Sports, Medicine and Health -The Asian Perspective

Editor: K. M. Chan









Contents

A. Sports and Health

1.	David Brodie	Recent developments in the assessment of body composition	1 - 3
2.	F J Berral	Body composition of top-performance athletes determined by a modification of Kerr's method	4 - 6
3.	M O'Brien	Exercise in a woman's life cycle	7 - 9
4.	Thomas Reilly	The circadian body clock & exercise	10 - 13
5.	Y Fujieda	The effects of lifestyle on cardiovascular fitness in apparently healthy Japanese males	14 - 17
6.	R Singh	Influence of age on cardiopulmonary capacities of Malaysian females	18 - 22
7.	H M Al-Hazzaa	Heart rate telemetry of school children during physical activity	23 - 26
8.	P Nowacki	Cardiac rehabilitation $\&$ sports - Results of 15 years experience at the University of Giessen	27 - 32
9.	C Williams	Influence of nutrition on recovery from exercise	33 - 36
10.	J D Chen	Nutritional status and RDA of zinc, copper, and iron for Chinese children and adolescent athletes	37 - 39
11.	E H De Rose	Doping in ancient and modern Olympic Games	40 - 43
12.	Tianle Yang	A doping control programme - The Asian Games exercise	44 - 47
13.	O Curtis	The role of the exercise scientist in the Australian fitness industry	48 - 50
14.	Lynette Lee	The role of exercise science in the rehabilitation medicine setting	51 - 54
B. S	ports Traumatolo	ogy & Rehabilitation	
1.	Qu Mian Yu	Cells formation and sports injury - A preliminary study on cells dedifferentiation in chondrocytes culture	55 - 60
2.	A Zschäbitz	Morphologic & morphometric differences in normal & torn menisci	61 - 65
3.	M F Neurath	Early ultrastructural changes in ruptures of the anterior cruciate ligament - A stereological and electromicroscopical investigation	66 - 69
4.	Tian Dexiang	Clinical & pathological study on patellectomy in treatment of chondromalacia of patella	70 - 78
5.	P Renström	Recent advances in the diagnosis of sports injuries	79 - 83
6.	L Komadel	Prevention of sports injuries - an analysis of 190 000 cases in Czechoslovakia	84 - 87
7.	Kwon Ick Ha	A clinical study of stress fractures in sports activities	88 - 93

8.	Yishiong Hang	Epidemiological study of the elbow injury in baseball and tennis players in Taiwan	94 - 96
9.	Frank Fu	Gender & age and incidence of sports injuries in Hong Kong	97 - 102
10.	A Rivera	Combined extra-articular and intra-articular reconstruction for chronic ACL insufficiency of the knee	103 - 106
11.	K M Chan	"S.T.A.R.S." - A system of comprehensive care for athletic injuries of elite sportsmen & sportswomen at the Hong Kong Sports Institute	107 - 109
12.	N Mallick	Efficacy of cryotherapy in sports rehabilitation	110 - 112
13.	J J G Iturri	Rehabilitation of knee injuries	113 - 118
14.	R W W Hsu	The comparison of Genucom and KT-1000 in the measurement of anterior-posterior displacement of the knee	119 - 120
15.	C K Li	A need for a standard correlation between Johnson antishear device & standard shin pad in the isokinetic assessment of the knee	121 - 123
16.	R M Gibson	Head injury in sports	124 - 129
17.	D Hellner	Maxillo-facial fractures in sports accidents	130 - 132
	Sports Sciences rcise Physiology		
1.	W Hollmann	Brain and physical activity - cerebral blood supply, metabolism, psyche (Abstract)	133 - 134
2.	Yingjie Chen	Free radical injury in exercise-induced delayed onset muscle damage - A primary study of mechanism of delayed onset muscle damage	135 - 140
3.	T Hamaoka	Impaired muscle aerobic capacity following the triathlon race measured by near infrared spectroscopy	141 - 143
4.	Hong Tao	A study of the relationship between electrocardiographic frequency spectrum & heart function in graded work load exercise	144 - 147
5.	S Haga	Comparison of left ventricular function during supine exercise in endurance athletes and power-lifting athletes	148 - 153
6.	R Frenkl	Metabolic & hormonal adaptation to exercise	154 - 160
7.	M S Hassanein	Physical & physiological profile of Bahrain handball national team	161 - 163
8.	J Gomes-Pereira	Relationship between anthropometric, metabolic and stroke characteristics in freestyle swimmers	164 - 169
9.	Raymond So	Bilateral isokinetic parameters of the shoulder - A prediction for comparative study	170 - 175
Bio	mechanics		
1.	David Fang	Dynamic function of the human knee menisci	176 - 179

3.	Yuhua Jiang	A 3D kinematic study of the double backward somersault dismount from	183 - 184
		the parallel bars.	
Sno	rts Sociologu & Psi	uchology	

Biomechanical analysis of the landing in dismount from the parallel bars

180 - 182

Zhi Cheng Liu

2.

1.	Paul Wong	The new challenge to the sports development in Macau	185 - 194
2.	A P Hills	Safety in sports, recreation & fitness activities: An Australian perspective	195 - 196