

To myself, for the constant effort, for taking the right decisions,  
for making the necessary sacrifices, for doing what i love,  
for believing in myself.

For my parents, who understood my engagement with my  
work and were always supportive throughout  
this amazing journey.

# INTRODUCTION

Polymer-4 is a story of hope. A fictional narrative for a progressive future that will lead humanity to leap towards the next step of bio-evolution, with the aid of technology.

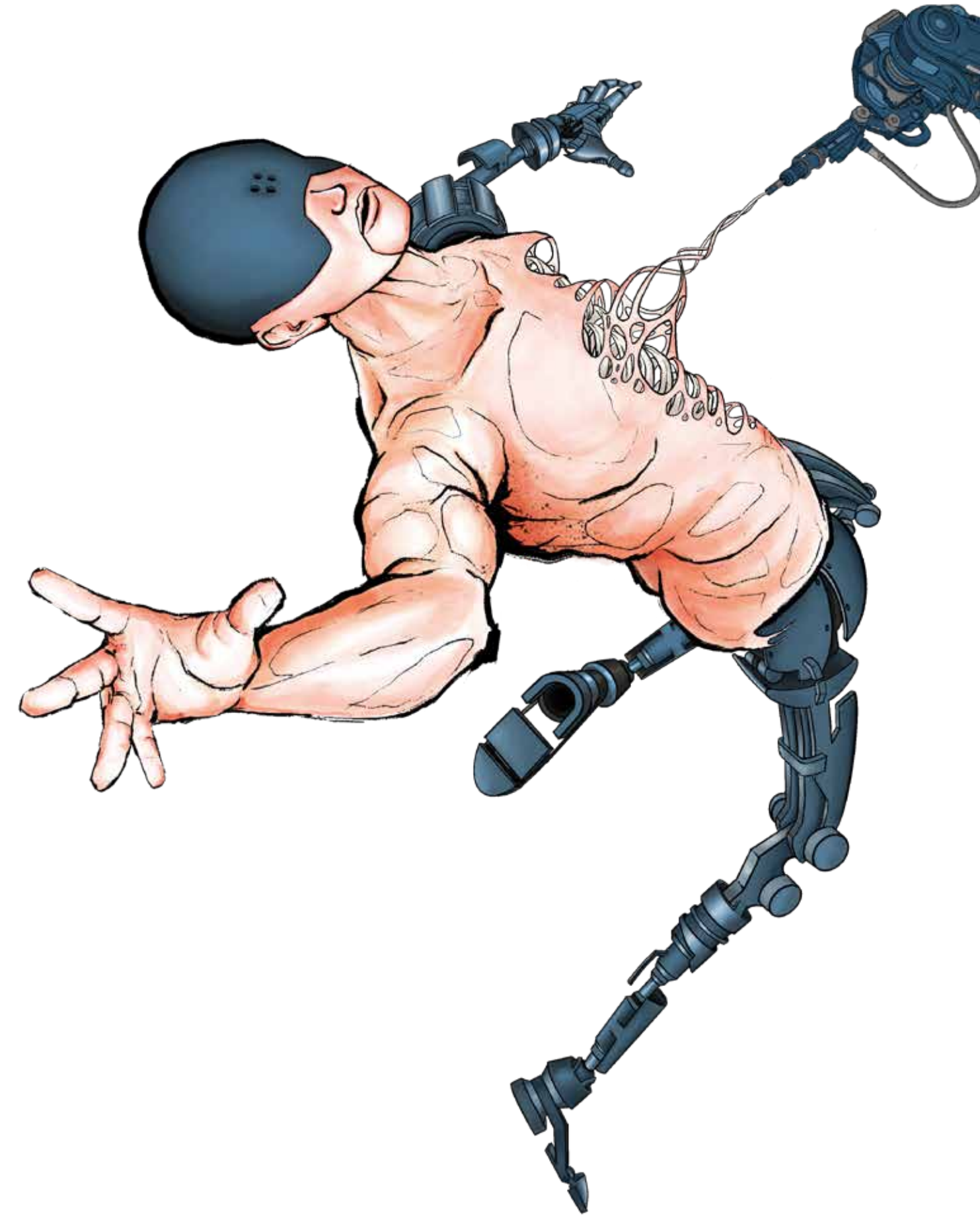
From an ape to man, from man to trans-human.

Humans tend not to accept new ideas with ease. Modern technology has always faced opposition in one way or the other. From airplanes to smartphones, they had to. Humans will be able to transcend primitive and deceptive notions, dogmas and paradigms that have distracted and disrupted the progress of our species. They will also be able to alter and modify themselves by integrating mechanical counterparts to enhance their physical capabilities which wouldn't have been possible before due to the shortcomings of the flesh.

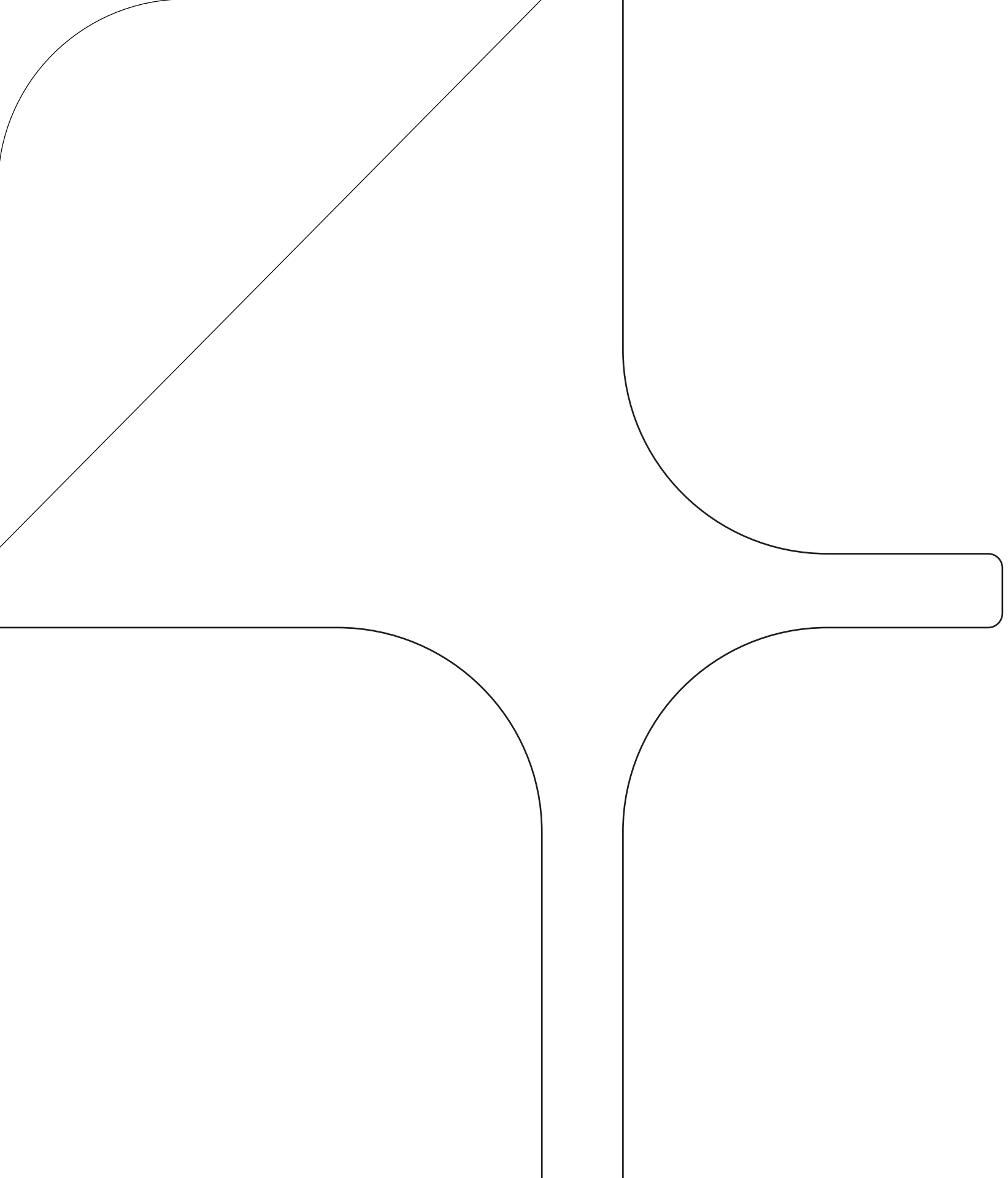
Transhumanism isn't just about the aesthetic/cellular upgrades, mechanical devices, endless life augmentation, or about just looking and feeling progressed - it's tied in with "being" progressed.

A positive outlook towards the future.

This graphic novel illustrates the dual nature of technology and how technology is being used to help humanity in conclusion. It is the story of a biotech scientist who was determined to cure his 9 year old suffering from cancer but ends up killing him in an accident. After 9 depressing, disturbing years in isolation, he comes across his silver lining that guides him through his salvation.



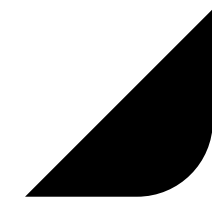


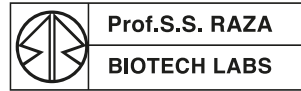


Man is to be surpassed. He is a bridge, not a destination - Nietzsche

YEAR 2077

CITY-042, PAKISTAN





Research and development facility  
for biotechnology.

Founded by Professor S.S.Raza

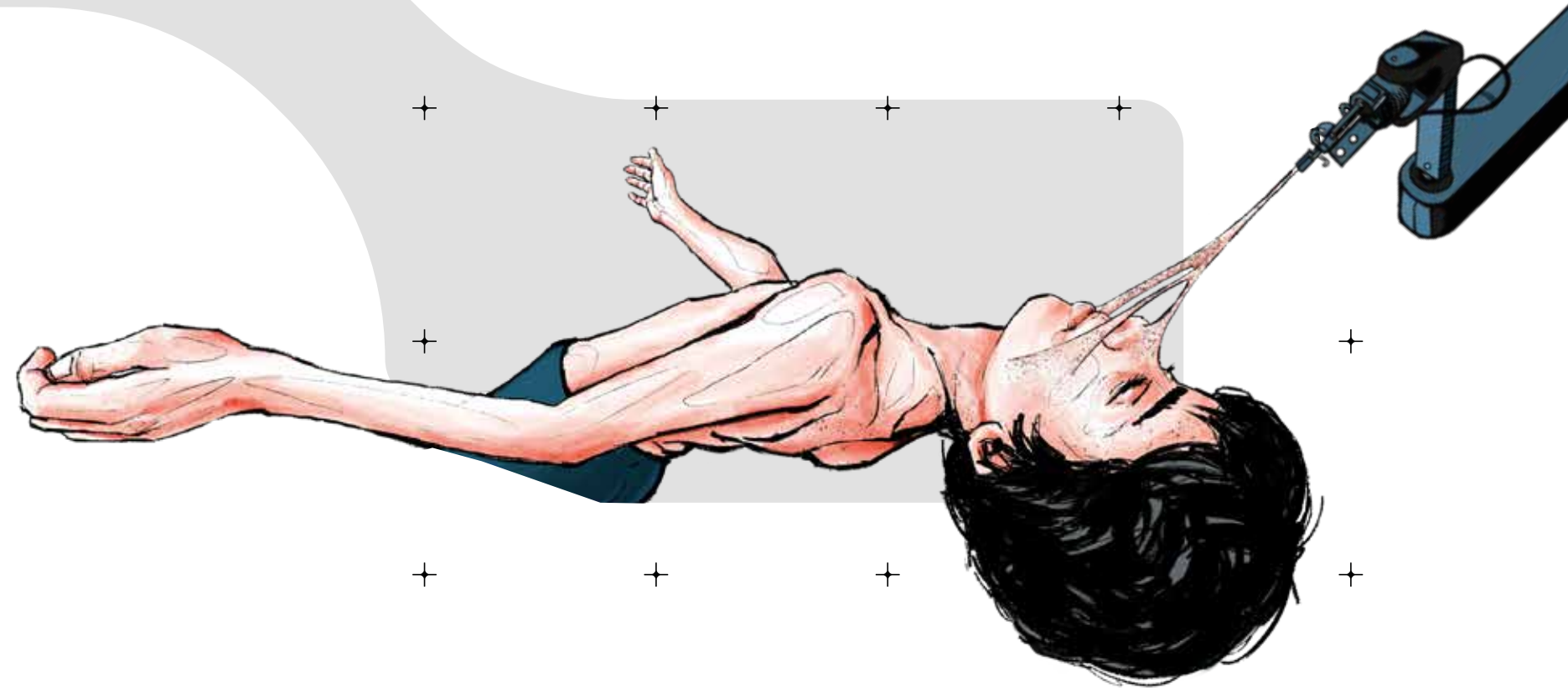


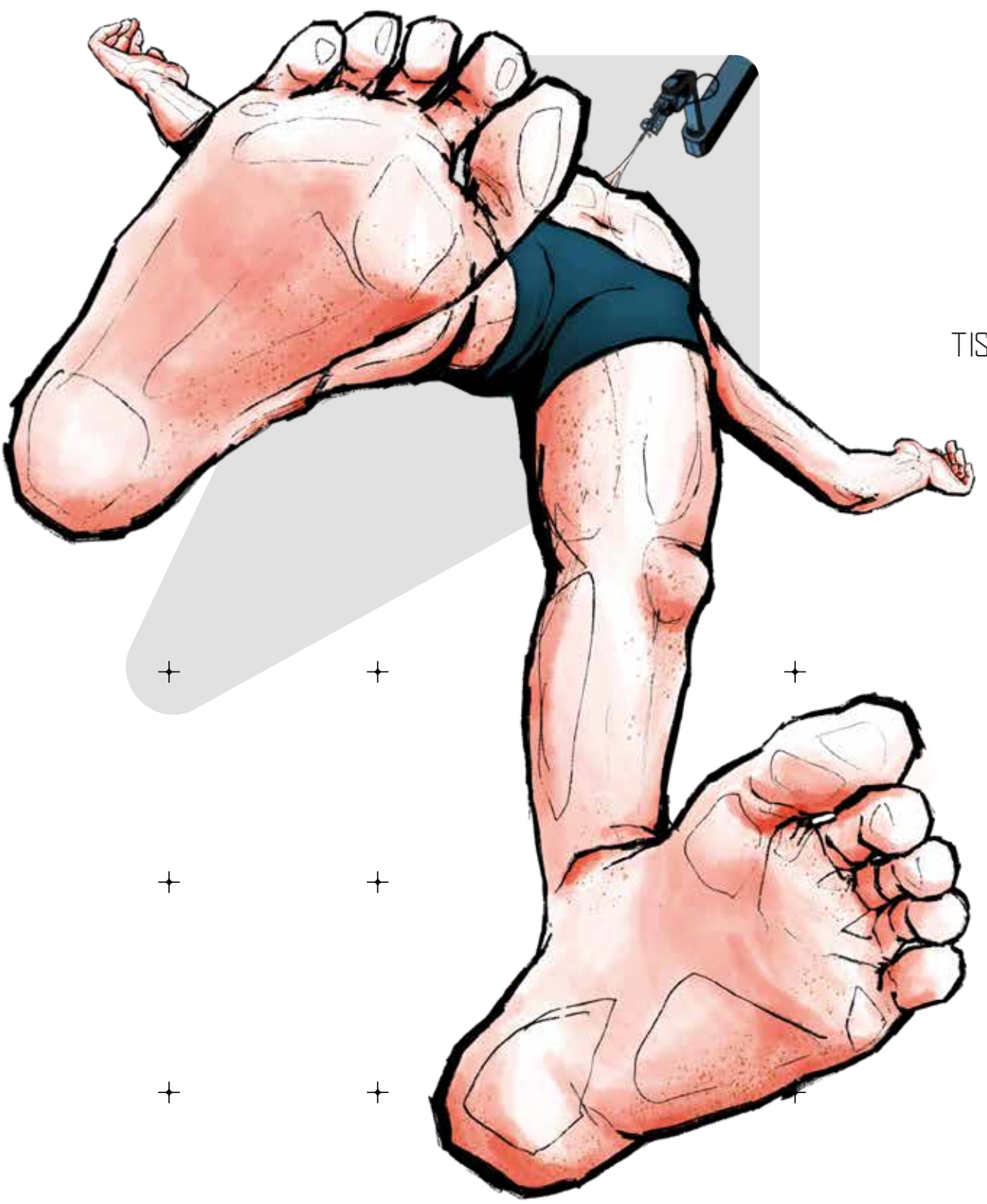
Shazil Raza  
Age:9  
Nodular Melanoma  
(skin cancer)

I AM CERTAIN . . . IT IS POSSIBLE.  
I WILL PROVE THAT IT CAN BE DONE.

..  
YOU WILL MAKE IT MY SON!

Prof. S S Raza  
Biotech Scientist  
Age: 48





84 BPM



HEART RATE STABLE

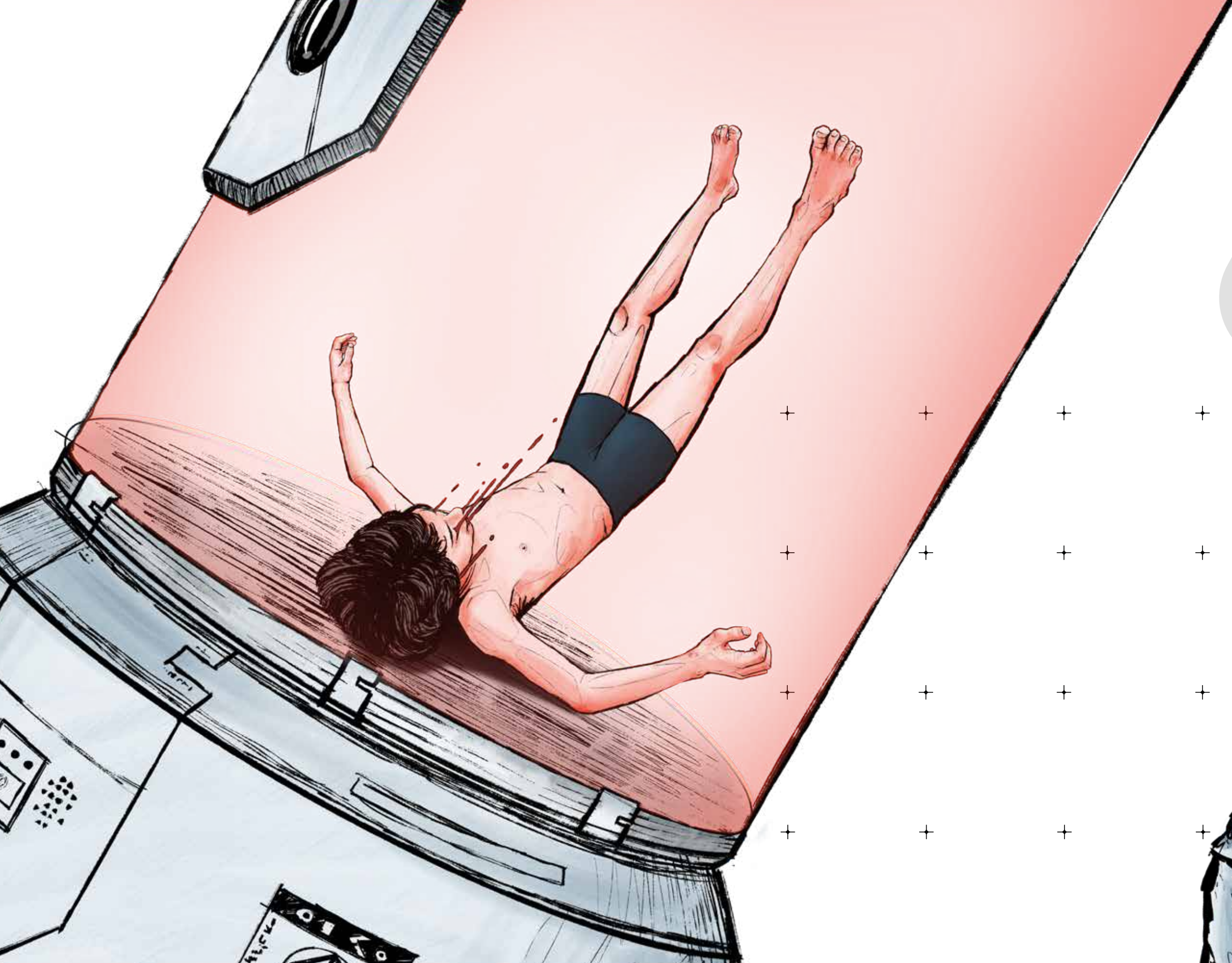
TISSUE EXTRACTION INITIATED  
ATTEMPT: 0012



ERROR  
94% HEALTH RISK

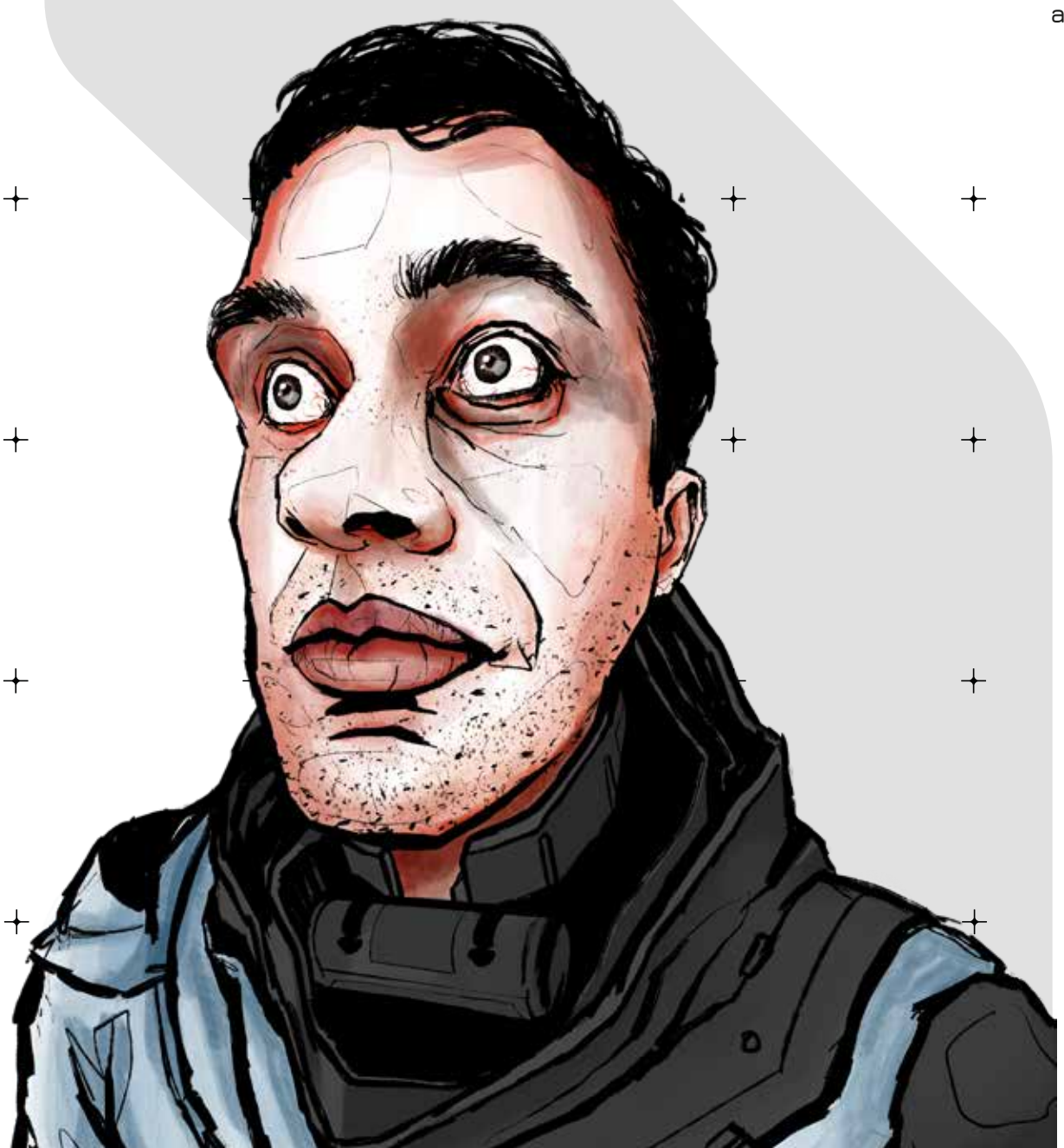
The body rejects the extraction  
and commences decomposition





CAUTION  
POSSIBLE HEALTH COLLAPSE

And there he fell down  
into the chamber.  
No pulse, a blood pool,  
a tragedy.



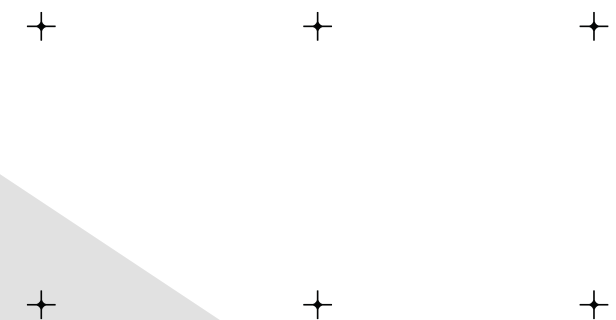
There it was . .  
Blood and death in it's rawest form.  
An endless cycle of regret and  
sorrow for the father.



## SELF DESTRUCT

98% COMPLETE

Killing your own creation takes courage.  
That courage comes with pain.



100%



# YEAR 2089

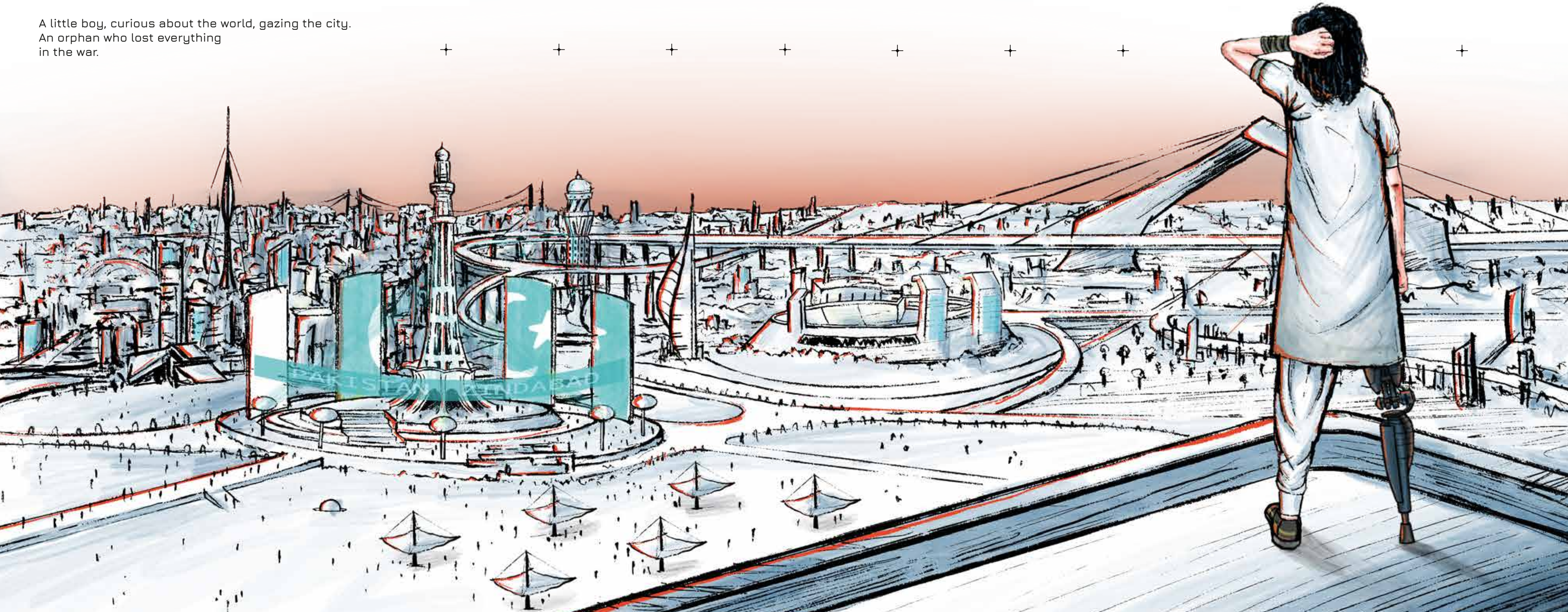
## POST WW3

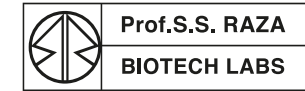
Pakistan's economy has collapsed.  
Populations have been displaced. Most people live in underground  
mecha-towns and slums. A huge chunk of city-042 has been left stranded.



Ashir  
Age: 13  
Disabled.  
The bombings of WW3 left him with  
an amputated leg replaced with a cybernetic prosthetic.

A little boy, curious about the world, gazing the city.  
An orphan who lost everything  
in the war.





Prof.S.S. RAZA  
BIOTECH LABS

Research and Development facility  
for biotechnology.

AN ABANDONED BUILDING MAYBE?  
OR IS THIS AN INVITATION FOR  
EXPLORATION. LET'S FIND OUT.

The curiosity pulled him over and there  
he saw a spark of light among the  
debris.





WOAH!  
THERE IS SOMETHING IN  
THERE FOR SURE.

MAYBE I CAN FIND SOMETHING  
VALUABLE TO TRADE  
FOR FOOD.







AAAAAA . . .  
GODDAMN IT.

The boy tripped and fell.

There he witnessed a huge tall figure standing in the corner, looking down upon him.



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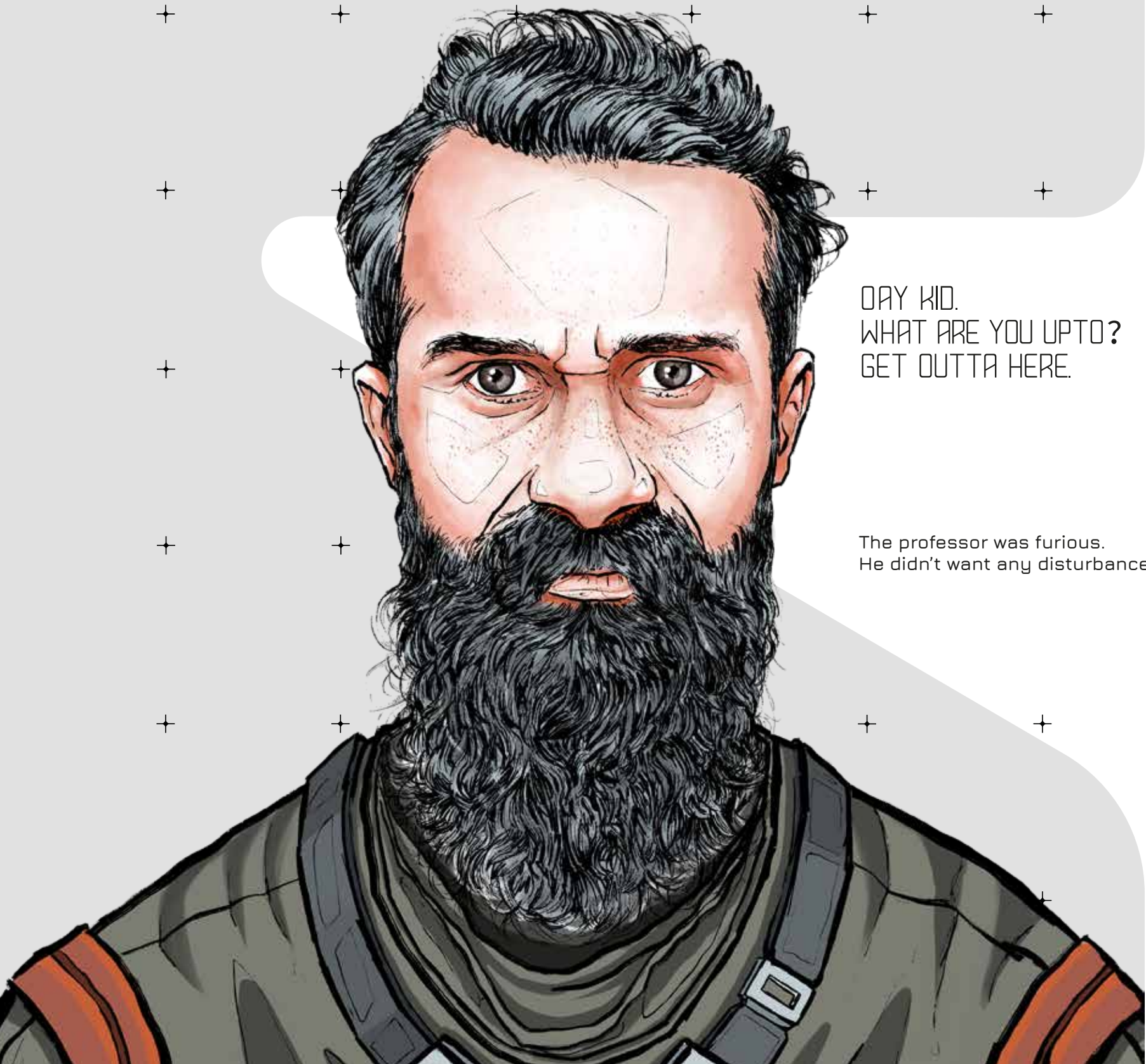
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DAY KID.  
WHAT ARE YOU UPTO?  
GET OUTTA HERE.

The professor was furious.  
He didn't want any disturbance.



BUT MY LEG ...  
I CANT ...



+ + + + + + +

Ashir reminded him of his own son.  
He decided to help the little kid using the newer technology that  
he had been working on for years, 3D Bio-Stereolithography, to refabricate his leg.

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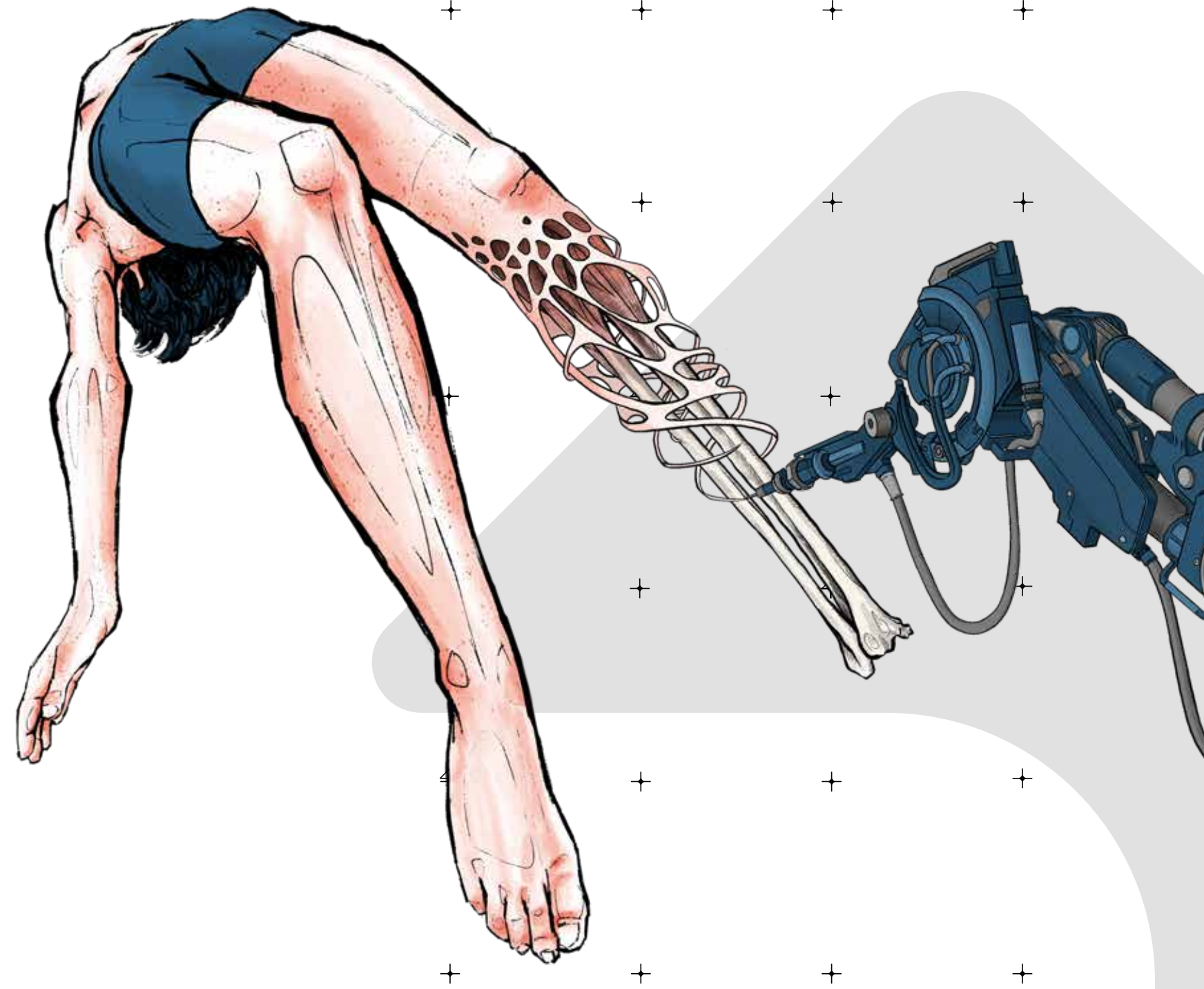
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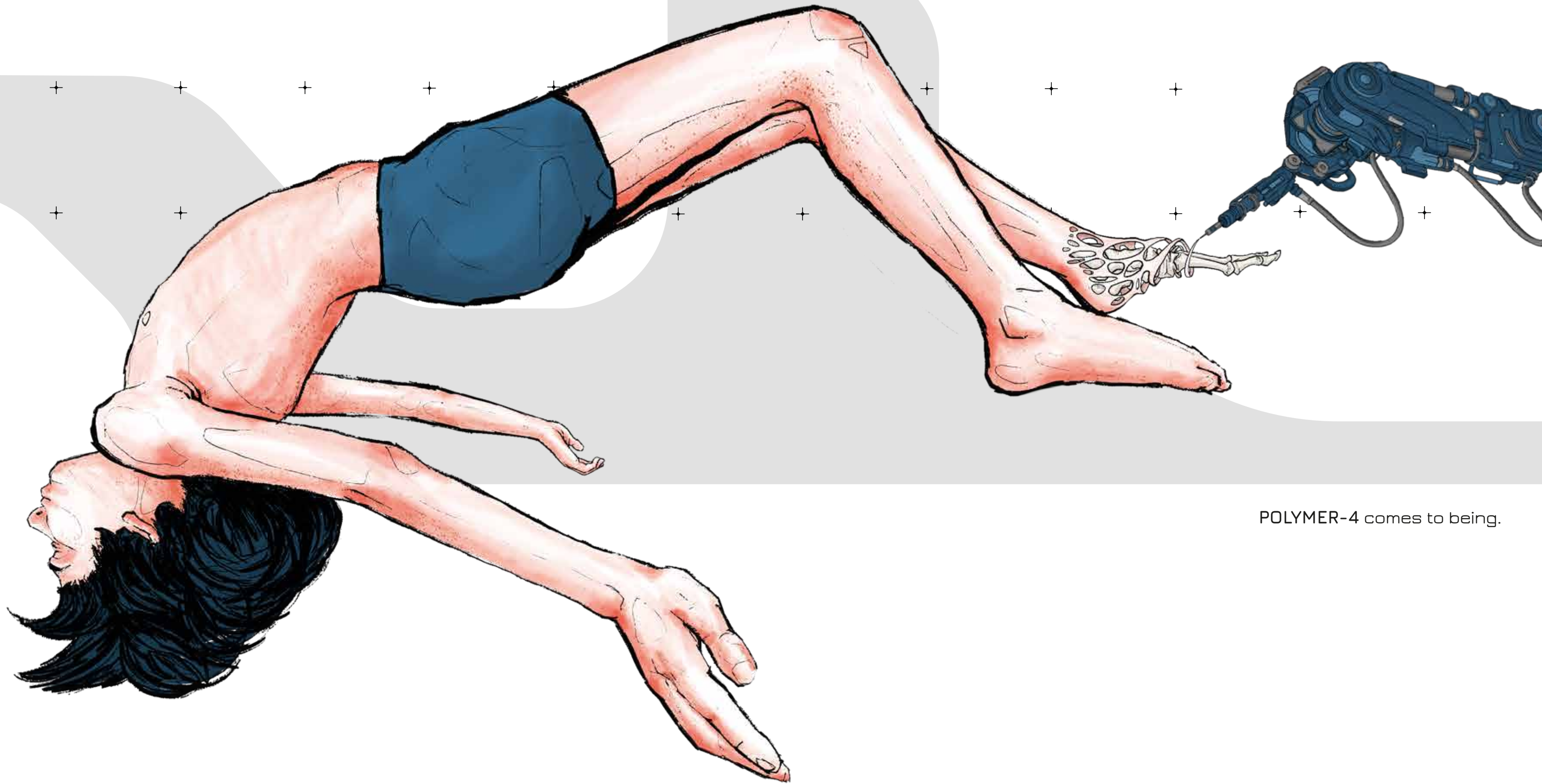
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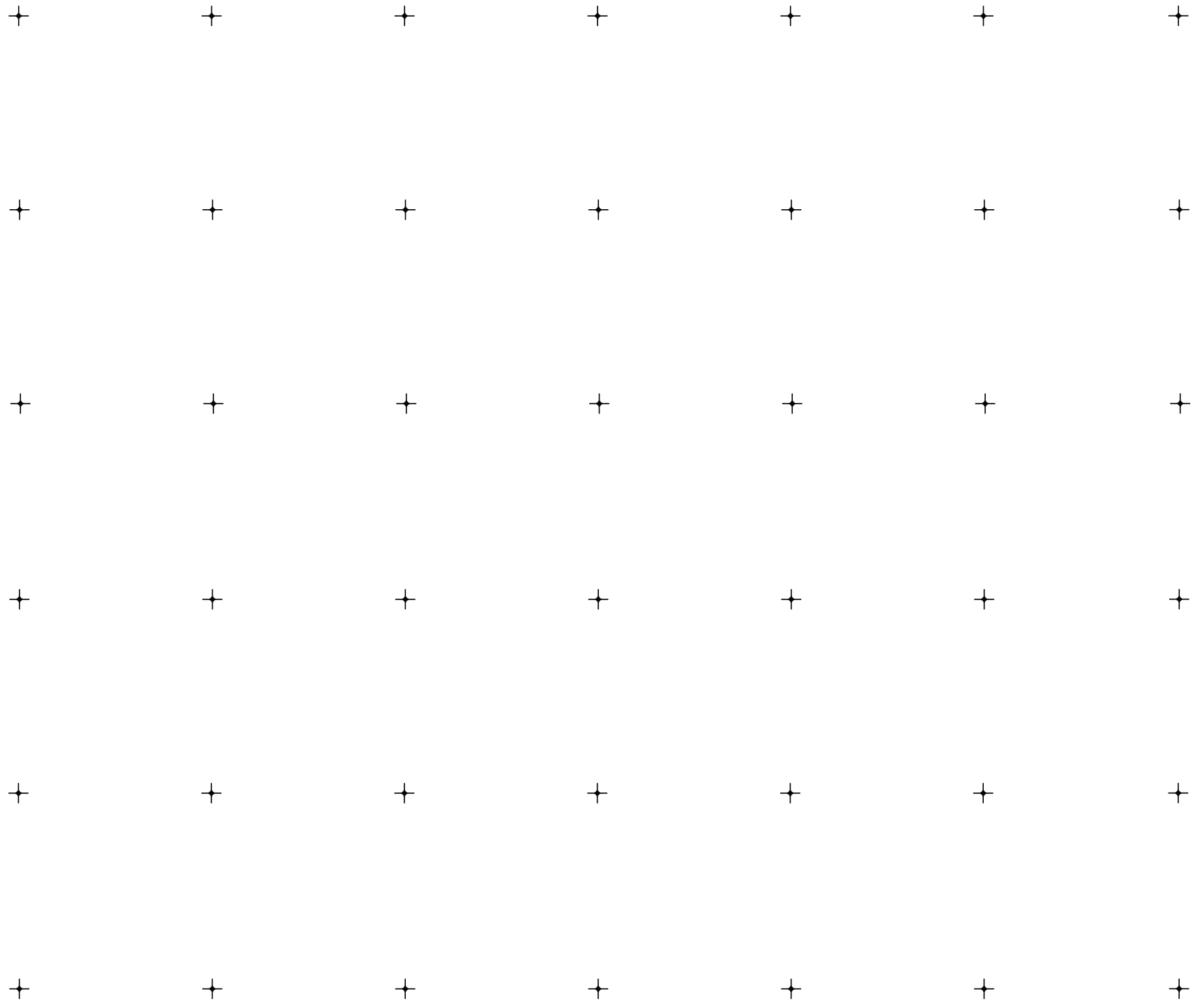
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This time he was successful.





POLYMER-4 comes to being.



This revolutionary technology shaped the future and paved a way for the first artificial bio-evolution of the human race





It's not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is the most adaptable to change.

-Dr. Leon C. Megginson

# EMBRACE NEO-GENESIS

**Neo-Genesis** is a biological term for the regeneration of tissue.

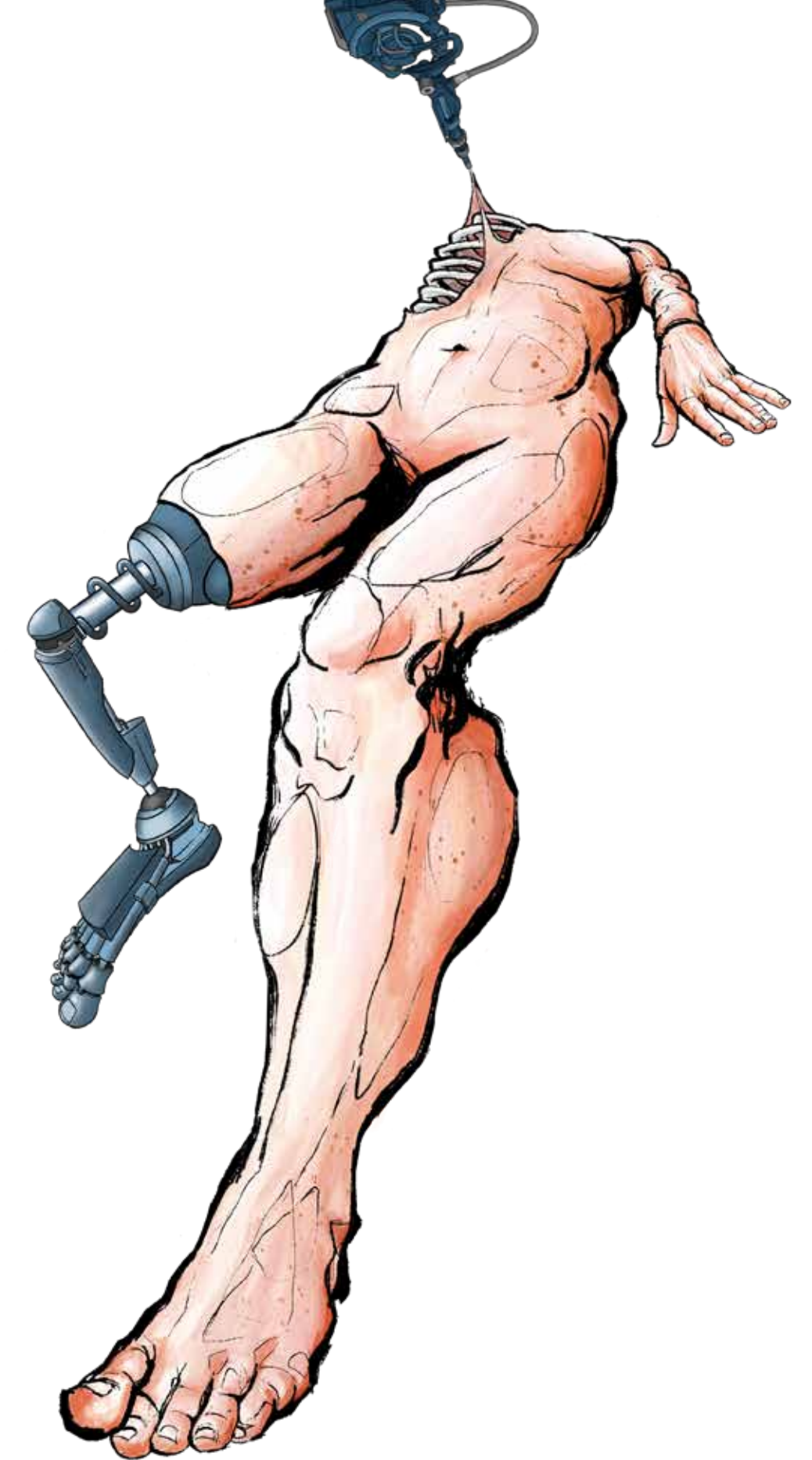
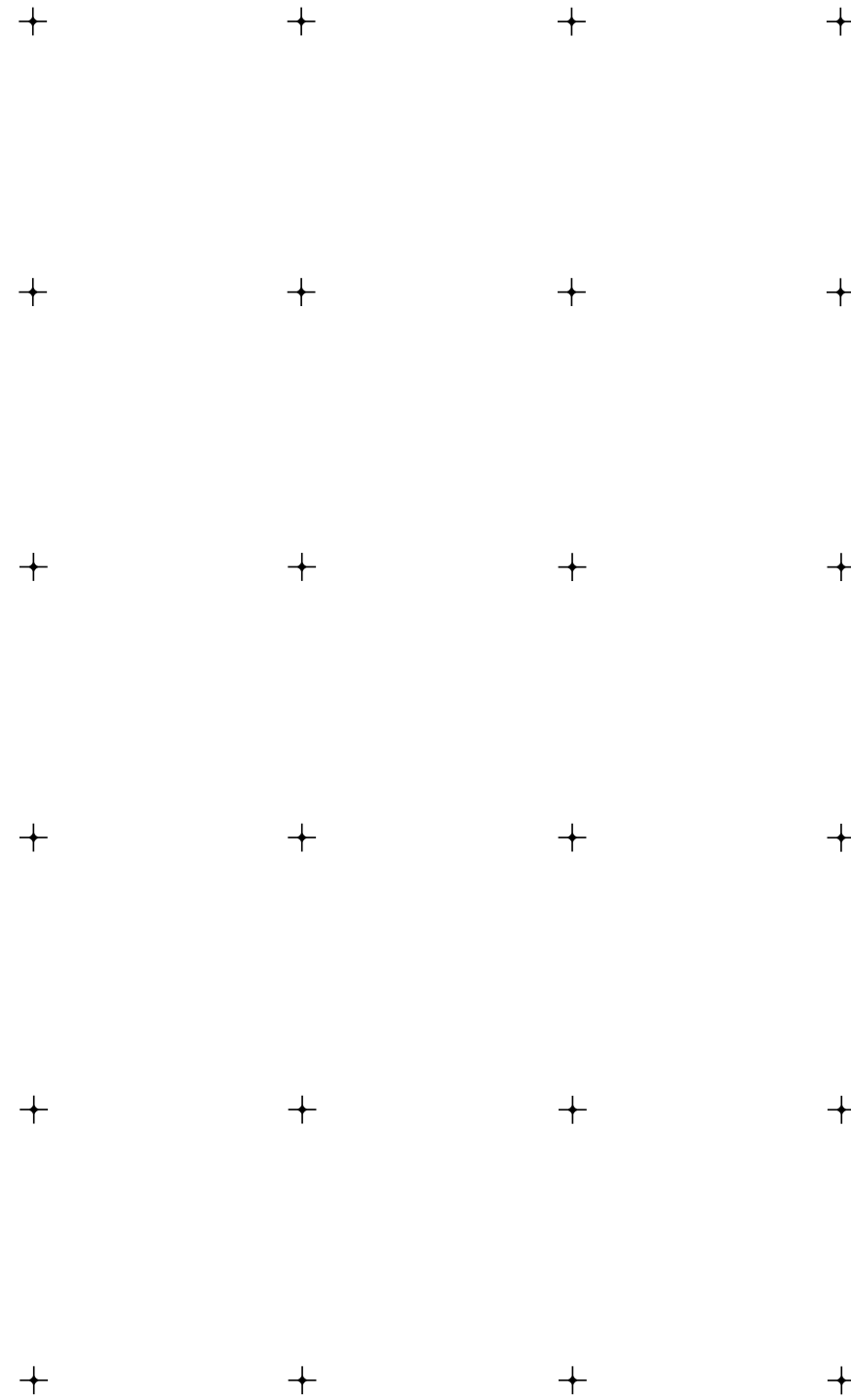
The regeneration of tissue will be possible with the use of **3D Stereolithography**.

This technique will use a special type of polymer for the refabrication of tissue.

This polymer could be called an **Elastomer** due to its chemical properties such as retaining its original shape after being stretched to great extents just like the human tissue.

**Polymer-4** will aid the humanity by providing an alternative and organic substitute for mechanical counterparts.

Hence, it shall **humanise** technology and co-exist with it in the most humane way possible.



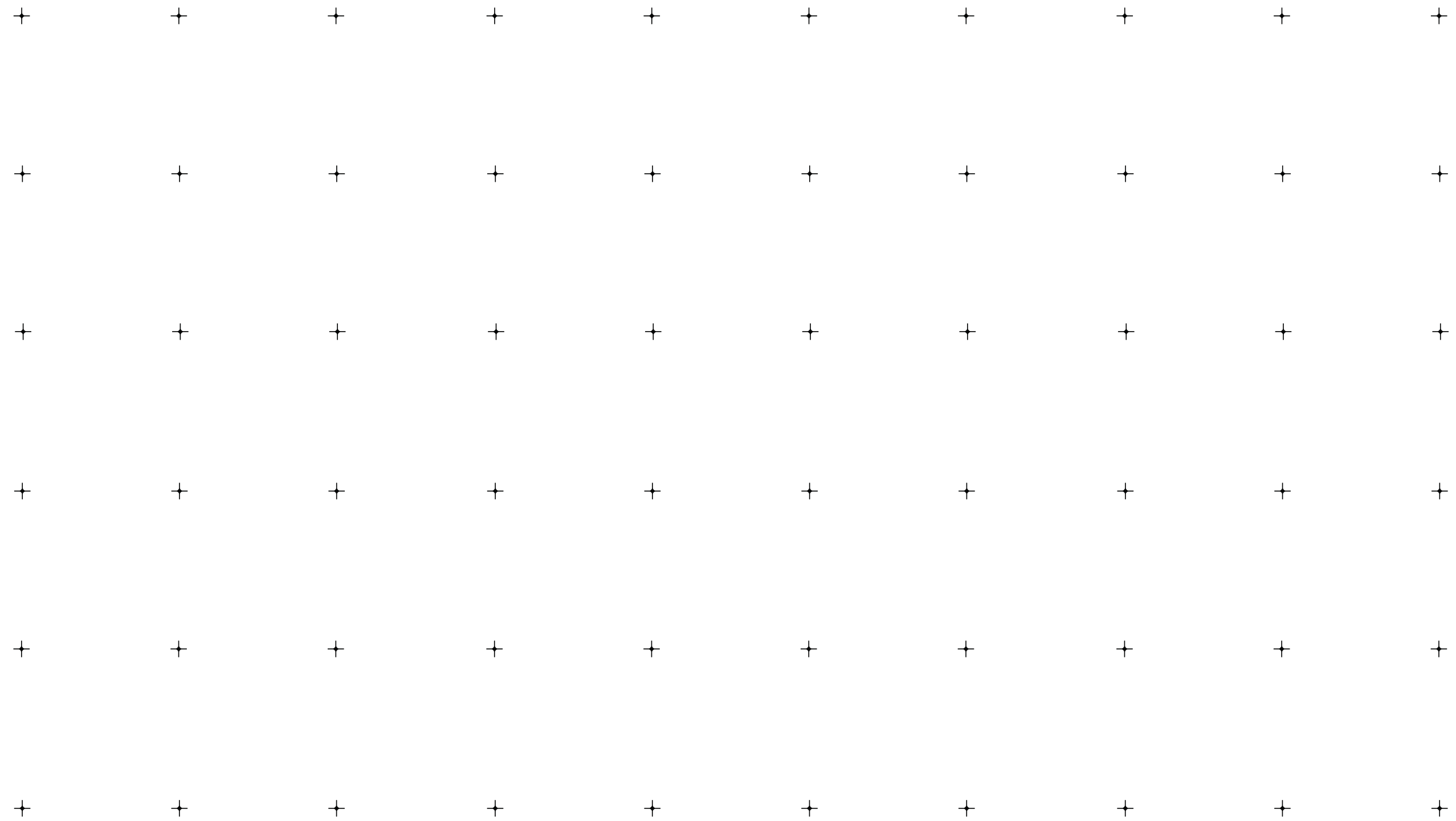
Who we are is but a stepping stone to what we can become

-Deus Ex

This is a work of fiction. Names, characters, places and incidents either are products of the author's imagination or are used fictitiously. Any resemblance to actual events or locales or persons, living or dead, is entirely coincidental.

**Author's Note:**

I'm happy, the book got published.



POLYMER 4

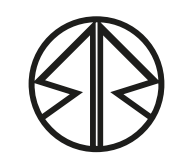
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