



Innovate with Spectrum Plastics Group

With our industry recognized technical expertise, Spectrum Plastics' can help you conceptualize ideas into concrete designs. Launch your project into the market with Spectrum Plastics Group.

spectrumplastics.com/launchpad



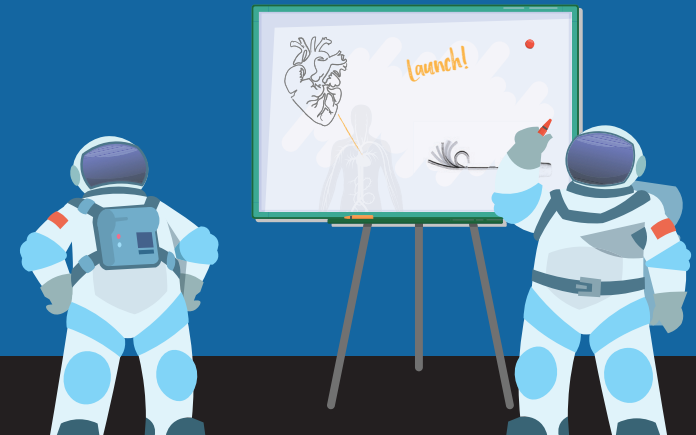
LAUNCHPAD

A MISSION CRITICAL ACTIVITY FOR A SUCCESSFUL LAUNCH.



EVERY INNOVATION STARTS WITH AN IDEA.
Explore the possibilities with Spectrum Plastics Group.

While there are countless ideas generated every day, only a few have the right combination of creativity, practicality, timing, and feasibility to make it to the market and into the hands of a clinician. Through Spectrum Plastics' cross functional team of engineering, quality and manufacturing resources, your new medical device idea can come to life and make it to market with a strategic plan for successful product launch.





THE PROCESS

Launch Pad is a focused, brainstorming session, providing participants with a collaborative experience with Spectrum Plastics' team of technical experts. Within the parameters set by you and your team, the goal of Launch Pad is to generate applicable concepts by drawing on Spectrum's vast knowledge base.

Spectrum's expertise covers a variety of specialties including polymer science, device design, processes, manufacturing, and clinical applications.

A Launch Pad innovation will focus on:

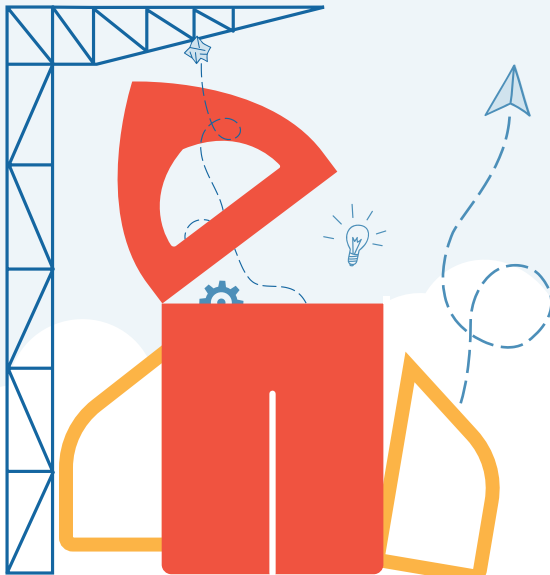
- Idea Generation
- Conceptualize product designs
- Review performance requirements
- Determine material construction
- Understand the impact of design decisions
- Evaluate potential manufacturing processing constraints
- Clinical application mapping

Launchpad: Countdown to Customer Satisfaction

- Comprehensive report documenting design concepts
- Suggestions / Roadmap for Future Product Development
- Pros and cons of each design
- Feasibility assessment of each concept
- Conceptual drawings
- Details for patent submission

Who should participate in Launch Pad?

- Researchers
- Entrepreneurs
- Engineers
- Product development teams
- Start-up companies
- Large organizations
- Clinicians



WHAT'S NEXT AFTER LAUNCH PAD?

Design, Prototyping and Development

- Complete concept feasibility and market assessment
- Translate concepts into 3D models with CAD Software
- Develop rapid prototypes through 3D printing or off-the-shelf components
- Design verification and validation

The ONE Spectrum Solution

From the project's inception, Spectrum Plastics' in-house expertise adds value to the customer's development project, making the project cost effective and on time. Beyond offering design, prototyping and development services, Spectrum Plastics is a full-serve manufacturing partner providing comprehensive and precision-engineered medical device solutions to the Medical Device industry.

- Full-service design & development services
- ISO 13485:2016 certified, FDA registered
- Enterprise quality management system
- 20+ certified cleanrooms
- 60+ years manufacturing experience

Additional Educational Services

Once your medical device idea is conceptualized, you have the option to attend Apollo® Space Camp, a full-day catheter workshop, held at our Extrusion Technologies Center of Excellence in Sandy, Utah. This program provides you the opportunity to collaborate firsthand with engineers and technicians to understand the impact of design decisions.

SPACE Camp attendees participate in a specification review, extrude on-line, and work hands-on with our experts to build prototypes. SPACE Camp provides real-time catheter design iterations and education on extrusion manufacturing.



CONCEPT

DEVELOPMENT

VERIFICATION & VALIDATION

LAUNCH

PRODUCTION

Spectrum Plastics provides unrivaled technical support through the entire product life cycle to ensure design feasibility and functionality to produce best-in-class, high quality products.

