



Llywodraeth Cymru
Welsh Government

Haemaflow Ltd

www.cymru.gov.uk

Haemaflow was established privately in 2008 as a spin-out from Swansea technology firm Haemair Ltd.



Haemair Ltd develops respiratory aids that mimic the performance of healthy lungs in patients with respiratory problems. In doing so, the company found it required novel technologies not yet commercially available, including new instruments for measuring gas compositions and for measuring the propensity of blood to clot.

Haemaflow was established to develop and exploit these instruments, and support from the Welsh Government's Academic Expertise for Business programme has enabled Haemaflow to work collaboratively with Swansea University and other partners to conduct research in a variety of areas.

One project with the internationally acclaimed complex fluids group, at Swansea University, has also

led to the development of an instrument for tracking the changing properties of gelling fluids, which is particularly valuable for determining the propensity of blood to clot.

This is important in designing any medical device that contacts blood that will return to the body, as it is dangerous to return blood that is likely to clot quickly, or already contains clots.

Haemaflow has also adapted Haemair's respiratory technology to develop small, low-cost devices for improving the quality and safety of transfused blood. This work in

particular has been part-funded by the UK Technology Strategy Board, and Haemaflow is currently exploring routes to fund a continuation of the work to the stage at which it can actively benefit patients.

Haemaflow Managing Director, Bill Johns, said: "Support from the Welsh Government has offered Haemaflow access to the academic expertise available at Swansea University and has been vitally important in establishing the basis of a Haemaflow product portfolio."



To find out more about funding and support from the Welsh Government:

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