Reduce Scale-Up Risk with 3R

Nordson MEDICAL’s 3R Design Review is a stand-alone service that reduces technical risk by reviewing, researching, and recommending a path for optimizing medical device designs using Design for Manufacturability & Assembly (DFMA) techniques.

With decades of experience, Nordson MEDICAL has the expertise to step in and conduct an affordable, independent Design Review at any stage. Our skilled, objective team can conduct a systematic review and recommend opportunities to refine your product design, improve your manufacturing process, address yield issues, and reduce costs. The result is a comprehensive summary report with detailed, pragmatic recommendations to reduce risk and improve design reliability.
### Why 3R?

- Your prototype design needs to be more scalable and cost effective to manufacture
  
  **3R can recommend a design path to achieve your commercialization goals**

- You’re challenged with low cost-of-goods-sold (COGS) targets
  
  **3R can recommend how to redesign your device and optimize your processes**

- You’re concerned about reliability and scalability in production
  
  **3R can advise on optimizing manufacturing processes and supply chain**

- You need to improve product performance
  
  **3R can develop a plan for iterating your design to better meet customer and commercial needs**

- You’re moving a development project to a new supplier
  
  **3R can conduct an objective review of the design to highlight technical risk and recommend opportunities for improvement before the transfer**

### Why Nordson MEDICAL?

- Experts in design, development, manufacturing, and assembly of complex medical devices and components

- 100+ design and development engineers with expertise in New Product Development (NPD) and New Product Introduction (NPI)

- Expertise in LEAN, Design for Excellence (DFX), and Design for Manufacturability & Assembly (DFMA)

- Access to specialized tools such as Boothroyd Dewhurst DFMA® methodology and molding flow modeling

- Specializing in interventional, surgical, and other single-use devices