Table 5

MORTALITY RATES OF VARIOUS MEDICAL PROCEDURES AND DAILY EVENTS*

SURGERY		Cerebrovascular disease	(Australia) 135	
Appendectomies	1:745		Males	1954	1:689
	1:1455			1993	1:1,471
Cervical spine surgery	1:51-2005.116		Females	1954	1:593
Cholecystectomy	1:14-505			1993	1:1,653
Colon surgery	1.14-30			199637	1:1,429
Coronary bypass surgery (up to 21% of patients who	1:26334				
experienced an adverse event resulted in a fatal outcome)	1:481117	Coronary heart disease ('age adjus	ted')135		
Herniated disc surgery	1:1.7118	1983	Males	Japan	1:1,873
atrogenic cardiac arrests		1500	maioo	Australia	1:366
atrogenic oesophageal perforations	1:3.5119			Scotland	1:254
_umbar discectomy	0.9:1000120		Females		1:3,247
_umbar fusion	1:50-1,400111		remaies	Australia	1:707
_umbar laminectomies	1:2045			Scotland	1:511
_umbar surgery	1:683121			Scotland	1.511
_umbar 'procedures'	1:1,430122	01/201/10 21054050 4000 /4	17 - 196		
Percutaneous transluminal angioplasty		CHRONIC DISEASES 1993 (Austra			
Intracranial 16.7% mortality	1:6123	(per population, not morality rate	or cases)		
Sciatic surgery	1:684121				4 00 4136
Small intestine surgery	1:4.765	Coronary heart disease			1:624136
,					I The state of the second
DRUGS		Ischaemic heart disease	1996		1:617135
Orug reactions	1:230124				
	1:14.9125	Chronic obstructive airways disease	1996		1:525(est)135
Hospital deaths	1:28124				
	1:312.5125	Stroke			1:1,536136
	1:67126				
	1:2.86127	All cancers			1:555136
	1:110328		1996		1:704135
	1.1100	Cancer - upper respiratory			1:2,833136
			1996		1:526136
One related exchlores (DBRs) (1/9 'set preventable') [29	1:29129	Melanoma			1:21,277136
Orug related problems (DRPs) (1/3 'not preventable') 129	1:5.8129	Prostate cancer			1:2,841136
Adverse drug reaction (17.2%)		1 rootato odilooi	1996		1:7,143 (est.)135
Taking a drug for which there was no valid medical indication	1:5.8129	Breast cancer	1000		1:3,718136
Non-compliance (50%)	1:2129	Dieast caricer	1996		1:7,143135
		Colorectal cancer	1330		1:4,098136
		Colorectal cancer	1000		1:4,348135
		114	1996		1:17137
Medication error (out-patients) 1993		Incidence rate males	1996		1:27137
(in-patients) 1993	1:131130	Incidence rate females	1996		1:27
	1:854130	Asthma			1:23,256136
Anti-inflammatories	1:63,333*	Astrilla			1.20,200
		Diabetes			1:7,143136
HOSPITAL ADMISSIONS					
atrogenic paediatric admissions to intensive care	1:27131	HIV			1:1,770136
		DEL ATILIE DIOVO DALLY CIDOLINA	TANICECIC	POOT/INDUCTOV	
atrogenic adult intensive care admissions	1:41132	RELATIVE RISKS DAILY CIRCUMS	IANCES/S	SPOHI/INDUSTRY	
Hospital iatrogenesis -50,000-100,000 deaths due to pulmonary	1:50114				4 0 004111
embolism in hospitalised patients annually in the US ¹³³		Motor vehicle accidents	1996		1:9,091111
in bolion in no option of paris no armain, in the co					
RADIOLOGY		Lightning strike	Hit		1:200,000138
Nuclear bone scan	1:3.000134				1:600,000111
vucieal bolle scall	1.5,000		Deaths		1:2,000,000139
MEDICAL PROCEDURES					4.50.0001%
	1:25 0001	Homicide			1:52,632136
	1:25,0001	Acting in theatre	Injury		1:2.2140
/enipuncture		Acting in theatre	jury		
venipuncture Spinal manipulation (see Table 1)					
Spinal manipulation (see Table 1)		National workplace fatalities (Austra	lio\141 /EO7	7 doothe per year per	
		National workplace fatalities (Austra	lia)141 (597	deaths per year per	
Spinal manipulation (see Table 1) DISEASES/CONDITIONS		Forestry and logging	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075
Spinal manipulation (see Table 1)	162:100,000 1:617 ³⁸	Forestry and logging Fishing and hunting	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075 1:1,163
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease		Forestry and logging Fishing and hunting Mining	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075 1:1,163 1:2,778
Spinal manipulation (see Table 1) DISEASES/CONDITIONS	162:100,000 1:617 ³⁸ 70:100,000 1:1,429 ³⁸	Forestry and logging Fishing and hunting Mining Transport & storage	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075 1:1,163 1:2,778 1:4,348
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease		Forestry and logging Fishing and hunting Mining Transport & storage Agriculture	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease		Forestry and logging Fishing and hunting Mining Transport & storage	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075 1:1,163 1:2,778 1:4,348
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease Cerebrovascular disease ('age adjusted') 135		Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease		Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction Rugby Union (participants)	lia) ¹⁴¹ (597	7 deaths per year per	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000 1:10,000
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease Cerebrovascular disease ('age adjusted') '135 tof population, not mortality rate of cases) 1988	70:100,000 1:1,429 ³⁸	Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction			1:1,075 1:1,163 1:2,778 1:4,348 1:5,000 1:10,000
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease Cerebrovascular disease ('age adjusted') 135 of population, not mortality rate of cases) 1988 Males USA	70:100,000 1:1,429 ³⁸	Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction Rugby Union (participants)	Rugby Un	nion	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000 1:10,000 1:5,000 ¹³⁶ 1:6,250 ¹⁴² 1:18,868 ¹⁴³
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease Cerebrovascular disease ('age adjusted') 135 of population, not mortality rate of cases) 1988 Males USA Australia	70:100,000 1:1,429 ³⁸ 1:1,739 1:1.226	Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction Rugby Union (participants) Spinal cord injuries		nion	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000 1:10,000 1:5,000 ¹³⁰ 1:6,250 ¹⁴² 1:18,868 ¹⁴³
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease Cerebrovascular disease ('age adjusted') 135 of population, not mortality rate of cases) 1988 Males USA Australia Greece	70:100,000 1:1,429 ³⁸ 1:1,739 1:1,226 1:751	Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction Rugby Union (participants) Spinal cord injuries Neurological deficits	Rugby Un	nion	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000 1:10,000 1:5,000 ¹³⁶ 1:6,250 ¹⁴² 1:18,668 ¹⁴³ 1:55,556 ¹⁴³
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease Cerebrovascular disease ("age adjusted") 135 of population, not mortality rate of cases) 1988 Males Males Greece Females USA	70:100,000 1:1,429 ³⁸ 1:1,739 1:1.226 1:751 1:1,984	Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction Rugby Union (participants) Spinal cord injuries	Rugby Un	nion	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000 1:10,000 1:6,250 ^{1,2} 1:18,868 ^{1,4} 1:55,556 ^{1,4}
Spinal manipulation (see Table 1) DISEASES/CONDITIONS schaemic heart disease Cerebrovascular disease Cerebrovascular disease ('age adjusted') 135 of population, not mortality rate of cases) 1988 Males USA Australia Greece	70:100,000 1:1,429 ³⁸ 1:1,739 1:1,226 1:751	Forestry and logging Fishing and hunting Mining Transport & storage Agriculture Construction Rugby Union (participants) Spinal cord injuries Neurological deficits	Rugby Un	nion	1:1,075 1:1,163 1:2,778 1:4,348 1:5,000 1:10,000 1:5,000 ¹³⁹ 1:6,250 ¹⁴² 1:18,868 ¹⁴³ 1:55,556 ¹⁴²

^{*} Estimation is based on 200 deaths each year in Australian population alone—all citizens including those not taking NSAIDs = 200:19,000,000.35 A more recent estimate is based on '10%' of the 4,500 NSAID-related upper gastrointestinal hospital admissions annually—between 200 and 400 deaths *per annum*. 45 Blower estimates that NSAIDs could be responsible for 3,000 deaths in Great Britain 46