



Press Release 03/08

09.05.2008

Novalung Academy celebrates 1st anniversary

Since the foundation last year more than 600 participants from 16 nations attended trainings

In these days the Novalung Academy celebrates its first anniversary. Since the foundation of the training centre in May 2007 over 30 courses took place. Due to increasing demand the Academy has already been broadening its courses offered.

Objective: Maximization of patient and user safety

Clinical trainings are a key element of Novalung's service concept. The Novalung Academy has therefore been founded in order to serve as an international service provider for clinical support, training, trials and procedural innovation. Various courses regarding protective ventilation and other intensive care contents are offered. The pathophysiology of the lung, protective ventilation strategies as well as alternative respiratory procedures forms the basis of the courses. Technology and handling of advanced procedures like extrapulmonary ventilation or high frequency oscillatory ventilation (HFOV) build up on this basis. Seminars in the laboratory, exercises at the patient simulator and an intensive exchange of experience with colleagues from other hospitals are further essential elements of our courses. The instructors know the hospital from daily clinical practise and are scientifically at the highest level.

Novalung Academy: Going international

All courses are offered in German and English. More than 600 participants from 16 nations - among others US, Canada, great Britain, Korea or Israel – attended the courses at the Novalung Academy. Due to substantial interest in Asia some training even took place in Japan. Workshops are also conducted on national and international congresses.

The objective of the Novalung Academy is to further increase the number of trainings in the upcoming year.

24/7 Clinical Support

An integral part of the Academy is the Novalung Clinical Support Team. In order to maximize patient and user safety and outcomes, the first applications in each clinic are supported by employees experienced in intensive care. The clinical support team assists at all hours on site in the clinic or gives advice by telephone - 24/7.

For further information click here:

www.novalung-academy.com

Press Release 03/08

09.05.2008

Background information Novalung GmbH - Driver of a paradigm shift

Novalung is the only company worldwide producing an artificial lung assist device – “Made in Germany” - which breathes outside the patient. The **iLA Membrane Ventilator®** eliminates the carbon dioxide outside the human lung driven by the human heart like a natural organ. Thereby the patient’s lung is protected as it doesn’t need to perform the complete gas exchange.

The iLA Membrane Ventilator® is implemented without surgery in a groin artery and vein by using two specifically developed **NovaPort®** vascular accesses. The artificial lung measures 14x14 cm only. Inside a hollow fibre membrane takes over the function of the pulmonary alveoli and completes the else wise common mechanical ventilation or can even replace it sometimes. Protective ventilation strategies can now be persecuted consequently; the natural lunge gets „time to heal“.

The **iLA Membrane Ventilator®** has been approved for a temporary use up to 29 days for patients of intensive care units. But Novalung strives for further development of the artificial lung. Future products will address solutions for chronic lung diseases. According to WHO in 2012 chronic lung diseases will be cause of death number 3. Those new products could thus be a major breakthrough in improving quality and expectancy of many people’s life. It’s the philosophy of Novalung to define specifications and requirements of future solutions in cooperation with physicians and scientists.

In 2007 Novalung increased its portfolio by a high frequency oscillatory ventilator, **Vision α®**, being a quantum leap in mechanical ventilation. The high frequency oscillator focus on a very protective and efficient oxygenation and enables therefore an optimal combination with the Membrane Ventilator® therapy.

You can download high-resolution pictures as well as the literature compendium on www.novalung.com or it will be sent on request via email.

Please send us a copy of your imprint.

Contact:

Franziska Pfund
Head of Marketing
franziska.pfund@novalung.com

Novalung GmbH
Lotzenäcker 3
72379 Hechingen
Germany
Tel.: +49 7471 984 88 0
Fax: +49 7471 984 88 15
www.novalung.com