Having worked with many startups, Nordson MEDICAL brought critical program management experience coaching startups through the PDP process. The Nordson MEDICAL team also contributed expertise in catheter manufacturing and assembly. Rapid prototyping was done in-house, and the team’s DFMA work helped smooth the transition into small-volume builds.

Nordson MEDICAL had the flexibility to align its Quality Management System with the customer’s document control requirements. In addition, the customer was able to leverage Nordson MEDICAL’s supply chain to procure tooling and components faster and more economically than if it were working on its own.

Nordson MEDICAL developed and manufactured the delivery system, manufactured the finished device assembly with the implant, and managed sterilization for the customer’s Early Feasibility Study—the critical milestone for the company’s continued funding.

OUTCOME

The customer completed an Early Feasibility Study of this novel implant using the interventional delivery system developed and manufactured by Nordson MEDICAL. The study confirmed the efficacy of the technology and paved the way for a broader clinical study that is currently ongoing.

Outsourcing the development of the delivery system significantly accelerated the time to clinical trials, as the customer team did not have the engineering or manufacturing capacity to develop both the implant and delivery system simultaneously.