

# Abstract #1386.doc

## TRAUMATIC ATLANTOAXIAL LUXATION IN AN 88 YEARS OLD FEMALE

### Introduction

The fracture of odontoid process of an axis vertebra is the most frequent fracture of higher age. It may lead to the severe neurologic deficit or even death when it is connected with atlanto-axial dislocation.

### Material and methods

We present a case of an 88 years old lady with a C1-C2 luxation with a dens axis fracture. The development of patient's opinion, offered treatment methods and cooperation with the patient's family is documented.

### Results

Craniocervical instrumented fusion was chosen. The patient was back in her usual life and daily activities with her family.

### Discussion

There are several options how to solve this kind of trauma. From conservative treatment with external fixation to the complex implants used to obtain bony fusion of C1-2 and cervicocranial junction. Which one is the best in a case of an aged patient remains an unanswered question.

### Conclusion

We suppose the age is not an obstacle in treating severe instability of the craniocervical junction and first two vertebrae.