Case Study – BarberVax

- 1st round worm vaccine for sheep
- 4c designed and built 3 bespoke machines for commercial vaccine production

Case Study – Numnuts

- Humane lamb tail docking and castration
- 4c designed and prototyped novel tool
- Proven in farm trials UK & Australia
Dr Susie Ranford  
susie@4cdesign.co.uk  
01413535490

Ewan Macpherson  
eswan@4cdesign.co.uk  
07825854851

• Design
• Engineering
• Prototyping

“Iinnovating to improve lives”