

# vertaplan fusion planning

Better surgical outcomes, long-lasting freedom from pain and long-term improvement in patients' quality of life – these are the goals of the vertaplan software.



Analysis



Planning



Surgery



Outcome

vertaplan is an all-in-one solution made up of analysis and planning software. It enables you to take the sagittal profile of each individual patient into account and accurately reconstruct his/her spine geometry.

The vertaplan software measures the vertebrae and the disc spaces and automatically recommends the best implant for the patient concerned. You can also see the effect that fusion will have on the neighboring segments and on the geometry of the entire spine. The software enables you to digitally simulate the leeway of the individual segments and to adjust the spine geometry on an individual basis.

## vertaplan and the benefits to you at a glance:

- › multisegment lumbar/cervical implant planning with analysis of function images and versatile measuring tool
- › convenient normalization and measuring functions for DICOM image
- › precise measurement of the disc space
- › calculation of shape, magnitude and angle of different implant system
- › reliability based on automatic selection of the most suitable implant
- › calculation of the effect on neighboring segment
- › simulation of movement profit
- › intraoperative control, less X-rays and thus less exposure to radiation
- › state-of-the-art image data management with connection to PACS and server

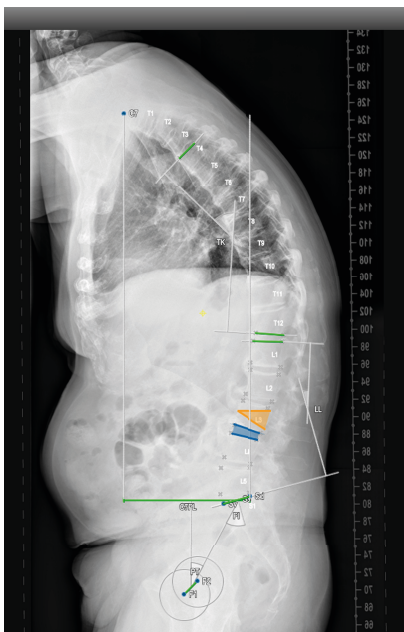
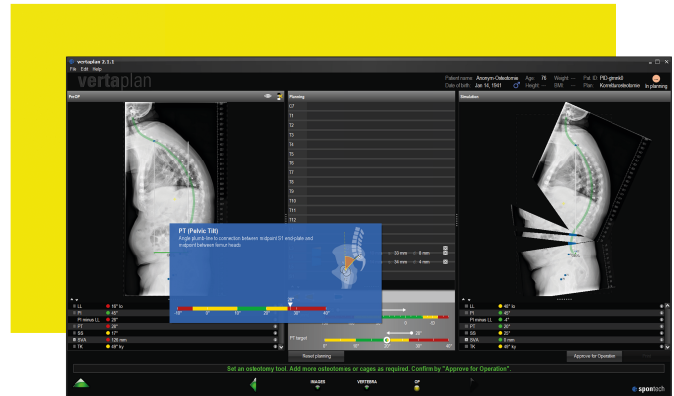


# vertaplan osteotomy planning

With the vertaplan software, you can precisely calculate the surgical correction and at the same time calculate the influence on the neighboring spine segments. Even during surgery, the software helps you to determine the ideal spine geometry for each individual patient.

Integrated measuring functions that take the sagittal balance into account enable you to draw conclusions about individual deviations of the spinal equilibrium as compared with statistical standard values.

You can perform the planning at any time, even sitting at your desk, and integrate it into a medical report. The preoperative planning can be clearly demonstrated to the patient, which supports the patient's comprehension and motivation with respect to the therapeutic measures.



## vertaplan and the benefits to you at a glance:

- › precise preoperative planning and simulation of the surgical outcome
- › takes sagittal balance and spino-pelvic parameters into account
- › precise adjustment of the spine geometry
- › accurate documentation and reproducibility for total quality assurance
- › continuous work process with maximum reliability, efficiency and flexibility
- › shorter operating times thanks to preoperative planning