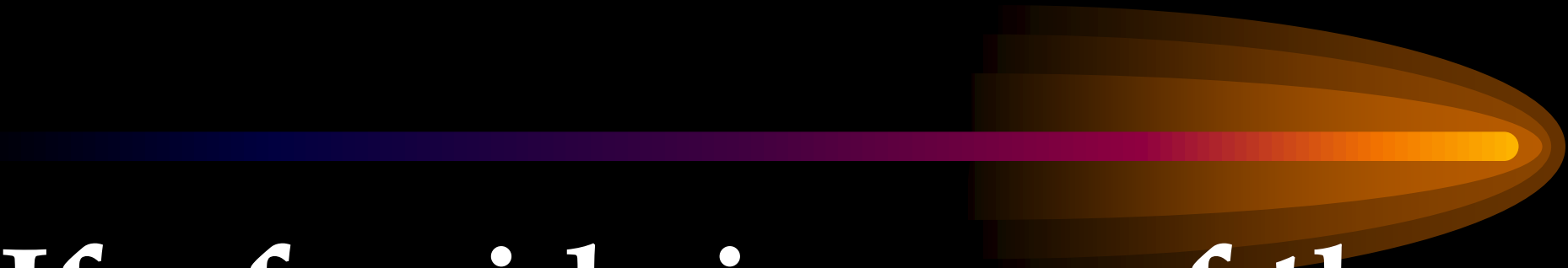



ACUTE PANCREATITIS AFTER IFOSFAMIDE. A RARE BUT HEAVY COMPLICATION.

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Ifosfamide is one of the most important drug in treatment of soft and bone tissue tumors.




**From 1985 and around
150 courses a year are
performed in our
unit.**



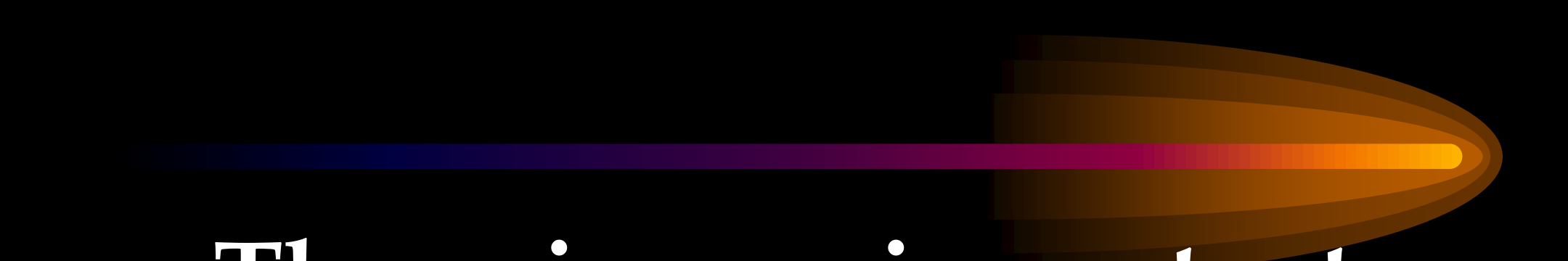
**We saw only two times
a pancreatitis
following continuous
infusion of ifosfamide.**



In 1994 June, a 35-year-old female with fibrosarcoma presented a symptomatic pancreatitis following a ifosfamide-vincristine-actinomycine combination.




**Ifosfamide was given
continuously at the
dosage of 3
g/sqm/day, 2 days.**



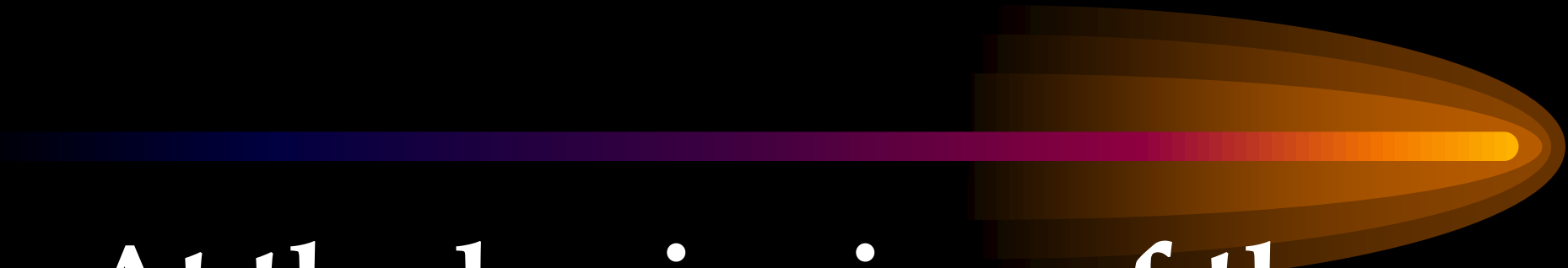
**The pain was important
during 3 weeks and led to
stop ifosfamide therapy
in this patient.**




**In 2002 January, we
treated a 17-year-old
girl with relapsed
rhabdomyosarcoma.**



She received ifosfamide as a single drug at the dose of 3 g/sqm/day (theoretically five days) with corticosteroids and anti-emetics.



**At the beginning of the
third day, she presented
dramatically abdominal
pain, vomiting, was
doubled up.**




**Symptomatic treatment by
antispasmodics was
effective associated with
stop of chemotherapy.**


Biologic examination showed increased amylasemia (725 IU the first day, 1077 the second -normal < 82-) and increased amylasuria 2208 IU (Normal < 750), increased lipasemia 3478 IU (normal < 300).




**CTScan showed
oedematous
pancreas.**



**Resolution of clinical
and biological
symptoms was
complete in 3 days.**




We founded only two reports of acute pancreatitis associated with ifosfamide in the literature (cancer 1994 - Izrael and coll, J. Emerg. Med 1997, Gerson and all).



**So, we think important to monitor routinely
serum amylase levels during ifosfamide
infusion, to approach the true incidence of this
complication**

**And to be able to determine the necessity of
stopping definitively the use of this drug in
patients presenting one time signs of
pancreatitis.**



The role of corticoids in the apparition of pancreatitis must be evoked and leads to avoid, as soon as possible, the association of corticoids with ifosfamide.