

**II Conference on:
Recent insights and new perspectives
in lung transplantation**

**Pavia (Italy), October 9, 2003
Università degli Studi di Pavia, Aula Magna
Corso Strada Nuova, 65**

**Pavia (Italy), October 10-11, 2003
Palazzo San Tommaso
P.zza del Lino, 1**

**Organized by
CATTEDRA - DIVISIONE DI CARDIOCHIRURGIA,
UNIVERSITÀ DEGLI STUDI DI PAVIA
I.R.C.C.S. POLICLINICO SAN MATTEO DI PAVIA (ITALY)**

**CLINICA MALATTIE APPARATO RESPIRATORIO,
UNIVERSITÀ DEGLI STUDI DI PAVIA
I.R.C.C.S. POLICLINICO SAN MATTEO DI PAVIA (ITALY)**

FONDAZIONE INTERNAZIONALE MENARINI

**Thursday, October 9, 2003
Università degli Studi di Pavia, Aula Magna**

Opening ceremony

18.00 **Welcome addresses**
M. Viganò and **E. Pozzi** (Pavia, I)
Co-Presidents of the Meeting
G.A. Patterson (St. Louis, USA)
Main Lecture on: "Lung transplantation: state of the art"
Welcome party

**Friday, October 10, 2003 - Morning
Palazzo San Tommaso**

Session I - Acute and chronic rejection

Chairmen: **P.A. Corris** (Newcastle Upon Tyne, UK)
M.I. Hertz (Minneapolis, USA)

09.00 **M.I. Hertz** (Minneapolis, USA)
Use of gene expression microarrays to characterize lung transplant outcomes

09.30 **A. Boehler** (Zurich, CH)
How can photopheresis affect chronic lung rejection?

10.00 **H. Reichenspurner** (Hamburg, D)
Tacrolimus vs cyclosporine and mycophenolate vs azathioprine in lung

- transplantation
- 10.30 Coffee break
- 11.00 **P. Vitulo** (Pavia, I)
Everolimus in preventing obliterans bronchiolitis
- 11.30 **P.A. Corris** (Newcastle Upon Tyne, UK)
Exhaled NO and lung rejection
- 12.00 Panel discussion
- 12.30 Lunch

Friday, October 10, 2003 - Afternoon
Palazzo San Tommaso

Session II - Socioeconomical aspects of lung transplantation

- Chairmen: **A. Bisson** (Suresnes, F)
E. Pozzi (Pavia, I)
- 14.00 **F. Rea** (Padua, I)
Analysis of lung transplantation costs in Italy
- 14.30 **A. Nanni Costa** (Rome, I)
Coordinating lungs availability and graft allocation in Italy
- 15.00 **S. Ricotti** (Pavia, I)
Quality of life after lung transplantation
- 15.30 Coffee break

Session III - What's new on the lung donor front

- Chairmen: **T.M. Egan** (Chapel Hill, USA)
G.A. Patterson (St. Louis, USA)
- 16.00 **D. Van Raemdonck** (Leuven, B)
Preservation solutions and marginal donors
- 16.30 **A. Ardehali** (Los Angeles, USA)
Substrate enhanced reperfusion of non-standard lungs
- 17.00 **T.M. Egan** (Chapel Hill, USA)
Using gene arrays to understand ischemia-reperfusion injury
- 17.30 Panel discussion

Saturday, October 11, 2003 - Morning
Palazzo San Tommaso

Session IV - Primary and secondary pulmonary hypertension

- Chairmen: **D.P. Kapelanski** (San Diego, USA)
M. Viganò (Pavia, I)

09.00	C. Campana (Pavia, I) Medical therapy of pulmonary hypertension
09.30	G.A. Patterson (St. Louis, USA) Primary pulmonary hypertension: which type of transplant is the gold standard?
10.00	J. Dunning (Cambridge, UK) Eisenmenger syndrome: heart-lung and isolated lung transplantation
10.30	Coffee break
11.00	D.P. Kapelanski (San Diego, USA) Indications and surgical technique for pulmonary thromboendarterectomy
11.30	A.M. D'Armini (Pavia, I) Mid and long term results of pulmonary endarterectomy
12.00	Panel discussion
12.30	Closing remarks
12.45	Lunch

Lung transplantation marks a fundamental advance in the treatment of different forms of parenchymal and vascular lung diseases. However it has also become a source of serious decisional, organizational and technical questions. We have seen, in the past years, a constant increase in the number of parenchymal pathologies and forms of pulmonary hypertension that could benefit from the use of this type of therapy, calling attention to the gap between the small number of donors and the many potential recipients. Also, a lung transplant often exposes the recipient to a variety of complications among which acute and then chronic rejection are the most dangerous. The second edition of "Recent insights and new perspectives in lung transplantation" will compare personal experiences with those of a number of the most highly qualified international Centers. In particular, with regard to acute and chronic rejection we will consider strategies developed to prevent, treat and avoid these eventualities, such as the role of exhaled NO and the opportunities offered by the most recent immunosuppressive drugs and by extra-corporeal photophoresis. We will also review in our country the cost of the procedure, organ-sharing protocols and the quality of life after transplant. In the hope of extending lung transplants to more and more patients, donor pool studies are being made with a view to using marginal donors and the possible risks connected with this approach. For a long time pulmonary circulation has been neglected, both in its primary and secondary hypertensive forms. Now heart and lung specialists are frequently forced to work together in the treatment of these patients. Fortunately, in primary pulmonary hypertension, medical therapy can be beneficial in some cases; when medical therapy fails, however, the type of transplant to perform has to be considered. In the secondary pulmonary hypertension group, for patients exhibiting the Eisenmenger syndrome, the main consideration is, again, the type of transplant to perform, depending on the congenital defect. For chronic thromboembolic patients, the conference will illustrate the indications, techniques and results of pulmonary thromboendarterectomy in comparison with lung transplantation that now is limited only to few patients. At this second conference in Pavia, some of the most highly qualified Italian and foreign scientific experts will explore the current situation and relative problems, outlining the protocols and proposing therapeutic innovations of extreme interest.

*Proff. Mario Viganò and Ernesto Pozzi
Co-Presidents of the Meeting*

Under the Auspices of
Ministero della Salute

Regione Lombardia
Collegio dei Professori Universitari di Cardiochirurgia
Federazione Italiana di Cardiologia (FIC)
Società Italiana di Chirurgia Toracica (SICT)
Società Italiana di Medicina Respiratoria (SIMeR)
Unione Italiana per la Pneumologia (UIP)

Co-Presidents of the Meeting

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