

Discover our Idys[®]-ALIF Outcomes



PURPOSE OF THE STUDY

To report the clinical outcome of L5/S1 fusion using Idys-ALIF

The SPINE JOURNAL

Outcomes of stand-alone anterior lumbar interbody fusion of L5-S1 using a novel implant with anterior plate fixation

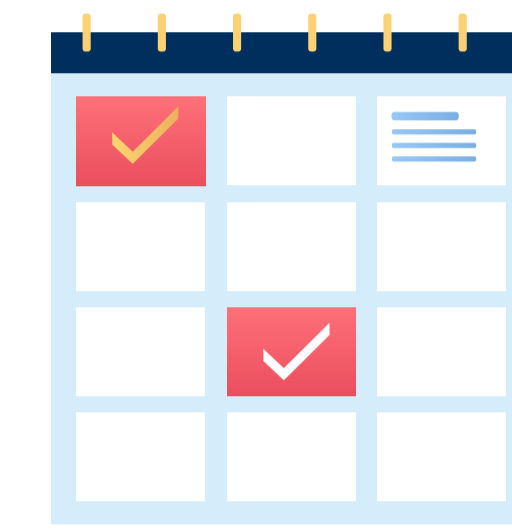
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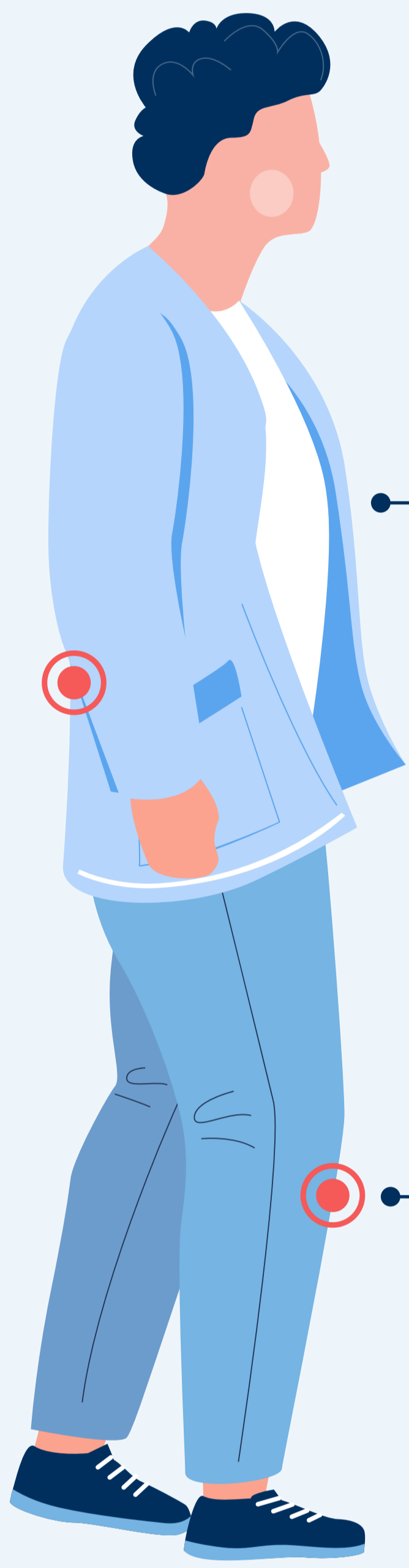
Number of patients in the study



20±9

Duration of study in months post operative follow-up

At last follow-up after surgery

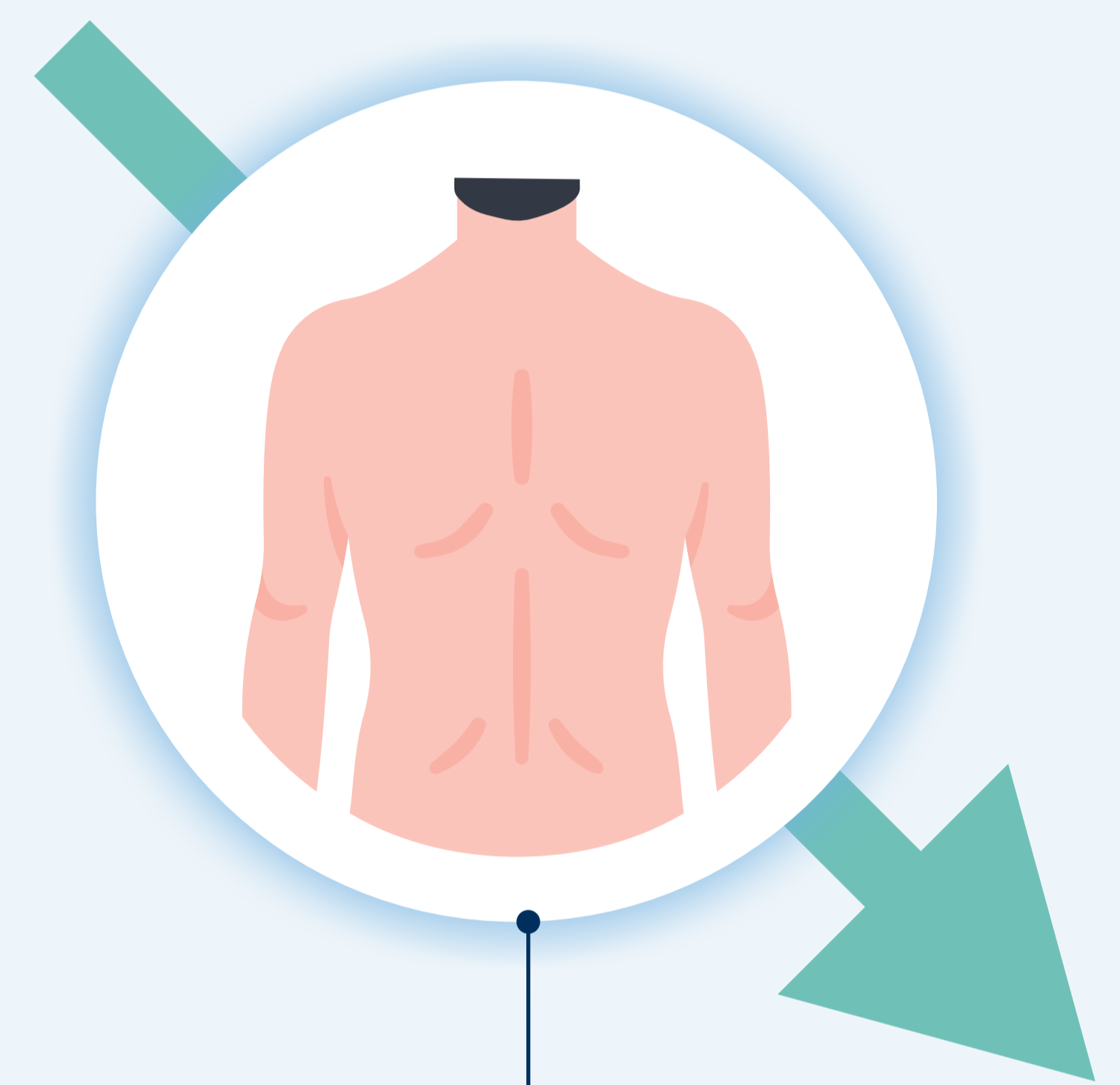


77%

of patients reported no or mild low back pain

78%

of patients reported no or mild leg pain



ODI score decreased **23.3±19.9** points

Global lumbar lordosis increased **4.2±7.1°**

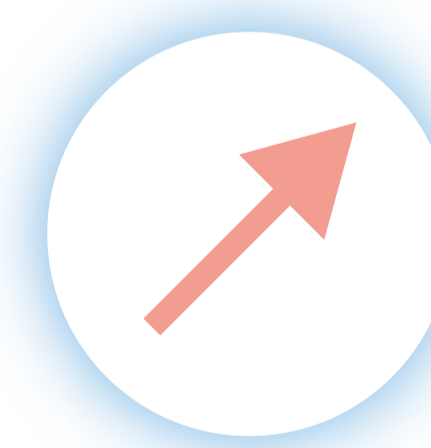
L5-S1 segmental lordosis increased **11.8±6.7°**



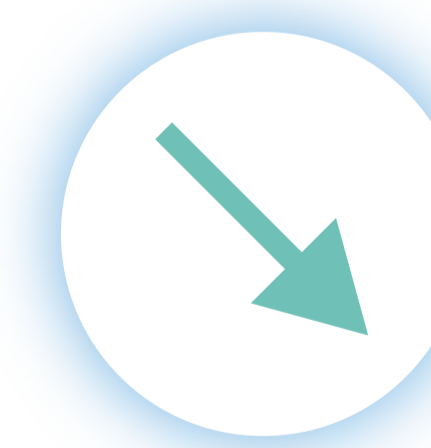
Fusion rate of **96%**



L4-L5 segmental lordosis decreased by **1.9±3.3°**



L5-S1 segment height increased by **6.0±2.6mm**



Pelvic tilt decreased by **2.5±4.1°**

Conclusion



Stand-alone mini-ALIF with anterior plate fixation for L5-S1 satisfactorily improved post-operative clinical outcomes (ODI, SF-12, pVAS) and improved global and segmental lumbar lordosis.

