'THE SCIENTIFIC BASIS OF THE CARE OF THE CRITICALLY ILL'

This meeting is being held in Manchester from 5–7 September 1984, to honour the work of Professor H. B. Stoner on his retirement from the Directorship of the MRC Trauma Unit.

Professor Stoner has worked in Salford and Manchester since 1976, although his position as a scientist with an international reputation had already been established. He and his team have brought analytical science to the bedside of injured patients from the moment they arrive in the accident and emergency department. It is now commonplace in the Accident and Emergency Department at Hope Hospital to see elderly patients being rewarmed and monitored with a metabolic cart while a young rugby player with fractured ribs has full pulmonary function tests carried out at the bedside. The presence of himself and his team has raised the potential for accident departments and has shown them ways to achieve it. Once established in an accident and emergency department he has directed the Unit to look at the many new problems this speciality presented. Studies on catecholamine release during cardiac arrest and the effects of the MAST suit on pulmonary function are but two examples of this. The work of the Unit continues to expand and flourish and is in itself a tribute to its founder.

It is an honour for the Journal and a great pleasure for myself to be involved with this meeting. On behalf of the Editorial Board and myself in particular I extend to him our gratitude for his help and his work.

A. D. REDMOND
Editor

International meeting on 'THE SCIENTIFIC BASIS OF THE CARE OF THE CRITICALLY ILL'

Manchester, 5–7 September 1984

Tuesday 4 September

pm Registration

Wednesday 5 September

09 00	Presidential Address	M. H. Irving
(Manchester, UK)
	SESSION 1—LOCAL RESPONSES TO INJURY + Posters	
	Chairman G. Arturson (Uppsala, Sweden)	
09 35	Dynamics of the acute inflammatory process updated	B. W. Zweifach
(San Diego, USA)
10 20	Local responses to trauma	D. H. Lewis
(Linköping, Sweden)
11 05	Coffee + Posters	
11 40	The wound as an organ	D. W. Wilmore
(Boston, USA)
12 25	General discussion + Posters	
13 00	Lunch + Posters	
	SESSION 2—ASPECTS OF THERAPY + Posters	
	Chairman C. S. B. Galasko (Manchester, UK)	
14 00	Introduction	
14 10	Fluid and electrolyte disturbances after injury	R. G. Clark
(Sheffield, UK)
14 55	Fluid replacement in shock	K. Messmer
(Heidelberg, FRG)
15 40	Tea + Posters	
16 20	Modification of general response to injury—pharmacological and clinical aspects	H. Kehlet
(Copenhagen, Denmark)
17 00	Modification of general response to injury—environmental aspects	A. E. Elebute
(Lagos, Nigeria)
17 40	General discussion + Posters	
18 00	Close	

Thursday 6 September

SESSION 3—METABOLIC RESPONSES TO INJURY AND INFECTION

Chairman D. W. Wilmore (Boston, USA)

Co-Chairman P. D. Wright (Newcastle-upon-Tyne, UK)

09 00 Introduction

09 05 Metabolic responses to injury—an overview S. P. Allison
(Nottingham, UK)

09 50 Neuroendocrine responses to injury W. F. Ganong
(San Francisco, USA)

10 35 Coffee + Posters

10 55 Energy metabolism after injury—experimental D. F. Heath
studies (Manchester, UK)

11 40 Energy metabolism after injury—clinical studies R. R. Wolfe
(Boston, USA)

12 25 Lunch + Posters

SESSION 4—METABOLIC RESPONSES TO INJURY AND INFECTION

Chairman I. D. A. Johnston (Newcastle-upon-Tyne, UK)

Co-Chairman D. E. F. Tweedle (Manchester, UK)

14 00 Introduction

14 05 Sepsis and metabolism W. R. Beisel
(Fort Detrick, USA)

14 50 Nutrition of the critically ill J. M. Kinney
(New York, USA)

15 35 Tea + Posters

16 15 The effect of TPN in malnourished patients K. N. Jeejeebhoy
(Toronto, Canada)

17 00 General discussion + Posters

17 45 Close

Friday 7 September

SESSION 5—PATHOPHYSIOLOGY + Posters

Chairman M. Case (Manchester, UK)

09 00 Introduction

09 10 Homeostatic reflexes after injury

H. B. Stoner
(Manchester, UK)

09 55 Brain in shock

A. G. B. Kovach
(Budapest, Hungary)

10 40 Coffee + posters

11 25 Patterns of cardiovascular response to injury and sepsis

I. McA. Ledingham
(Glasgow, UK)

12 10 General discussion + Posters

13 00 Lunch + Posters

SESSION 6—PATHOGENESIS OF COMPLICATIONS + Posters

Chairman I. McA. Ledingham (Glasgow, UK)

14 00 Introduction

14 10 Cardiopulmonary complications of severe trauma

W. J. Sibbald
(London, Canada)

14 55 Gastrointestinal and renal complications

U. Haglund
(Malmo, Sweden)

15 35 Tea + Posters

16 20 Epithelial and reticuloendothelial cell function: roles in injury and low-flow states

B. M. Altura
(New York, USA)

17 05 General discussion + Posters

17 30 Close of meeting

M. H. Irving
(Manchester, UK)

Saturday 8 September

EUROPEAN SHOCK SOCIETY MEETING