



## ORIGIN STORY

Co-Founders Drs Katharine Forth and Erez Aiden met at NASA's Neuroscience lab and invented a highly predictive tool to fit in astronauts' moon/Martian boots. Both had experienced the pain of their grandmother falling and breaking a hip. So, as they chatted at lunch about the power of this new tool, they knew it could help save many lives. The mission was clear. They got up from the lunch table that day and founded ZIBRIO.

## BACKGROUND

**#1** Falling down is the **leading cause of trauma death across all age groups** – higher than automobile accidents – and especially so for those over 65. [Source](#).

**\$67B** Falls represent a whopping **\$67 Billion in medical costs each year**. The healthcare system is failing patients as standard assessments **fail to identify 69-85% of high-risk patients**. Forth et al 2020.

**74%** A new medical device, developed in the US Space Program changes all that. In 60 seconds, ZIBRIO's Stability scale **identifies 2-5 times more high-risk individuals** than current clinical practices. [Source](#).

- Seniors in Texas saw a **74% reduction in falls** when using the Stability scale.
- Primary Care Providers use the Stability scale to detect emerging risks and provide personalized care. [Source](#).

**91%** 91% of older adults believe that maintaining balance is either very or extremely important (source: feedback loop), but don't know where to go for help.

**1-10** The ZIBRIO Stability™ scale provides a **Stability score from 1–10**, and **predicts who will fall in the next 12 months**. Scoring 1 to 3 represents high fall risk, 4-6 moderate risk and 7-10 low risk.

With precision measurement, the ZIBRIO device is robust enough for high-traffic clinical use and simple enough for patients to use in their own homes independently, for themselves, or as prescribed for remote patient monitoring.

**[Watch a short video NASA made about ZIBRIO.](#)**



One 87-year-old woman was able to increase her score from a 2 to a 7 in four months. Unlike other health measures, **balance responds quickly to targeted intervention.** In a study, it took an average of 34 days to shift from a high-risk to moderate-risk zone for falling.

**[Read about her success.](#)**

**[Read the study.](#)**

## QUOTES FROM OLDER USERS

"It is a perfect tool for daily check-ins."

"At our age, balance is very important and anything to identify this challenge is helpful."

"Everyone needs to know balance."

"There is nothing available that duplicates the ZIBRIO balance score."