



SCIENTIFIC DIALOG

# Adult spinal deformity

日  
時

2019年9月6日(金) 17:50~18:20

会  
場

第1会場(大阪国際会議場 10F 1003)

座  
長

竹下 克志 先生

自治医科大学整形外科教授

演  
者

Prof. Michael A. Rauschmann, M.D.

Head of the orthopedic spine and reconstructive orthopedics department at the Sana clinic Offenbach



認  
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位

本セミナーは、日本整形外科学会教育研修講演として、SLL6-2と併せて、下記いずれか1単位が取得できます。

- 専門医資格継続単位:N(1単位)  
必須分野:7(脊椎・脊髄疾患)
- 脊椎脊髄病医資格継続単位:SS(1単位)

# Adult spinal deformity

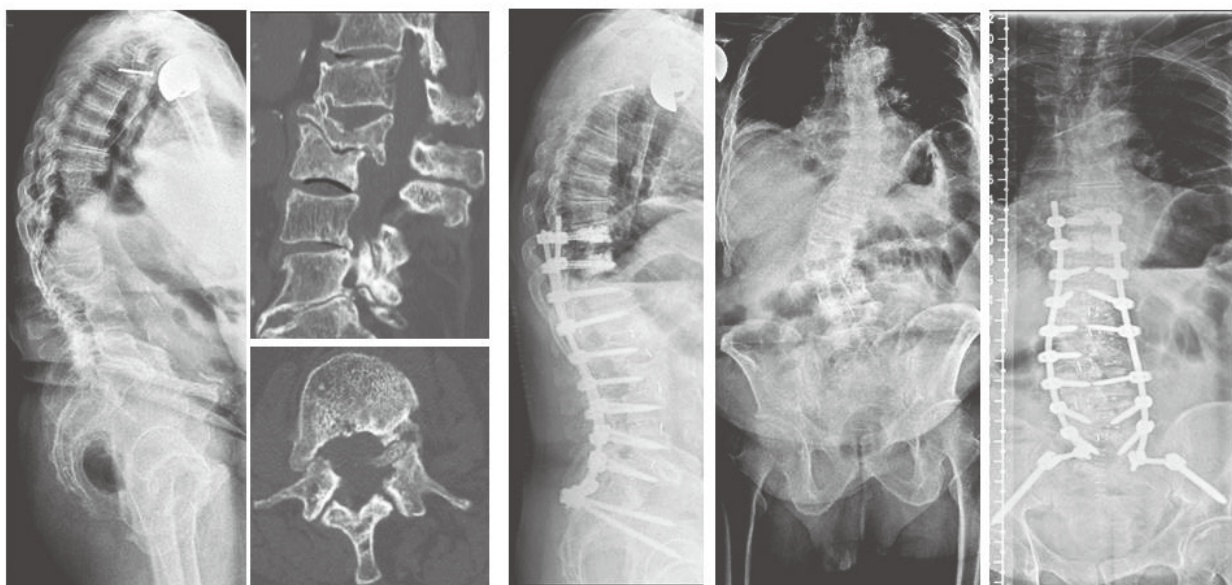


## Prof. Michael A. Rauschmann, M.D.

Head of the orthopedic spine and reconstructive orthopedics department at the Sana clinic Offenbach

Adult spine surgery is nowadays an increasing problem, due to the increasing elderly population. Asymmetric degeneration, facet joint tropism and former minimal invasive spine surgeries are the typical initiators of degenerative scoliosis. The most involved segments are L2-L4, followed by compensatory curves lumbosacral and thoracolumbar. The biggest problem is the correct selection of treated levels and the reconstruction of the sagittal profile. Mostly the thoracolumbar junction is problematic concerning hardware-failure, due to incorrect planning of the sagittal profile. Additional, the weak bone quality, due to osteoporosis is another important factor, which can influence the result of a corrective surgery. Therefore, treatment strategies and concepts to reduce complications and good long standing results will be presented.

### Severe Osteoporosis with fracture and collapse after decompression L2/L3



- Cementaugmentation upper screws
- Realignment sagittal and coronar
- TLIF and modified PLIF-Cages in all lumbar segments