

**AUSTRALIANS IN ANTARCTICA- LONGITUDINAL HEALTH EVENT MONITORING
20YEARS ON.**

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The Australian Antarctic Division Polar Medicine Unit has conducted an observational longitudinal health study of all expeditioners at stations,, ships and in the field. This ANARE health register has confidentially collected data spanning nearly 20 years and has provided insight into Antarctic illness and injury and has provided epidemiological support for numerous research projects in disciplines such as immunology, cold injury and psychosocial studies.

Recent review of the data prior to transfer to a contemporary database structure has enabled necessary data cleansing and further analysis of large subsets of this data which show remarkable consistency of data collection over nearly two decades. Insight is gained into injury and illness rates and health events in Australia's Antarctic program and the human interaction with the extreme environment of Antarctica.