

Telemedicine: Military Applications by Rayman R.

Aviation, Space and Environmental Medicine.
Vol.63.1992.p135-137.

Communications technology has enjoyed enormous growth in recent years and should be fully exploited by the medical community. Its application as part of disaster response was well demonstrated in the aftermath of the tragic earthquake in Soviet Armenia in 1988. Besides disaster response, telemedicine also has application for patient care, diagnostic imaging, training and education. This capability would be particularly beneficial to armed forces of many nations. If the communications equipment were portable, it could be well employed during peacetime, yet easily deployed to the battlefield. Therefore armed forces should fully exploit telecommunications technology for the practice of military medicine.

Comment: Medical communications systems are an underdeveloped area within the ADF that needs for attention.

Spatial Disorientation in Naval Aviation Mishap: A review of Class A Incidents from 1980 through 1989

by
Bellenkes A., Bason R. and D.
Yacavone

Aviation, Space and Environmental Medicine.
Vol.63.1992.p128-131.

Spatial disorientation (SD) has long been a major aero medical factor contributing to naval aviation mishaps. In the past, it has been viewed as a generalised phenomenon, described by its vertigo - related symptoms. More recently, however, three distinct types of SD have been identified, each based on whether the aviator recognises and responds to its onset. In the current retrospective study, Flight Surgeon and Mishap Investigation Reports from 33 Class A Mishaps occurring from 1980 through 1989 were reviewed. SD was determined to have been a causal factor in all cases. The mishaps were examined to categorise SD into the three descriptive types and to describe the relationship (if any) between SD and various mission - related factors. Aircraft type, phase of flight, time of day, pilot experience and flight topography were all considered. The results indicate that Types I and II SD could be identified as casual factors in all 33 Class A mishaps. Further, most Type I DS was experienced primarily be helicopter pilots at night while most Type II SD incidents affected jet pilots during day missions.

An assessment of pre- and - post-fitness measures in two remedial conditioning programs

by
Woodruff S., Conway T. and J.
Linenger

Military Medicine. Vol.157.No.1.1992.p25-30.

The purpose of this study was to determine if taking part in a command- organised remedial physical training program is effective in reducing body fat, improving failure-specific performance on components of the Physical Readiness Test (PRT), and improving overall physical fitness level. Pre-

and post-program PRT results collected for participants in two remedial programs showed trends toward improvement in performance on the curl-ups, push-ups and run/walk tests as well as a positive change in overall classification. Scores and percentage of participants passing the follow-up PRT. A substantive impact on body fat reduction was not demonstrated.

Comment: Most of these participants were on the remedial program because they were overweight in the first place. The program did not appear to help them.

List of New Members

Major R.L. Adams
Colonel R.N. Atkinson
Wing Commander S.C. Babu
Colonel R.W. Beal
Wing Commander G. Boothby
Major C.H. Brown
Wing Commander H. Bartholomeusz
Colonel D.D. Beard
Lieutenant Colonel A.S. Cameron
Wing Commander R.A. Capps
Captain C.J. Cunneen
Commodore M.H. Dowsett
Flight Lieutenant B.P. Finn
Lieutenant N. Gallagher
Wing Commander M.J. Hine
Lieutenant Colonel N. Jensen
Lieutenant Colonel J.W. Kelly
Lieutenant Commander S.A. Langford
Lieutenant N.J. Leeks
Lance Corporal E.H. McNeill
Major P.D. McCarthy
Lieutenant A.S. McLaren
Lieutenant Colonel I.B. McPhee

Lieutenant Commander R.C. Mills
Lieutenant R.S. Page
Sub Lieutenant J.T. Provan
Lieutenant Commander L.J. Morton
Major R.R. Salter
Lieutenant T.J. Sinton
Sub Lieutenant M.R. Slaven
Sub Lieutenant M.J. Stone
Major L.J. Vawser
Lieutenant R.M. Walker
Lieutenant Colonel G. Wells
Major M.A. Wertheimer
Lieutenant Colonel J.M. Wettenhall
Lieutenant K.P. Withers

AMMA National Conference August 7-9 1992

Conference Program

Friday 7 August 1992

1900 Registration and Conference Dinner

Venue: Naval and Military Club

25 Little Collins Street

Melbourne

Dress: Lounge Suit

Saturday 8 August 1992

Venue: The Auditorium

St Frances Xavier Cabrini Hospital

Cnr. Isabella Street and Wattle tree

Roads, Malvern

Dress: Winter Service Dress or Civilian

Equivalent

0800-0815 Late Registration

0830-0930 AMMA ANNUAL GENERAL MEETING

0930-1000 Military Medicine in Australia -

Air Vice Marshall M.D. Miller (Surgeon-

General ADF)

1000-1030 MORNING TEA