

# **Challenging dogma: from fever to fluids**

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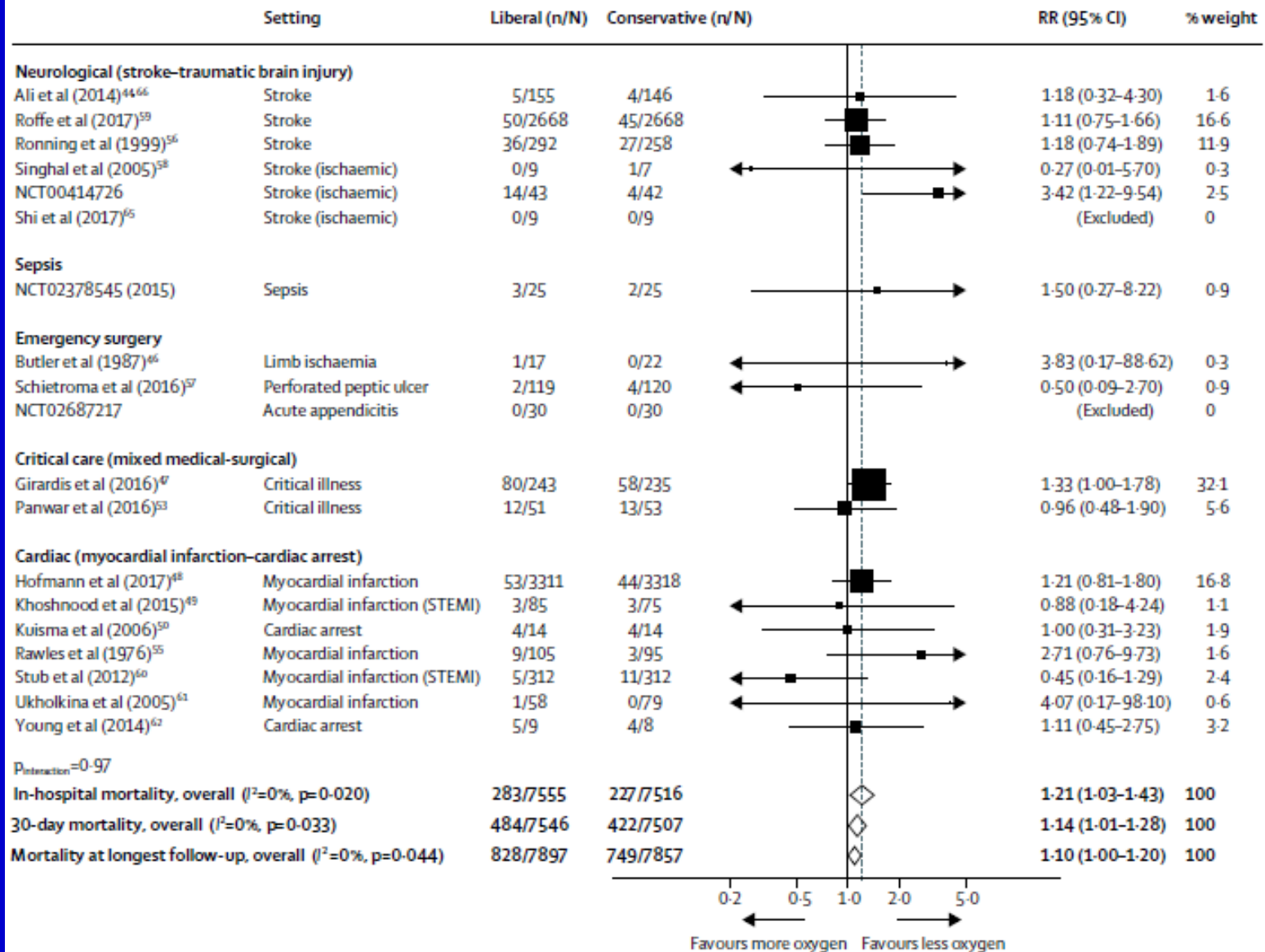
# Mortality and morbidity in acutely ill adults treated with liberal versus conservative oxygen therapy (IOTA): a systematic review and meta-analysis

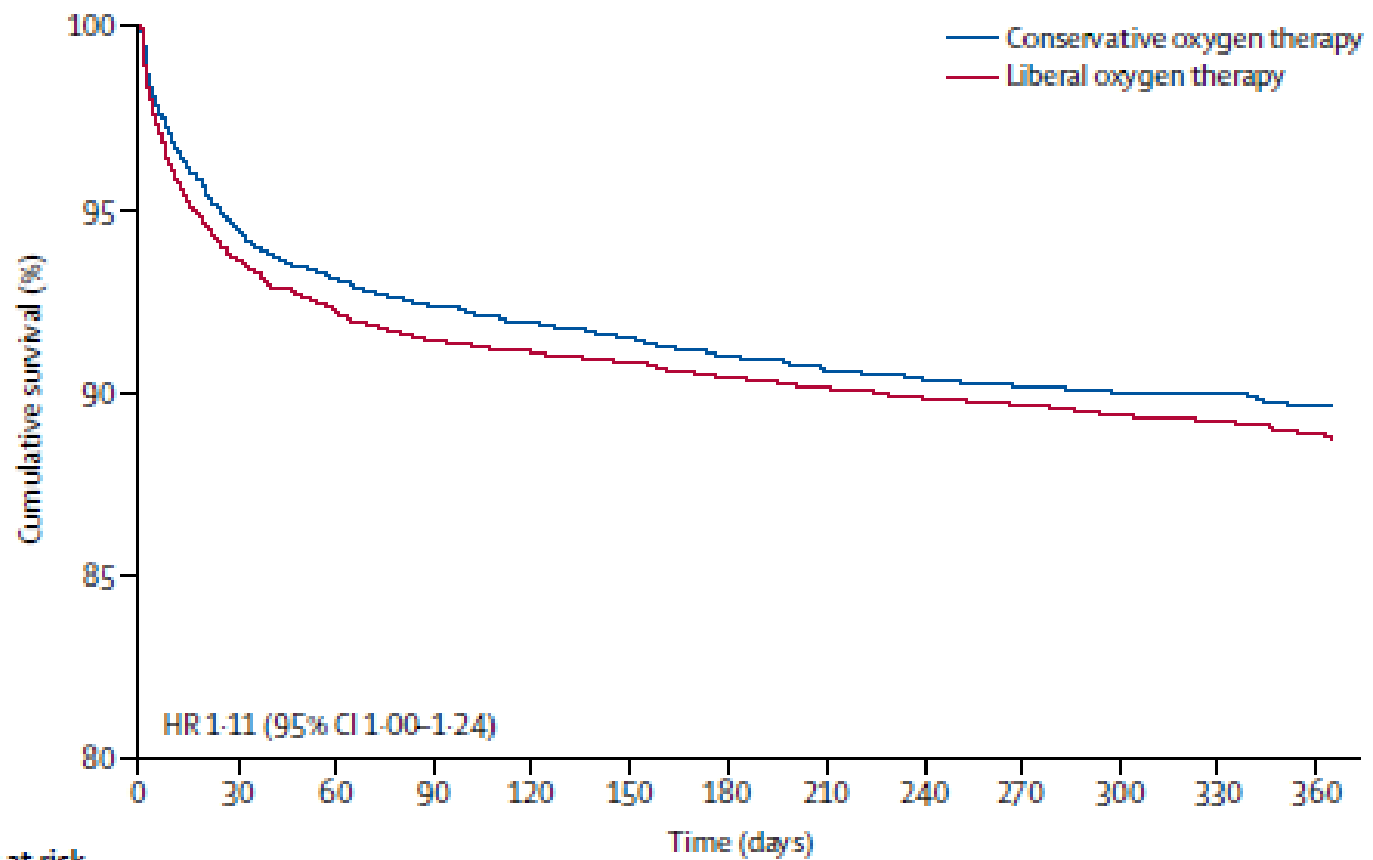


*Derek K Chu\*†, Lisa H-Y Kim\*†, Paul J Young, Nima Zamiri, Saleh A Almenawer, Roman Jaeschke, Wojciech Szczeklik, Holger J Schönemann, John D Neary, Waleed Alhazzani*

**[Lancet 2018; 391: 1693-705]**

A





**Number at risk**

	0	30	60	90	120	150	180	210	240	270	300	330	360
Conservative	6900	6484	6372	6130	3542	3527	3507	3372	3361	3352	3345	3344	3334
Liberal	6943	6450	6345	6119	3564	3554	3539	3402	3390	3381	3370	3365	3351

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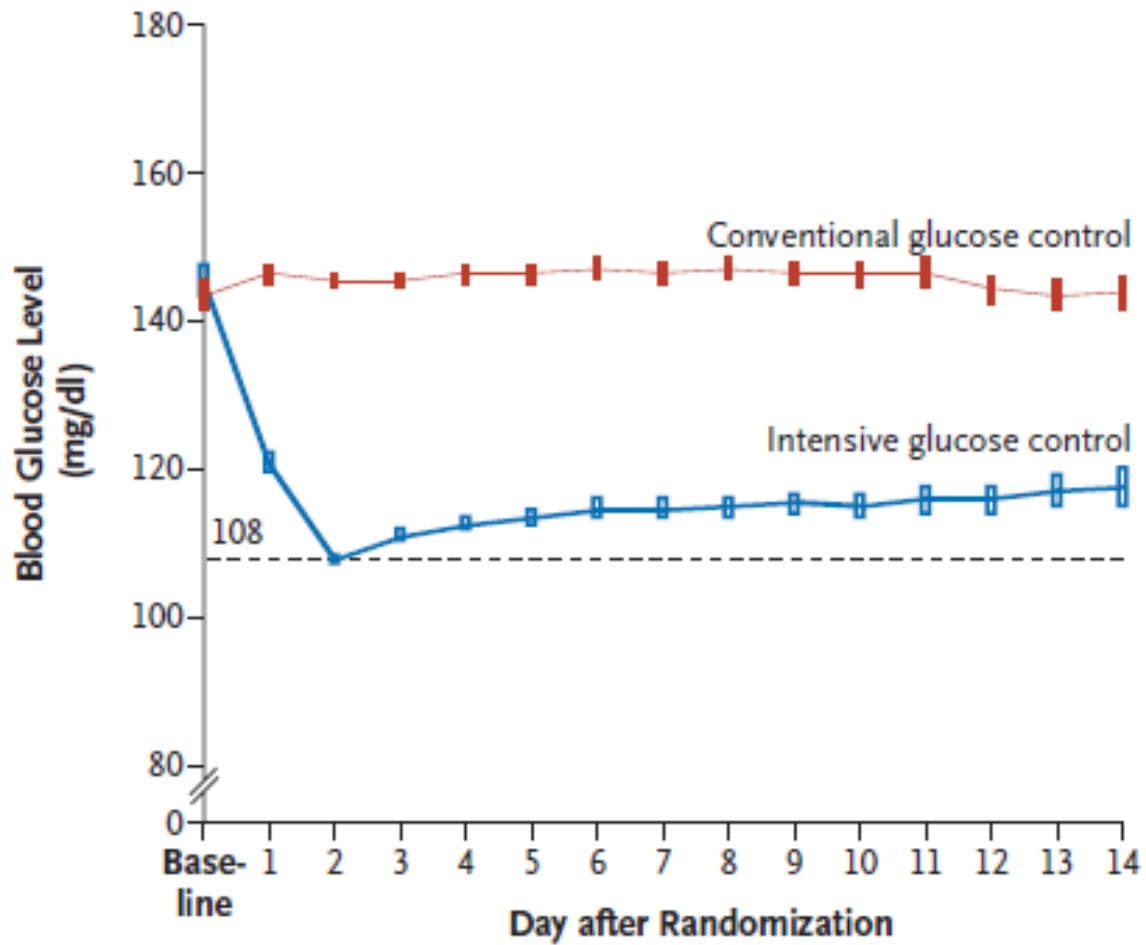
ESTABLISHED IN 1812

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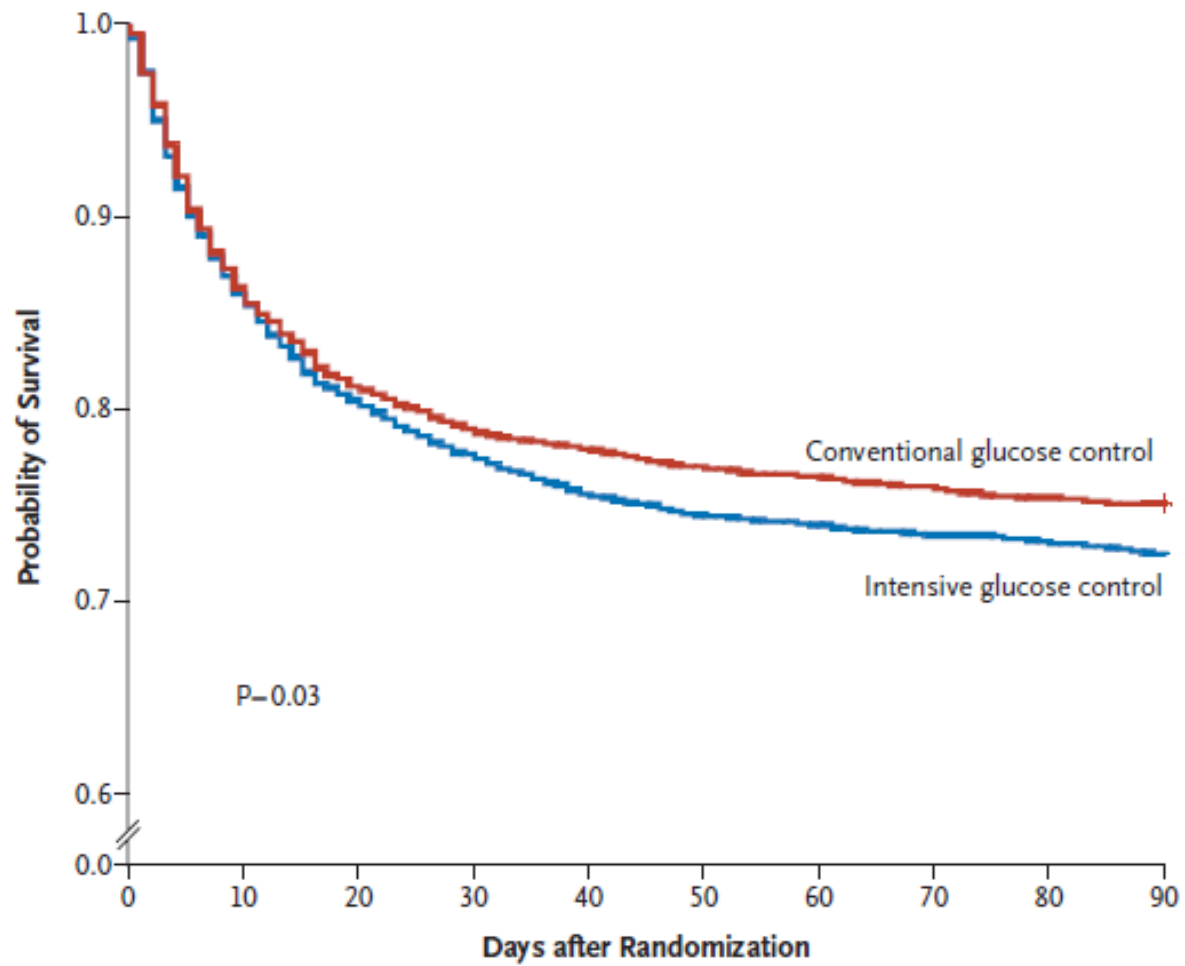
Intensive versus Conventional Glucose Control  
in Critically Ill Patients

The NICE-SUGAR Study Investigators\*

**A****No. of Patients**

Conventional control	2995	2233	1380	909	583
Intensive control	2989	2260	1428	908	562

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No. at Risk

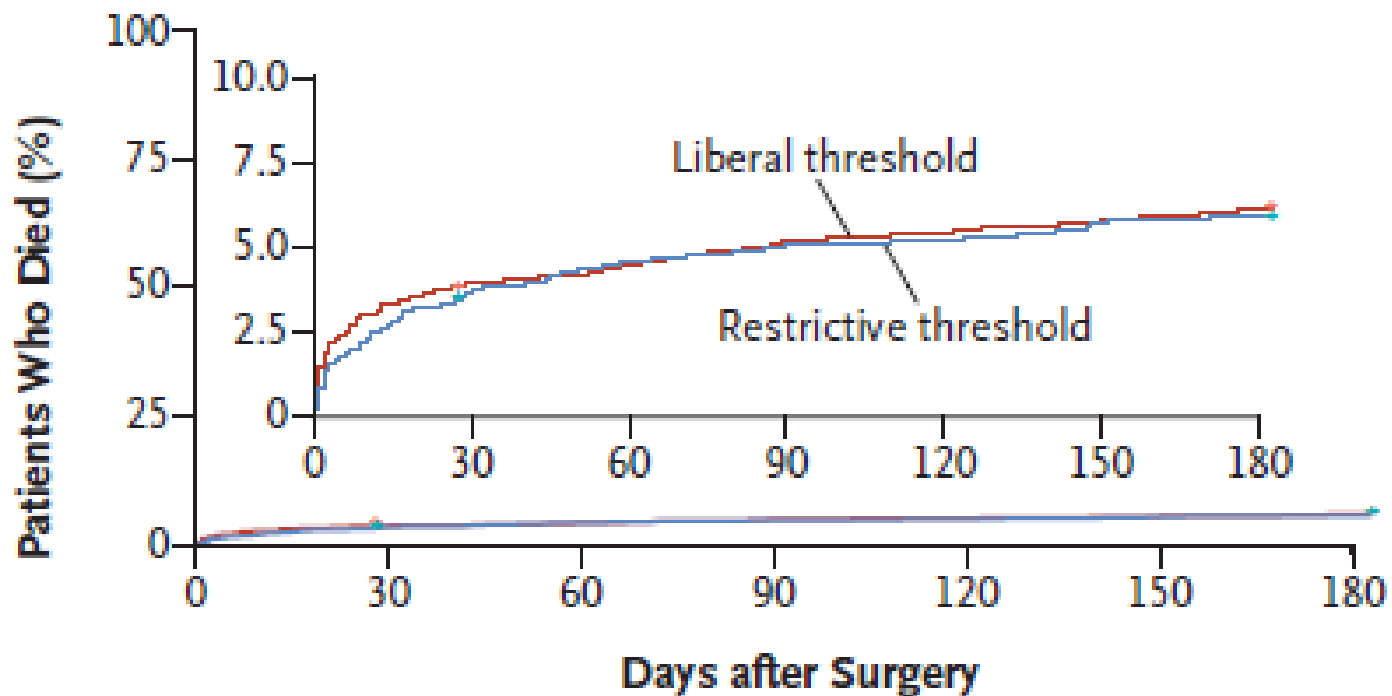
Conventional control	3014	2379	2304	2261
Intensive control	3016	2337	2227	2182

ORIGINAL ARTICLE

## Six-Month Outcomes after Restrictive or Liberal Transfusion for Cardiac Surgery

C.D. Mazer, R.P. Whitlock, D.A. Fergusson, E. Belley-Cote, K. Connolly, B. Khanykin, A.J. Gregory, É. de Médicis, F.M. Carrier, S. McGuinness, P.J. Young, K. Byrne, J.C. Villar, A. Royse, H.P. Grocott, M.D. Seeberger, C. Mehta, F. Lellouche, G.M.T. Hare, T.W. Painter, S. Fremes, S. Syed, S.M. Bagshaw, N.-C. Hwang, C. Royse, J. Hall, D. Dai, N. Mistry, K. Thorpe, S. Verma, P. Jüni, and N. Shehata, for the TRICS Investigators and Perioperative Anesthesia Clinical Trials Group\*





**No. at Risk**

Liberal threshold	2429	2222	2209	2193	2187	2179	2170
Restrictive threshold	2427	2202	2181	2170	2165	2155	2150

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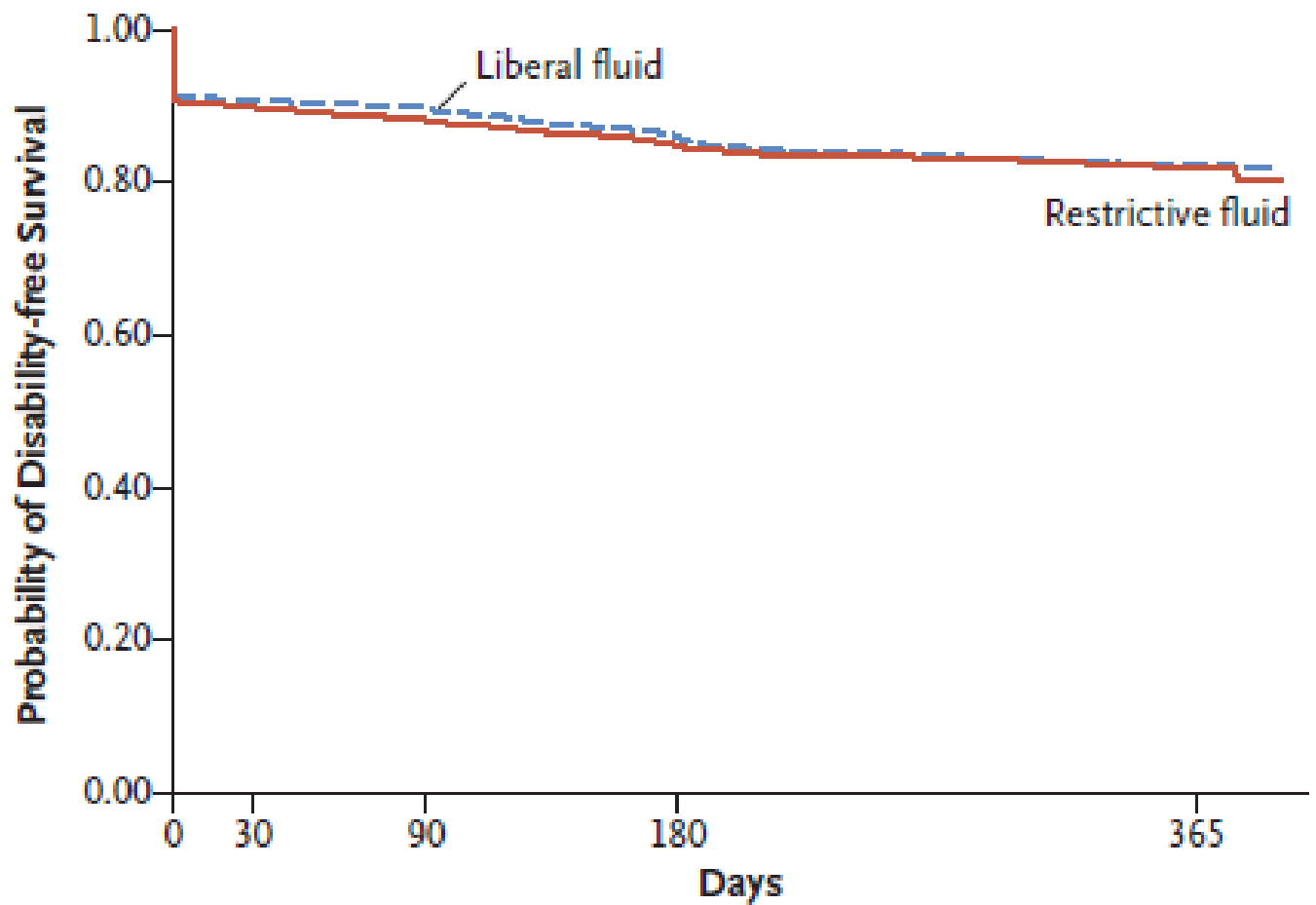
ESTABLISHED IN 1812

JUNE 14, 2018

VOL. 378 NO. 24

Restrictive versus Liberal Fluid Therapy for Major  
Abdominal Surgery

P.S. Myles, R. Bellomo, T. Corcoran, A. Forbes, P. Peyton, D. Story, C. Christophi, K. Leslie,  
S. McGuinness, R. Parke, J. Serpell, M.T.V. Chan, T. Painter, S. McCluskey, G. Minto, and S. Wallace,  
for the Australian and New Zealand College of Anaesthetists Clinical Trials Network  
and the Australian and New Zealand Intensive Care Society Clinical Trials Group\*



**No. at Risk**

Liberal fluid	1493	1343	1320	1249	859
Restrictive fluid	1490	1323	1292	1228	835

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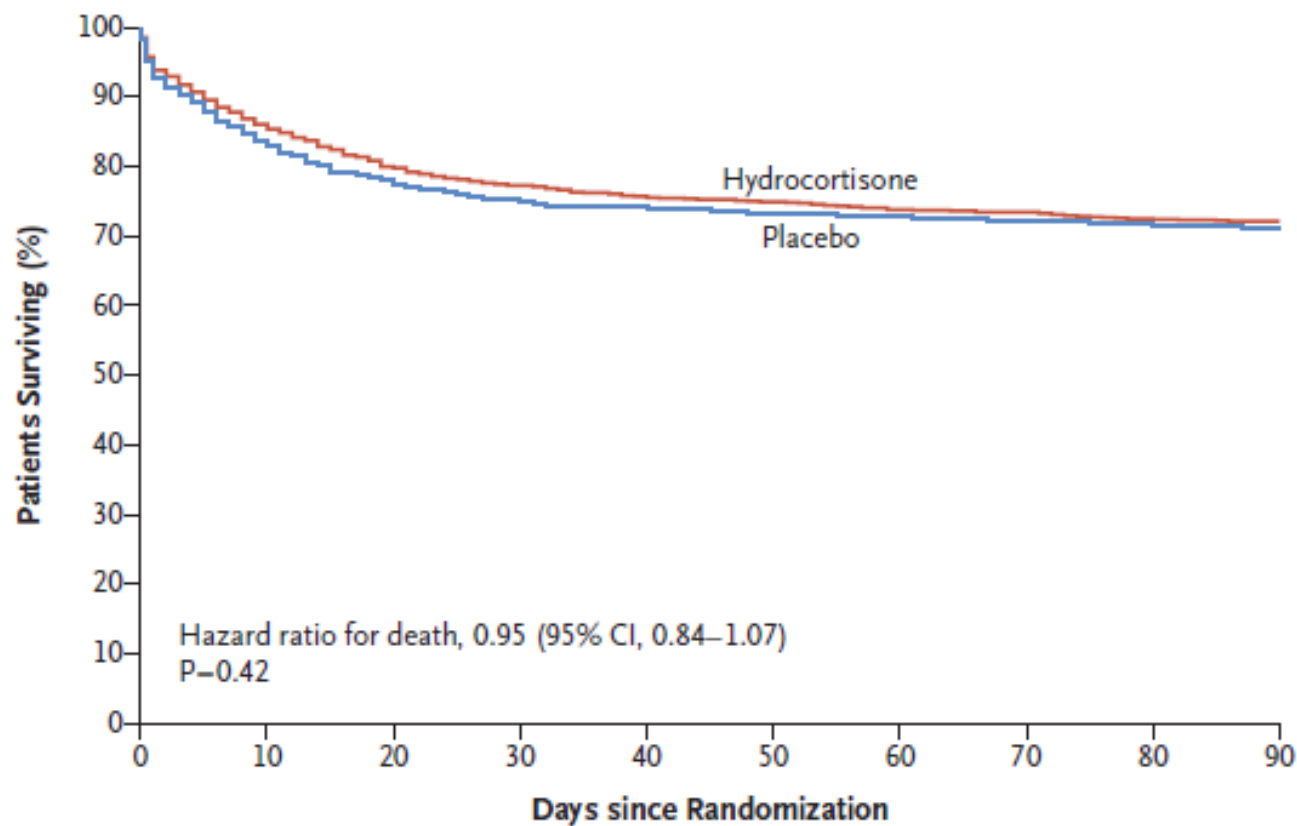
MARCH 1, 2018

VOL. 378 NO. 9

Adjunctive Glucocorticoid Therapy in Patients  
with Septic Shock

B. Venkatesh, S. Finfer, J. Cohen, D. Rajbhandari, Y. Arabi, R. Bellomo, L. Billot, M. Correa, P. Glass,  
M. Harward, C. Joyce, Q. Li, C. McArthur, A. Perner, A. Rhodes, K. Thompson, S. Webb, and J. Myburgh,  
for the ADRENAL Trial Investigators and the Australian–New Zealand Intensive Care Society Clinical Trials Group\*

## A Survival



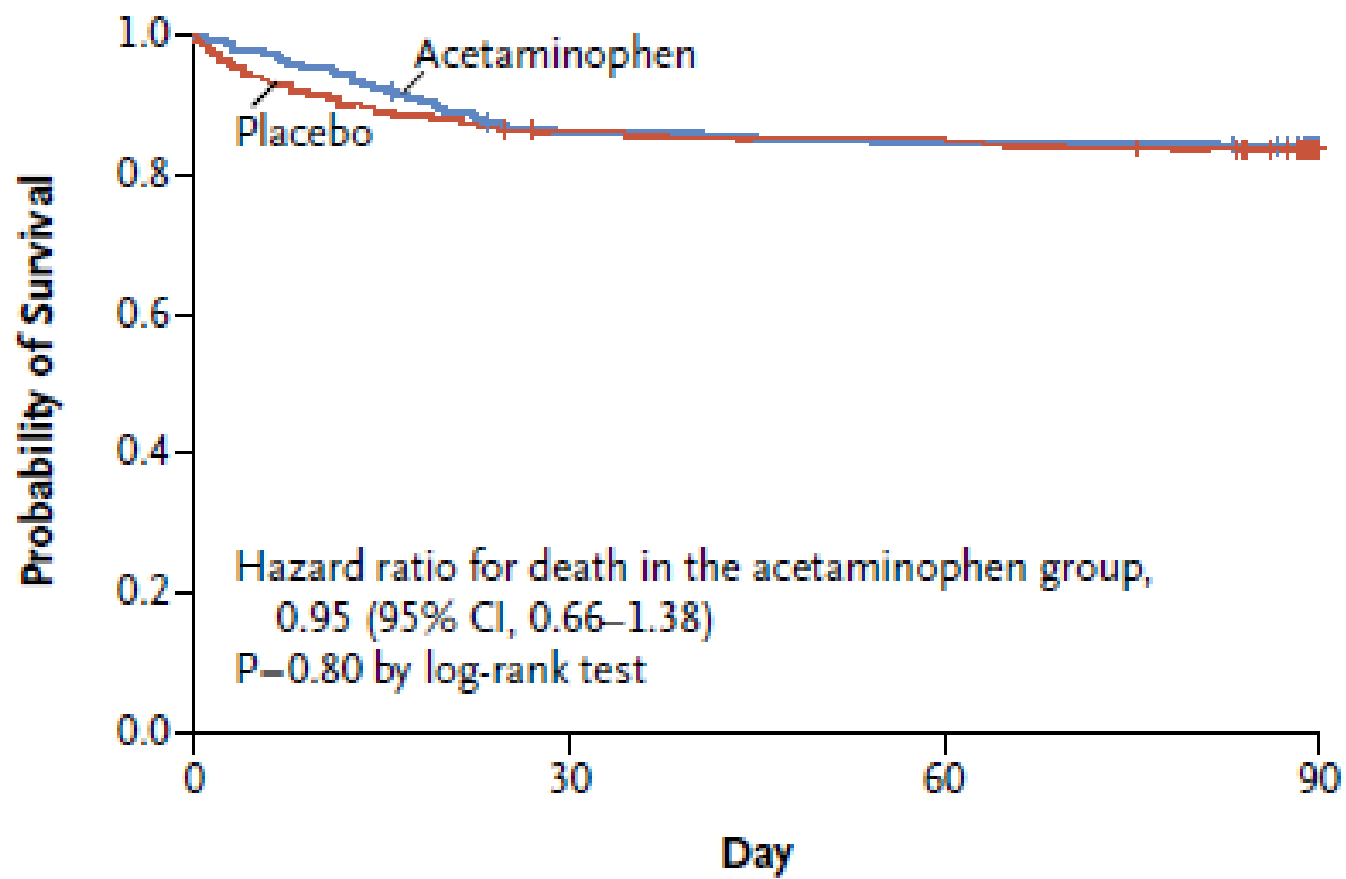
### No. at Risk

Hydrocortisone	1832	1591	1481	1418	1388	1374	1356	1348	1328	1321
Placebo	1826	1546	1433	1376	1354	1337	1330	1322	1312	1300

ORIGINAL ARTICLE

# Acetaminophen for Fever in Critically Ill Patients with Suspected Infection

Paul Young, M.D., Manoj Saxena, M.D., Rinaldo Bellomo, M.D.,  
Ross Freebairn, M.D., Naomi Hammond, R.N., M.P.H.,  
Frank van Haren, M.D., Ph.D., Mark Holliday, B.Sc., Seton Henderson, M.D.,  
Diane Mackle, M.N., Colin McArthur, M.D., Shay McGuinness, M.D.,  
John Myburgh, M.D., Ph.D., Mark Weatherall, M.D., Steve Webb, M.D., Ph.D.,  
and Richard Beasley, M.D., D.Sc., for the HEAT Investigators and the Australian  
and New Zealand Intensive Care Society Clinical Trials Group\*



**No. at Risk**

Acetaminophen	346	296	291	225
Placebo	343	294	290	214

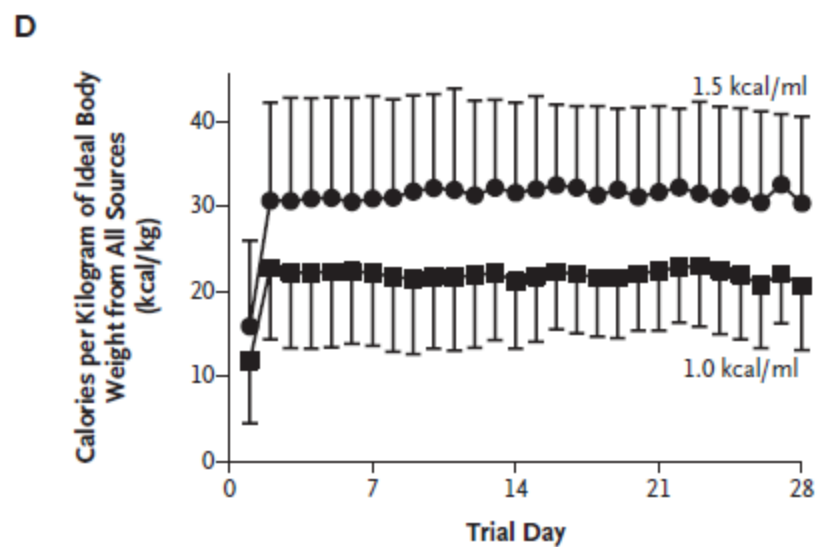
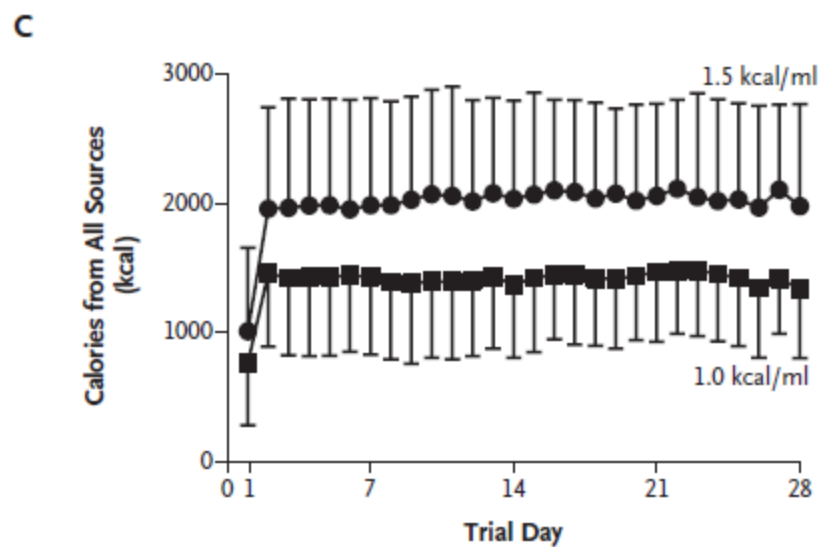
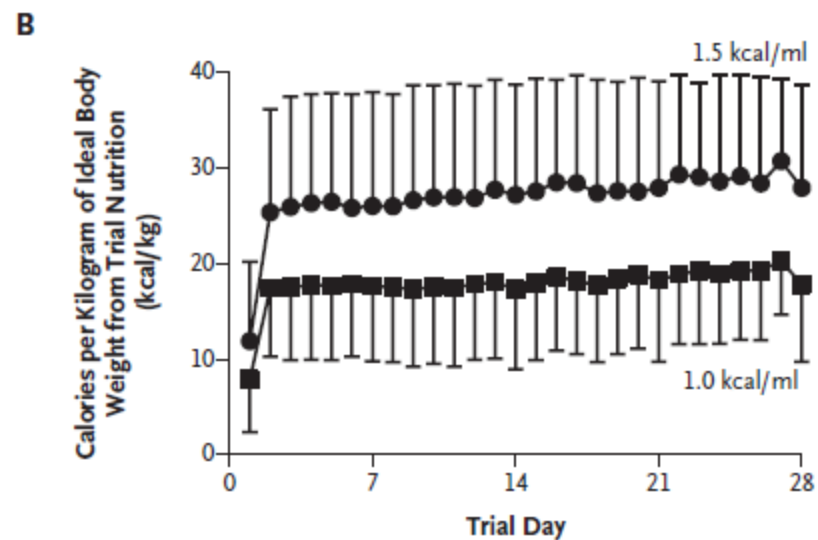
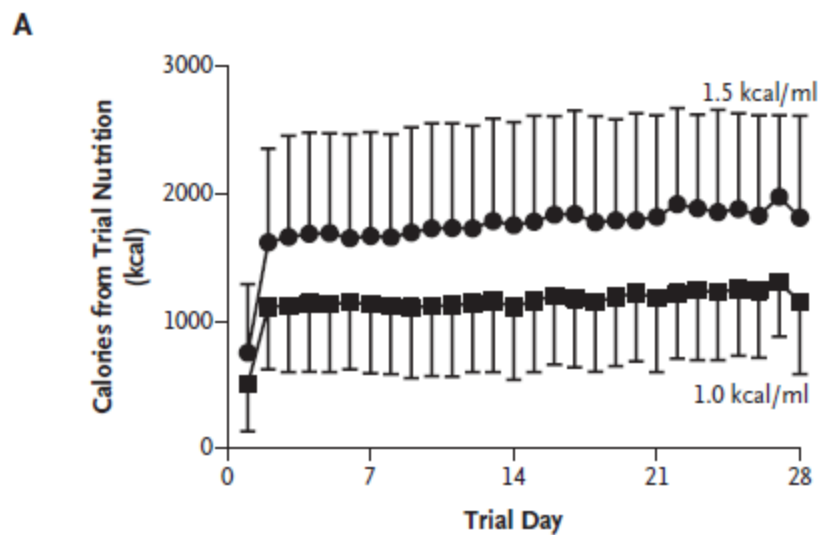
The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

# Energy-Dense versus Routine Enteral Nutrition in the Critically Ill

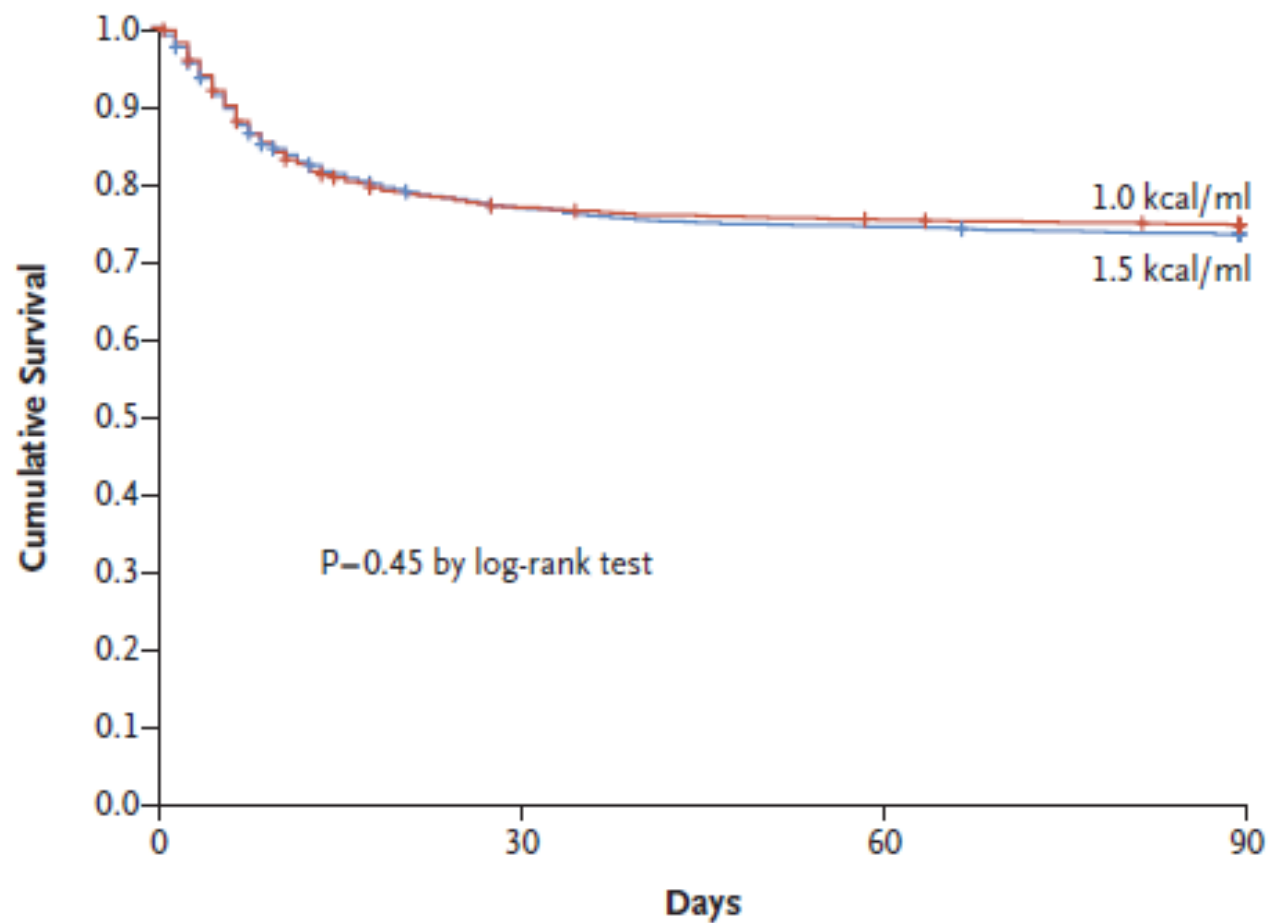
The TARGET Investigators, for the ANZICS Clinical Trials Group\*





	Trial Day				
	1	7	14	21	28
<b>No. of Patients</b>					
1.5 kcal/ml	1841	871	371	172	82
1.0 kcal/ml	1851	881	350	158	64

## A Survival



### No. at Risk

1.5 kcal/ml	1971	1495	1445	1425
1.0 kcal/ml	1985	1512	1477	1461

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ORIGINAL ARTICLE

## Controlled Trial of Budesonide–Formoterol as Needed for Mild Asthma

Richard Beasley, D.Sc., Mark Holliday, B.Sc., Helen K. Reddel, Ph.D.,  
Irene Braithwaite, Ph.D., Stefan Ebmeier, B.M., B.Ch., Robert J. Hancox, M.D.,  
Tim Harrison, M.D., Claire Houghton, B.M., B.S., Karen Oldfield, M.B., Ch.B.,  
Alberto Papi, M.D., Ian D. Pavord, F.Med.Sci., Mathew Williams, Dip.Ex.Sci.,  
and Mark Weatherall, F.R.A.C.P., for the Novel START Study Team\*

### C Number of Severe Exacerbations

