



1
00:00:05,279 --> 00:00:12,969
Imagine doctors giving an ultrasound
to patients hundreds of miles away

2
00:00:12,969 --> 00:00:17,099
on Earth or in space.

3
00:00:17,099 --> 00:00:22,660
Imagine tiny, life-saving heart pumps created
with rocket engine technology.

4
00:00:22,660 --> 00:00:25,690
Imagine robot-assisted surgery.

5
00:00:25,690 --> 00:00:27,080
NASA did.

6
00:00:27,080 --> 00:00:32,899
While creating the advanced technologies needed
for space missions, NASA has developed medical

7
00:00:32,899 --> 00:00:37,579
innovations that can be applied to life right
here on Earth.

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00:00:37,579 --> 00:00:43,249
These technologies give first responders fast
and reliable medical tools that help save

9
00:00:43,249 --> 00:00:44,249
lives.

10
00:00:44,249 --> 00:00:50,319
They also enhance preventive care, like thermometer
pills originally made for astronauts which

11
00:00:50,319 --> 00:00:55,839
are now used to make sure athletes, firefighters,
and soldiers don't overheat in the field.

12

00:00:55,839 --> 00:01:01,409

NASA's innovations have even resulted in nutrition plans that help people stay healthy

13

00:01:01,409 --> 00:01:03,280

and lose weight.

14

00:01:03,280 --> 00:01:09,150

Spinoffs like these are just a few examples of how NASA technology turns science fiction

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00:01:09,150 --> 00:01:12,000

into science fact.