



## CURRICULUM VITAE

**Name and Date of Birth:** Jan Hultman, born September 6<sup>th</sup>, 1945  
**Citizenship:** Swedish

### Education/Academic Degrees

1973 MD  
1977 Specialist in Anaesthesia and Intensive Care  
1983 PhD in Myocardial Ischemia and Reperfusion  
1987 Docent (Associate Professor) in Anaesthesia and Intensive Care

### Board Certifications

Licence to practice medicine in Sweden, (1973)  
Licensed specialist in Anaesthesia and Intensive Care (1977)

### Professional Experience (major appointments)

Uppsala University Hospital	Anaesthesia	1975 - Oct.1987
Dep. of Anaesthesia University of Texas Health Science Center San Antonio, Texas, USA Visiting Professor	Anaesthesia	Oct. 1987- 1989
Uppsala University Hospital	Anaesthesia	Sept. 1989-1993
Dir. Cardiothoracic Anaesthesia Huddinge University Hospital, Stockholm	Anaesthesia	June 1993-Dec 1994
Dir. Cardiothoracic Anaesthesia Uppsala University Hospital	Anaesthesia	Jan 1995-Aug 2006
Dir. Cardiothoracic Anaesthesia Karolinska University Hospital, Stockholm	Anaesthesia	Sept. 2006 – June 2007
Dir. Cardiothoracic Anaesthesia and Cardiothoracic Surgery Karolinska University Hospital, Stockholm	Anaesthesia and Surgery	July 2007 - Sept 2010
Karolinska University Hospital Solna The ECMO unit Associate Prof	Anaesthesia	Sept 2010-

### Scientific Recognition, Activities in the Scientific Community and Entrepreneurship

Chair for the Swedish Association for Thoracic Anaesthesia and Intensive Care  
1991-1997  
Member in the Steering Committee for Echocardiography in the European Association for  
Cardiothoracic Anaesthesiologists (EACTA)  
1993-1998

Lecturer in the Annual Echocardiography meeting in the EACTA 2000-2010  
Member in the working group of Echocardiography in European Society of Cardiology 1994-2007  
Member of the European European Lung Support Organization 2010-

**Supervision of Ph.D. theses** 5 Main supervisor  
12 Co supervisor

**Actual supervision of Ph.D. theses** Central hemodynamics with special focus on Right Ventricular function in ECMO treatment.

**Main supervisor**

ECMO flow dynamics with special reference to recirculation problems  
The importance of cannula design and flow directions.

**Main supervisor**

ECMO treatment and flow dynamics in the Extracorporeal circuit with special focus on clot detection. Dissertation scheduled for Late 2020

**Main supervisor**

Pharmacogenetics during ECMO treatment  
Oxygenator flow dynamics

**Main supervisor**

## **Publications**

**56** original papers/ List for the last 10 years

### **Publications for the last 10 years**

[Extracorporeal Membrane Oxygenation for Septic Shock.](#)

Falk L, **Hultman J**, Broman LM.

Crit Care Med. 2019 Aug;(47)8:1097-1105. doi: 10.1097/CCM.0000000000003819.

[Long-term Pulmonary Function and Quality of Life in Adults After Extracorporeal Membrane Oxygenation for Respiratory Failure.](#)

Viktor von Bahr, Håkan Kalzén , Björn Frenckner , **Jan Hultman**, K Gunilla Friséén, Marika K Lidegran , Sandra Diaz, Maximilian V Malfertheiner , Jonathan E Millar, Tanja Dobrosavljevic, Staffan Eksborg, Bernhard Holzgraefe.

Perfusion 2019 Apr;34(1\_suppl):49-57. doi: 10.1177/0267659119830244.

[Long-Term Cognitive Outcome and Brain Imaging in Adults After Extracorporeal Membrane Oxygenation.](#)

von Bahr V, Kalzén H, **Hultman J**, Frenckner B, Andersson C, Mosskin M, Eksborg S, Holzgraefe B.

Crit Care Med. 2018 Jan 30. doi: 10.1097/CCM.0000000000002992. [Epub ahead of print]

[Long-Term Survival in Adults Treated With Extracorporeal Membrane Oxygenation for Respiratory Failure and Sepsis.](#)

**von Bahr V**, Hultman J, Eksborg S, Frenckner B, Kalzén H.

Crit Care Med. 2017 Feb;45(2):164-170. doi: 10.1097/CCM.0000000000002078.

[Long-Term Survival and Causes of Late Death in Children Treated With Extracorporeal Membrane Oxygenation.](#)

**von Bahr V**, Hultman J, Eksborg S, Gerleman R, Enstad Ø, Frenckner B, Kalzén H.  
Pediatr Crit Care Med. 2017 Jan 10. doi: 10.1097/PCC.0000000000001069. [Epub ahead of print]

[Extracorporeal membrane oxygenation improves coagulopathy in an experimental traumatic hemorrhagic model.](#)

Larsson M, Forsman P, Hedenqvist P, Östlund A, **Hultman J**, Wikman A, Riddez L, Frenckner B, Bottai M, Wahlgren CM.  
Eur J Trauma Emerg Surg. 2016 Nov 4. [Epub ahead of print]

[Cannula Design and Recirculation During Venovenous Extracorporeal Membrane Oxygenation.](#)

Palmér O, Palmér K, **Hultman J**, Broman M.  
ASAIO J. 2016 Nov/Dec;62(6):737-742.

[Double lumen catheter placement during VV ECMO in an infant with persistent left superior vena cava-  
important considerations.](#)

Broman LM, **Hultman J**.  
ASAIO J. 2014 Sep-Oct;60(5):603-5. doi: 10.1097/MAT.000000000000109.

[.Early bioprosthetic mitral valve failure due to fusion of the cusps](#)

Glaser N, Liska J, **Hultman J**, Svenarud P.  
Ann Thorac Surg. 2013 Aug;96:699-701.

[Milrinone Improves Diastolic Function in Coronary Artery Bypass Surgery as Assessed by Acoustic  
Quantification and Peak Filling rate: A Prospective Randomized Study](#)

Birger Axelsson, Mikael Arbeus, Anders Magnuson, **Jan Hultman**  
J Cardiothorac Vasc Anesth. 2010 Ap;;24(2):244-9.

[Milrinone Increases Flow in Coronary Artery Bypass Grafts After Cardiopulmonary Bypass: A Prospective,  
Randomized, Double-Blind, Placebo-Controlled Study.](#)

Arbeus M, Axelsson B, Friberg O, Magnuson A, Bodin L, **Hultman J**.  
J Cardiothorac Vasc Anesth. 2009 Feb;23(1):48-53