Additional information:

Below is additional information regarding this project:

1. This project started by two medical doctors, Professor Sahar (the best surgeon in Israel, he works in Soroka Hospital) and Dr. Rechavia (Chief of Cardio Department, Rabin Center). They have been seeking a better solution for open-heart surgery.
2. Many people have tried to solve the problems of open-heart surgery. Among them Professor Aravot from Carmel Hospital (now at Beilinson), who did not succeed because he used a CT machine in the operating room ($2M + radiation).
3. We have found a very simple and effective way to improve the operation. This solution is much better (without using CT). The cost of our device will be US$30-50k. The price is US$250k. Our first customer is Professor Sahar, to whom we promised to sell the first commercial device.
4. Just in the USA, 700,000 people had this open-heart surgery last year. Worldwide, more than 1.5M people experience this operation last year. The number of such operations is growing be 15-20% every year.
5. When commercialized, this device will be in every hospital in every open-heart operating room.
6. We do not believe that other applications have a US$22B market.
7. We have been on contact with VCs and 11 of them (eight in USA, 2 in Canada and one in Israel) are ready to invest millions of dollars when the first working prototype is ready.
8. To make the first working prototype we need US$500k. It will take one year to complete. An additional US$500k and one more year will bring the project to the point where an FDA application will be ready to be filled.
9. This device will be designed for the purpose for opening the sternum. We have another patent and project for sternum closure. For this project, we need US$500k and after one year, the final device will be ready. The market for this device is US$250M.
10. I personally had open-heart surgery and participated in additional three operations to study the procedure, instruments and personnel.
11. This device will change the procedure, the operation will be shorter and more exact, the instrument will be changed to a modern version and instead of two surgeons, only one surgeon + computer will be required. The patient recovery time will be one month instead of 3-4 months.