

(% /) % / (% /)
% / (% /)

()*

·
·

(Institute of .
medicine 1999)

% / % / -
(Liu J.H. etal. 2003).

. (Du
bois R.W. and Brook R.H. 1998)

(% /)

% /

% /

(% /)

(% /)

()

)

% /

(

% /

(ICU)

)

/

(

/

(%)

SPSS 10.50

±

()

%

:

% / .

()

(% /)

% /

(% /)

(Finlayson E.V. and Brikmeyer J.D. 2001)

() % / % /

(NICE 2002)

:

%

(Spiegel halter .

D.J. 1999, stark J.F. et al. 2001)

(Liu J.H. et al. 2003)

:

%

)

(

%

(Tracy G.D. 2002)

% /

% /

(Dubois R.W. and Brook R.H. 1998)

(NCEPOD Report 1999)

(Finlayson E.V. and

Brikmeyer J.D. 2001)

(Vass A. 2003)

(Russell E.M. .
etal. 2003)

()
(Calland J.F. etal. 2002) .

%

(Russell E.M. etal. 2003) .

()

/	/	/	/	/	

()

-

()			()						
			>	-	>				
/									
/									
/									
			-						
/									
/									
/	-				-				
			-						
/									

()

-

-

		-						
				-				
	-	-	-		-			
					-			
	-			-				
	-			-				
	-	-		-				
%	% /	% /	% /	% /	% /	% /	% /	

- surgeons' performance. *Ann Thorac Surg*; **72**: 169-174.
- Tracy G.D. (2002) Postoperative serious adverse events in a teaching hospital. *Med J Aust*. Sep **2**;177 (5): 276.
- Vass A. (2003) Performance of individual surgeons to be published. *BMJ* **324**: 189.
- Calland J.F., Adams R.B., Benjamin D.K.J.r., O'Connor M.J., Chandrasekhara V., Guerlain S. and Jones RS. (2002) Thirty-day postoperative death rate at an academic medical center. *Ann Surg*. May; **235**(5):690-696.
- Dubois R.W. and Brook R.H. (1998) Preventable deaths: who, how often, and why. *Ann Intern Med*; **109**: 528-529.
- Finlayson E.V. and Birkmeyer J.D. (2002) Operative mortality with elective surgery in older adults. *Eff Clin Pract* 2001; **4**: 172-177.
- Institute of Medicine. To Err Is Human: Building a Safer Health System. Washington, DC: *National Academy Press*, 1999.
- Liu JH, Etzioni DA, O'Connell JB, Maggard MA, Hiyama DT, Ko CY. (2003) Inpatient surgery in California: 1990-2000. *Arch Surg* **138** (10):1106-11.
- National Confidential Enquiry into Perioperative Deaths (NCEPOD). NCEPOD Report. <http://www.ncepod.org.uk> [April 1999].
- National Institute for Clinical Excellence (NICE). Interventional procedures. <http://www.nice.org.uk> [August 2002].
- Nightingale and Codman. *J R Stat Soc Assoc* **162**: 45-58.
- Russell E.M., Bruce J. and Krukowski Z.H. (2004) Systematic review of the quality of surgical mortality monitoring. *Br J Surg*. **90**(5): 527-532.
- Spiegelhalter D.J. (1999) Surgical audit: statistical lessons from Stark J.F., Gallivan S., Davis K., Hamilton J.R., Monro J.L. and Pollock J.C.(2001)(Assessment of mortality rates for congenital heart defects and

