

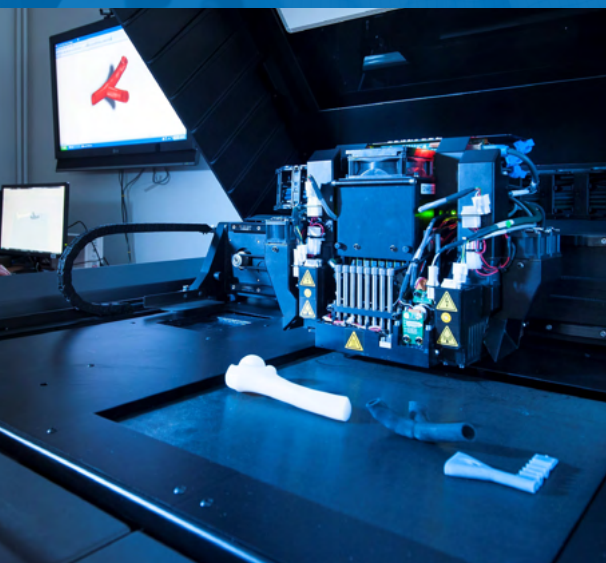
Product Development

Turnkey development services from Advant Medical

Advant's product development and design for manufacturing teams are fully equipped to work with you from early stage development through to pilot and volume manufacturing. We support organisations of all sizes and stages of development including:

- Entrepreneurs
- Engineering and development companies
- New start-ups
- SME medical device companies
- Multinationals

Our dedicated multi-discipline teams will partner with you throughout the product lifecycle from concept to market release. In combination with our 3D Printing, Rapid Prototyping, Injection Moulding, Contract Manufacturing and Contract Packaging Solutions, our capabilities in regulatory, quality and strategic sourcing services will provide a complete turnkey solution for your medical device.



Service: Our Unique Ingredient

We understand how important your new product idea is and the wide range of challenges in your journey to commercialisation. When you choose Advant Medical as your partner you can be assured of the highest levels of service, responsiveness and attention to detail. Whether you are an entrepreneur, start-up company or a multinational, our experienced team are ready to engage and support your needs.

Advant Medical

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Your Product Development Partner

Our Portfolio includes:

- Minimally invasive vascular devices
- Neurovascular thrombectomy devices
- Clot management products
- Implantable device contract packaging

3D Printing

Accelerate your new product design with our 3D Printing services

Advant Medical provide high precision rapid prototyping services using our Connex 350 3D Printing technology. We provide samples in high resolution layers down to 16 microns allowing smoother surfaces and thin walls for both simple and complex designs. The build area is 340mm x 34mm x 200mm with an accuracy of between 0.1mm and 0.25mm.

120 material combinations include:

- Transparent materials
- Rigid opaque materials
- Multiple durometer materials
- Simulated Polypropylene
- High temperature materials

Injection Moulding

Supporting your pre-commercial and commercial injection moulding needs

In conjunction with our 3D Printing technology and vast experience in thermoplastic injection moulding, Advant Medical has the ability to support pilot manufacturing along with low and high volume production quantities. Our lean approach ensures a design for manufacturability resulting in competitive costs and lead-times.

Materials include:

- High Density Polyethylene
- Polypropylene
- Low Density Polyethylene
- Linear Low Density Polyethylene
- Polycarbonate
- Acrylonitrile Butadiene Styrene