

## Personal Details

Name: Stewart Maddison Fox  
Home address: Cambridge, England

## Summary

I am an experienced engineer and project manager, and have worked for over 25 years helping companies, many of them start-ups, take products from concept through approvals and into market. After working for a number of world-leading technology consultancies, I now work on a freelance basis, offering consultancy advice on product development and contract project management services. I have particular expertise in medical devices, including coronary catheters, surgical instruments, in vitro diagnostic instruments and drug delivery devices.

Some of the more significant projects that I have managed are listed below:

- The development of an in vitro diagnostic instrument for a UK SME. I worked as the project manager of a client team, driving a group of 30 staff to develop the instrument from concept to regulatory submission in 9 months.
- The development of a novel colonoscope, from concept to clinical trials. I managed this fast-track project to develop, manufacture and verify a new design of endoscope in just over 12 months.
- The development of a thermography system, used by cardiologists to detect vulnerable plaque in coronary arteries. I managed a consortium of companies across Europe and the US to deliver an intracoronary catheter, console and pull-back device in aggressive timescales.
- The development of a handset for use in electrosurgery. This was a complete turn-key project, from concept design to validation and production ramp up, and was completed in only 9 months.
- The development of a delivery device for surgical sealant. During the course of the project, I generated significant IP in the application of a novel sterilisation technique to the sealant primary packaging.
- The development of an organ preservation system, to provide organ preservation, repair and assessment prior to transplantation. The project involved development from a prototype to a validated system and was conducted under tight time and budget constraints.
- The industrialisation of a needle-safe injection device for a leading European pharma company. I worked as the project manager of the client team, managing vendors and coordinating activities across the device development, regulatory, QA and supply chain departments of the client organisation.

In addition, I have worked as an expert witness on a patent infringement case, which went to trial, involving a consumer drug delivery product.

## Employment Experience

- Aug 2011 - Present    **Maddison Consulting**  
*Owner*
- Jan 2013 - Present    **Team Consulting Ltd**  
Ickleton  
Cambridge  
  
*Managing Consultant*  
I have worked part-time for Team for two periods since 2013, both times as a project manager for a large, complex development project – firstly, an organ preservation system and secondly, a body-worn infusion pump.
- Sep 2010 – Jul 2011    **Sagentia Ltd**  
Harston  
Cambridge  
  
*Sector Head, Patient Care*  
I led Sagentia's Patient Care sector, one of the five business units of the company, with responsibility for P&L, business development and line management of a small team of sector specialists. The sector included the drug delivery and critical care market segments and had annual revenues of over £2MM.
- 2002 – Aug 2010    **PA Consulting Group**  
Melbourn  
Hertfordshire  
  
*Managing Consultant and Skill Group Leader, Product Engineering Group*  
My role at PA combined project management, business development and line management. The majority of my work was in the area of medical device development, running internal and client teams to take devices from concept to production.
- 1991 - 2002    **Cambridge Consultants Ltd**  
Science Park  
Cambridge  
  
*Group Leader, Medical Products Group*  
My responsibilities at CCL included managing projects, leading technical teams, generating business and developing the company's expertise, particularly in medical product design.

1986-1991

**Edwards High Vacuum Ltd**

Crawley  
West Sussex

*Senior Mechanical Design Engineer*

I was responsible for the design and development of high vacuum pumps and accessories, primarily turbomolecular pumps.

**Education**

1983-1986

Downing College  
Cambridge University

MA in Engineering Science, 1st class

1976-1983

Hampton School  
Hampton  
Middlesex

5 A-Levels (4 Grade A)  
1 S-Level  
11 O-Levels (10 Grade A)