LIVING WITH AN LVAD –
ON THE WAY TO NORMALITY

Institute of Transplantation, Freeman Hospital
Newcastle upon Tyne Hospitals NHS Foundation Trust

Friday December 5th 2014

Around the world long term LVAD therapy has developed into a standardised, and mainly home based care with remarkable outcomes and quality of life, and very limited hospital readmissions, allowing for a near normal life for most patients. As an exciting consequence of LVAD therapy, recovery of the diseased heart is possible in some patients, making the need for a heart transplant unnecessary.

Recently, these new options have been made available for paediatric patients as well.

In the UK restriction applies to long-term implantable devices. LVAD’s can only be used in patients suitable for heart transplantation. With the drastic decline of transplantation and the continued improvement of durable mechanical devices, there is a dawning realization that the latter is soon to become the option of choice for patients with chronic heart failure in general.

In the US already today long term LVAD therapy for patients not suitable for transplantation (destination therapy) accounts for more than 40% of all durable devices implanted.

The 5th Annual Meeting on Mechanical Circulatory Support in Newcastle is addressing issues of home based care, myocardial recovery and destination therapy in adults and children. As in previous years, we have been able to attract some of the most prominent physicians and surgeons nationally and internationally in order to allow you to interact and network. We are hoping that you will be able to share your experience with us, thus making it a valuable meeting, and hopefully we will be able to improve the care of heart failure in the UK.

Welcome to Newcastle

Prof Stephan Schueler  Dr Guy MacGowan  Mr Asif Hasan

The Meeting has been Awarded 6 CPD points by Royal College of Physicians

Places on this exciting course are offered at no charge, if you would like to attend RSVP to: ann.ramsey@nuth.nhs.uk

Meeting supported with unrestricted educational grants from
HeartWare Inc. (www.heartware.com), Maquet (www.maquet.com)
Sunshine Heart (www.sunshineheart.com), SynCardia Systems (www.syncardia.com)
Welcome Sir Leonard Fenwick
Introduction Prof Schueler

9.00 – 10.30 Chair: Andrew Clark / David Crossland

Durable LVAD Therapy in Non – Transplant Patients
Steven Boyce

Achieving Normality at home
Neil Wrightson

Destination Therapy in the Netherlands
Harriette Verwey

We send them home – long term support in children and adolescents
Jennifer Conway

Coffee Break

11.00 - 12.30 Chair: Guy MacGowan / Paul Smith

Recovery from advanced cardiomyopathy –
Can we do better with durable LVAD’s
Dennis McNamara

How to improve the network of care for the sickest –
Nobody should slip through the net
Andrew Clark

Partial chronic mechanical circulatory –
Is there a potential for less sick patients ?
Nick Banner

Chronic aortic counterpulsation –
Early Results and potential for the future
William Peters

Lunch Break

13.30 – 15.00 Chair: Chandrika Roysam / Andre Simon

Durable LVAD support in children – on the way to routine care
Asif Hasan

Long Term Experience with the Total Artificial Heart
Francisco Arabia

Smaller, Easier, Better – Expectations for the next generation of LVAD’s
Daniel Burkhoff

Coffee Break

15.30 - 17.00 Chair: Nick Banner / Ceri Davies

Convince the Payers
Stephan Schueler

Difficult Cases
Nicola Robinson-Smith
Andrew Woods

Closing Remarks

Reservations: Please email ann.ramsey@nuth.nhs.uk
## Faculty

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