

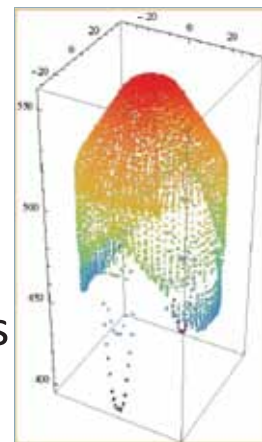
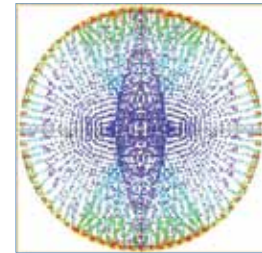
## Modeling and Analysis

### The Challenge

An emerging medical device Company was at a crossroads. They developed a novel technology for cancer therapy, but despite efforts to solve technical problems the manufacturing yield was low. “Unfortunately, this was a multivariate problem and we didn’t know whether we ever were testing the right variable,” according to the Company CEO.

### Triple Ring Impact

- 90 days de-convoluting the problem
- Developed a model so all variables could be understood; revealed small variations dramatically affect performance
- Component tolerances were reduced
- Eliminated vendors not meeting new specifications
- Design and assembly process improvements



### The Results

Product yield improved as breakthroughs were folded into the production line. Ultimately, yield improved significantly and today is excellent. The product was launched and the company secured a new round of equity funding.