

## Glucose Sensor Success Story

### Next Generation Continuous Blood Glucose Sensor Wire

**Challenge:** A medical device company manufactures continuous blood glucose sensor products that were large in size which resulted in patient discomfort. The manufacturing path for these products was also laborious and included sourcing and managing high value base wire and precious metal laden ribbon wire materials. Also, a secondary, low control chemical conversion process was necessary for sensor functionality.

**Solution:** Sandvik Palm Coast developed a composite wire solution that included a lower cost alternative raw materials and a novel composite coating scheme which had never been applied to wire in the past.

**Result:** Sandvik Palm Coast's new *precision wire* solution was not only a lower cost solution and amenable to high volume manufacturing but is it also the most accurate sensor wire on the market.

