



**2009 International Consensus Conference
Therapeutic Hypothermia — To Cool or Not To Cool?
Program**

DAY ONE

Thursday, April 23, 2009

7:30 a.m. – 8:00 a.m. **Registration and Continental Breakfast**

8:00 a.m. – 8:15 a.m. **Introduction**

Patrick M. Kochanek, MD
Fritz Sterz, MD

1. What is mild therapeutic hypothermia?

8:15 a.m. – 8:55 a.m.

What are definitions and physiological effects of mild hypothermia?
David Warner, MD

8:55 a.m. – 9:35 a.m.

Molecular biology of mild hypothermia in central nervous system injury: what does it effect?
Patrick M. Kochanek, MD

9:35 a.m. – 9:50 a.m. **Break**

2. Where is the clinical evidence supporting the use of mild therapeutic hypothermia?

9:50 a.m. – 10:30 am

In ventricular fibrillation cardiac arrest in adults?
Stephen A. Bernard, MD

10:30 a.m. – 11:10 a.m.

In non - ventricular fibrillation cardiac arrest in adults?
Michael Holzer, MD

11:10 a.m. – 11:50 a.m

In perinatal asphyxia?
Seetha Shankaran, MD

11:50 a.m. – 12:30 p.m.

In traumatic brain injury patients - does it help with intracranial pressure control
Donald Marion, MD

12:30 pm – 1:30 pm – **Lunch**

3. Who else might we cool?

1:30 p.m. – 2:10 p.m.

Patients with myocardial ischemia?
Simon Dixon, MD

2:10 p.m. – 2:50 p.m.

Patients with stroke?
Stefan Schwab, MD

2:50 p.m.– 3:30 p.m.

Patients with pediatric central nervous system insults?
Jamie Hutchison, MD

3:30 p.m. – 3:45 p.m. **Break**

3:45 p.m. – 4:25 pm

Patients with other critical care medicine - relevant conditions?
Samuel Tisherman, MD

4:25 p.m. – 5:05 pm

Patients with fever and abnormalities in temperature control in the ICU?
Michael N. Diringier, MD



DAY TWO

Friday, April 24, 2009

7:30 a.m. – 8:00 a.m. **Registration and Continental Breakfast**

4. How should we cool? The devil is in the details!

8:00 a.m. – 8:40 a.m.
With intravenous fluid cooling?
Francis Kim, MD

8:40 a.m. – 9:20 a.m.
With surface cooling?
Kjetil Sunde, MD

9:20 a.m. – 10:00 a.m.
With invasive cooling?
Kent Nagao, MD

10:00 a.m.– 10:15 a.m. **Break**

10:15 a.m. – 10:50 a.m.
At what temperature should we monitor?
Fritz Sterz, MD

10:50 a.m. – 11:30 a.m.
When should we initiate cooling and for how long?
Nicholas Deye, MD

11:30 a.m. – 12:30 p.m.
What drugs should we use to supplement in cardiac arrest, traumatic brain injury, and stroke?
W. Dalton Dietrich, PhD

12:30 p.m. – 1:30 p.m. **Lunch**

1:30 p.m. – 2:10 p.m.
How do we re-warm? Pathophysiology and clinical approaches.
John Povlishock, PhD
Patrick M. Kochanek, MD

5. Why we should not cool?

2:10 p.m. – 2:50 p.m.
Implications of hypothermia on coagulation and infection?
Larry M. Gentilelo, MD

2:50 p.m. – 3:30 p.m.
Implications of hypothermia on drug metabolism and interactions?
Samuel Poloyac, PhD, PharmD,