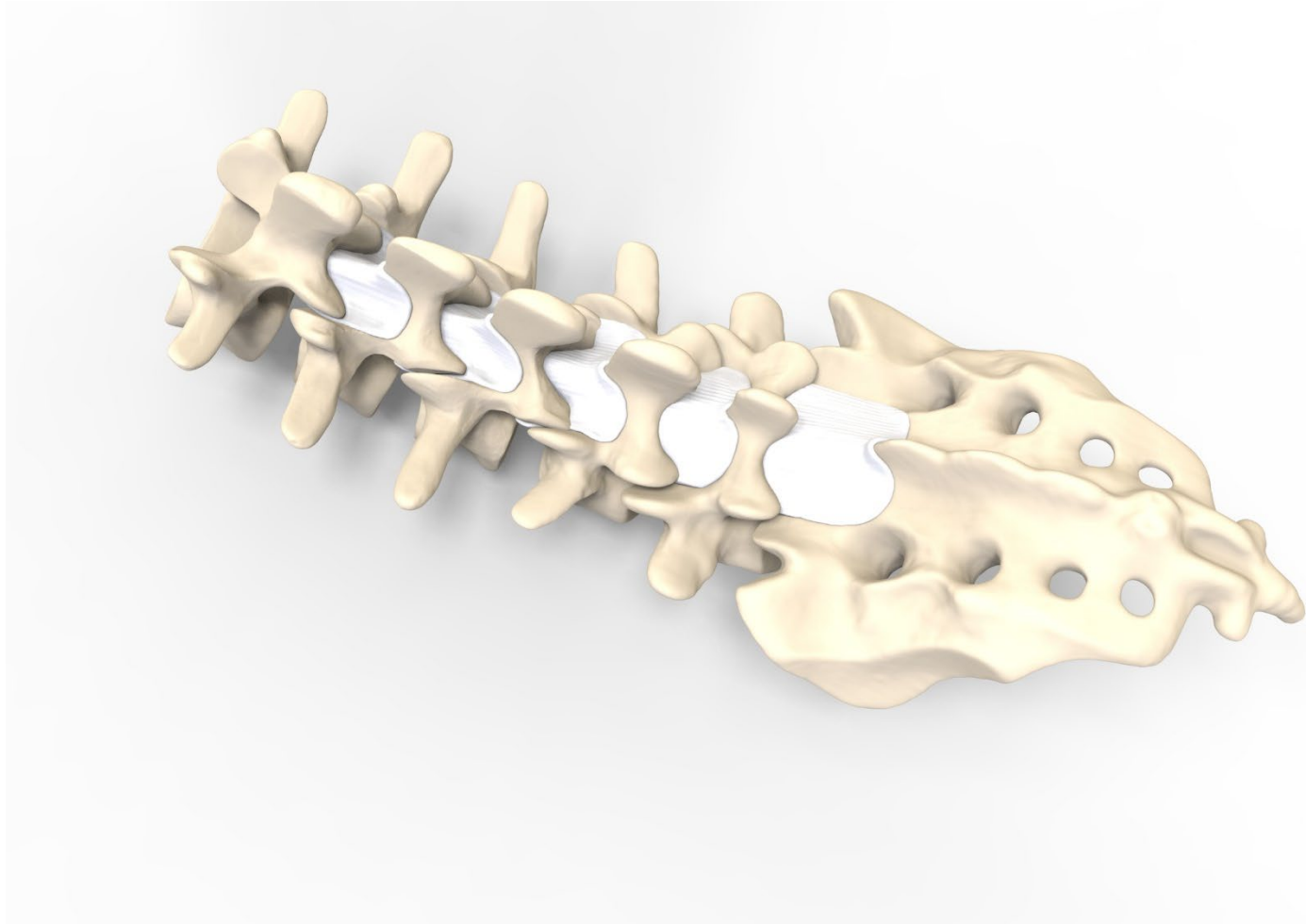


LSS Spine models

*shape the future
together*



New LSS series

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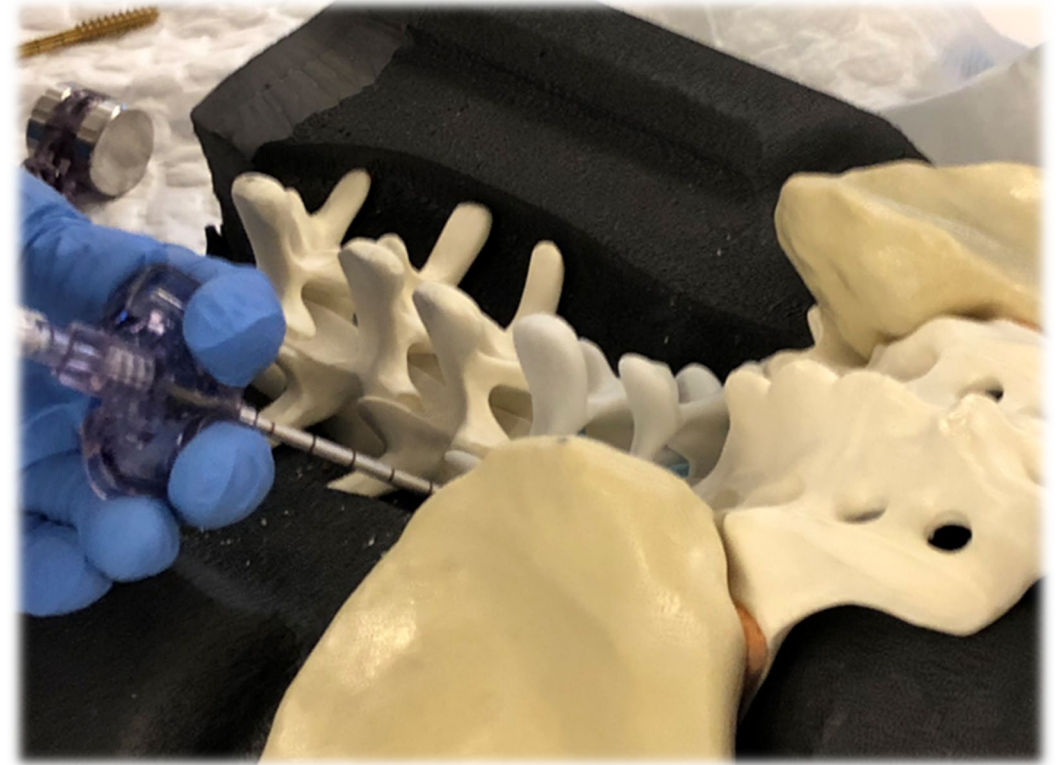


- Brand-new material mixture, specially designed for a better education outcome in augmentation trainings.
- The behavior and the haptic feeling upon inserting a pedicle screw or a Jamshidi needle is as if performed on a real human vertebra.
- The new material resembles to the human vertebrae with a harder cortical layer and softer inner cancellous part.
- The density and elasticity of the new material prevent the models from cracking.

Benefits of LSS spine models

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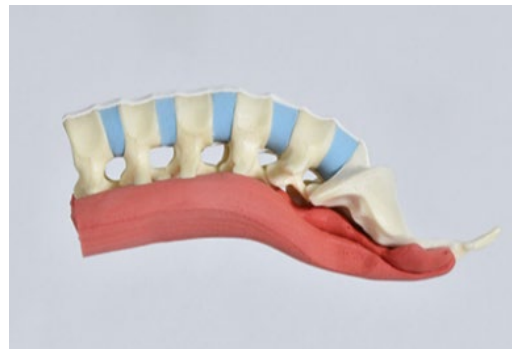
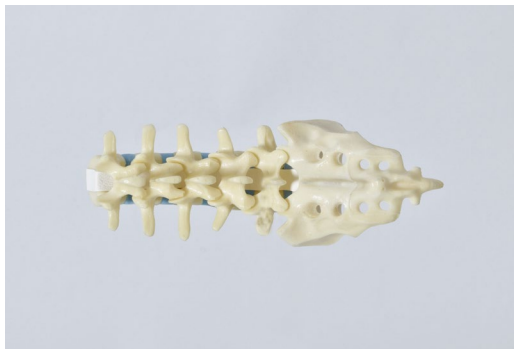
- Humanlike feeling
- Very good screwing results
- Compact cortical bone structure
- Crispy feeling of cancellous bone
- Efficient educational spinal trainings
- No breaking through the cortical layer
- Can be used for augmentation trainings
- Easy and almost real insertion with Jamshidi needle
- Very realistic x-Ray imaging even without special coating



LSS SPINE Models

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- SYNBONE's large LSS spine portfolio includes lumbar, thoracic, cervical and entire spine models with or without Occiput and Sacrum. The models can optionally be ordered with Spinal Cords, Dura Mater, Muscles, Nerves, Arteries.



LSS versus LD

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LSS series:

- Thin outer cortical layer
- Porous cancellous bone structure
- Almost human-like feeling
- No cracking, no bristling during hands-on
- Ideal for augmentation and vertebroplasty
- Visible under CT-scans



LD series:

- Compact structure
- Cortical layer
- Solid foam

Experts voice

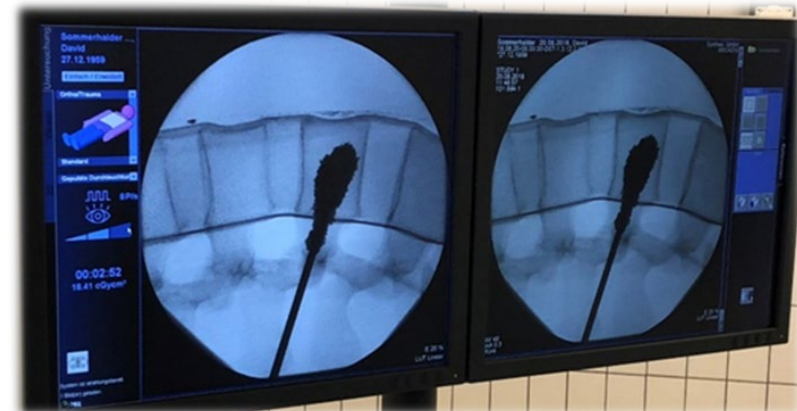
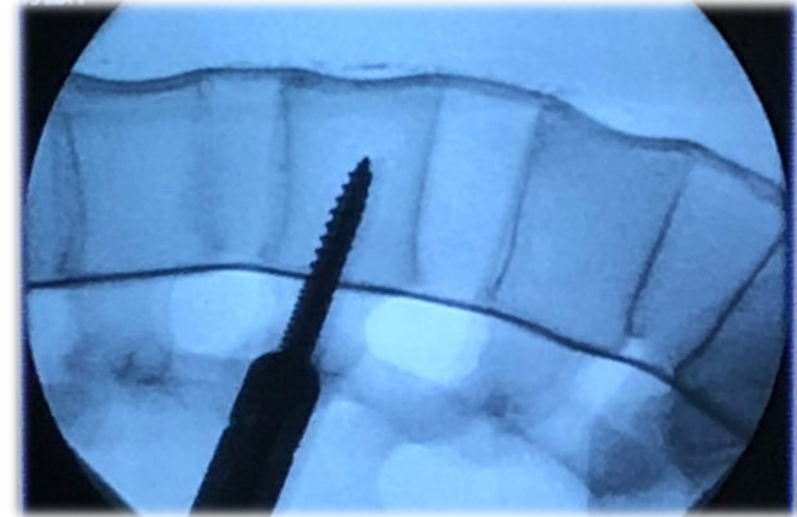
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"The behavior of this model with the new material is very realistic. It needs very little effort to insert a pedicle screw or a Jamshidi needle.

The cancellous bone is slightly crispy and on the opposite side, you can feel a slight cortical layer before breaking through.

The material of the new LSS spines is human like. More realistic than anything before. The models can even be used for augmentation. The cement enters easily into the vertebrae."

Prof. Lorin M. Benneker
MD, Head of Spine Unit
Inselspital Berne, Switzerland



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