3D Spinal Implants

Very good presentation. Why does it take until 2024 to start the first clinical trial?

What are the regulatory considerations of a personalized tissue graft or replacement?

Very polished presentation. What IP do you have around this technology?

What are the biggest challenges you see ahead of you in terms of science or market?

Excellent presentation. What challenges are you facing?

How big a gap did you close in your mouse model?

Have you 3D printed a functional organ already?

How does differ from other stem cell approaches for spinal injury

What is your proprietary method? What IP have you protected?

What is precisely the organ/tissue that is printed for spinal cord injury regeneration?

it's really interesting and so full of possibilities

Is spinal cord your first application? What are others in the pipeline?

What is the nature of the spinal implant? (nerve bundles?)

Have you already tried implant on a full organ in mice?

What outcome measures are you planning for the human trials?

Good job. Why the focus on spinal cord? Are you focusing on other organs as well or exclusively spinal cord?

Really great presentation! How long does the process take? Are there limitations for different patients?
What are the biggest challenges in front of you in terms of market or science?

How is the implant inserted?

Are you wrapping the nerve bundles to allow them grow or actually creating a bridge between the nerves

Why does your graphic refer to printing a heart and your content focus on spinal cord injury? Do you have the graphics that show how the spinal cord implant is done? If so, it would be more consistent with your content to show that graphical approach.
Very professional.

What do you need to demonstrate in order to get approval to do the human study?

Very interesting, but what is the difference between regenerating an organ and a spinal cord ? Is it also 3D print material, and if so, what kind of material do you use?

What are competing techniques for spinal cord injury?

Very exciting. Is the implant more successful at a level of injury? ir C Spine vs T or L?

Very interesting, but what is the difference between regenerating an organ and a spinal cord? Is it also 3D print material, and if so, what kind of material do you use?

What are competing techniques for spinal cord injury?

Can you share how "3D Printing" is integrated into this approach?

Is this for new injuries, long term SCI?

What kind of modifications are you doing to the cells?

The axons in the human medulla have a great length. Does your model take that in consideration? Meaning, is the implant able to regenerate those cells focally or do you need to replace the axons on their full lengths?

You mentioned zero-risk of rejection. Is that 100% true? Any possible problems that may happen?

What is the current SOC and shortcomings with it?

I understand there is a timeline after the spinal injury for the nerves to be 'revived'. Does this have an impact on the implant?

The biggest issue with CAR-T has been cytokine storm. Is that also a concern with your technology platform?

Is there any risk of cancer or other issues from injecting iPS cells? If they don't differentiate fully could they grow unchecked and cause tumors?

Could you explain further the neurological basis of this transplant?