**Author's response to reviews**

**Title:** Spontaneous bilateral pedicle fracture 30 years after Harrington Instrumentation for idiopathic scoliosis: a case report

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**Author's response to reviews:** see over
The case report of Knight et al. is now mentioned. They describe a fractured pedicle within the fusion mass.

The instability is caused by the long moment arm and retrospectively shown by the fact that the patient developed a progressive kyphosis even after dorsal intrumentation.

Thank you for your notice. It is true that we could not place the pedicle screws in L1 bilaterally. That was caused by the very bad quality of the bone.

Additional figures and explanation of the therapeutic pathway have been added.

The pathophysiology of pedicle fractured is now discussed.

Decision-finding regarding less invasive surgery is discussed.

More information about hepatic osteodystrophy is added.

Thank you very much for your time.