



**Australian Government**  
**Repatriation Medical Authority**

**Statement of Principles**  
**concerning**  
**IMMERSION PULMONARY OEDEMA**  
**(Reasonable Hypothesis)**  
**(No. 34 of 2017)**

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The Repatriation Medical Authority determines the following Statement of Principles under subsection 196B(2) of the *Veterans' Entitlements Act 1986*.

Dated 21 April 2017

The Common Seal of the  
Repatriation Medical Authority  
was affixed to this instrument  
at the direction of:

A handwritten signature in black ink, appearing to read 'Nicholas Saunders'.

Professor Nicholas Saunders AO  
Chairperson

# Contents

1	Name .....	3
2	Commencement .....	3
3	Authority .....	3
4	Application.....	3
5	Definitions.....	3
6	Kind of injury, disease or death to which this Statement of Principles relates .....	3
7	Basis for determining the factors .....	4
8	Factors that must exist.....	4
9	Relationship to service .....	4
10	Factors referring to an injury or disease covered by another Statement of Principles.....	4
<b>Schedule 1 - Dictionary .....</b>		<b>5</b>
1	Definitions.....	5

## **1 Name**

This is the Statement of Principles concerning *immersion pulmonary oedema (Reasonable Hypothesis)* (No. 34 of 2017).

## **2 Commencement**

This instrument commences on 22 May 2017.

## **3 Authority**

This instrument is made under subsection 196B(2) of the *Veterans' Entitlements Act 1986*.

## **4 Application**

This instrument applies to a claim to which section 120A of the VEA or section 338 of the *Military Rehabilitation and Compensation Act 2004* applies.

## **5 Definitions**

The terms defined in the Schedule 1 - Dictionary have the meaning given when used in this instrument.

## **6 Kind of injury, disease or death to which this Statement of Principles relates**

- (1) This Statement of Principles is about immersion pulmonary oedema and death from immersion pulmonary oedema.

### *Meaning of immersion pulmonary oedema*

- (2) For the purposes of this Statement of Principles, immersion pulmonary oedema means:
- (a) a condition in which acute pulmonary oedema develops while swimming or diving; and
  - (b) excludes acute pulmonary oedema attributed to pulmonary decompression sickness, acute myocardial infarction or an acute exacerbation of chronic heart failure.

Note: Immersion pulmonary oedema typically presents with breathlessness, cough, haemoptysis, pink frothy sputum and hypoxaemia.

### *Death from immersion pulmonary oedema*

- (3) For the purposes of this Statement of Principles, immersion pulmonary oedema, in relation to a person, includes death from a terminal event or condition that was contributed to by the person's immersion pulmonary oedema.

Note: *terminal event* is defined in the Schedule 1 – Dictionary.

## **7 Basis for determining the factors**

The Repatriation Medical Authority is of the view that there is sound medical-scientific evidence that indicates that immersion pulmonary oedema and death from immersion pulmonary oedema can be related to relevant service rendered by veterans, members of Peacekeeping Forces, or members of the Forces under the VEA, or members under the MRCA.

Note: *relevant service* is defined in the Schedule 1 – Dictionary.

## **8 Factors that must exist**

At least one of the following factors must as a minimum exist before it can be said that a reasonable hypothesis has been raised connecting immersion pulmonary oedema or death from immersion pulmonary oedema with the circumstances of a person's relevant service:

- (1) undertaking swimming or underwater diving at the time of the clinical onset of immersion pulmonary oedema;
- (2) inability to obtain appropriate clinical management for immersion pulmonary oedema.

## **9 Relationship to service**

- (1) The existence in a person of any factor referred to in section 8, must be related to the relevant service rendered by the person.
- (2) The factor set out in subsection 8(2) applies only to material contribution to, or aggravation of, immersion pulmonary oedema where the person's immersion pulmonary oedema was suffered or contracted before or during (but did not arise out of) the person's relevant service.

## **10 Factors referring to an injury or disease covered by another Statement of Principles**

In this Statement of Principles:

- (1) if a factor referred to in section 8 applies in relation to a person; and
- (2) that factor refers to an injury or disease in respect of which a Statement of Principles has been determined under subsection 196B(2) of the VEA;

then the factors in that Statement of Principles apply in accordance with the terms of that Statement of Principles as in force from time to time.

# Schedule 1 - Dictionary

Note: See Section 5

## 1 Definitions

In this instrument:

*immersion pulmonary oedema*—see subsection 6(2).

*MRCA* means the *Military Rehabilitation and Compensation Act 2004*.

*relevant service* means:

- (a) operational service under the VEA;
- (b) peacekeeping service under the VEA;
- (c) hazardous service under the VEA;
- (d) British nuclear test defence service under the VEA;
- (e) warlike service under the MRCA; or
- (f) non-warlike service under the MRCA.

Note: *MRCA* and *VEA* are also defined in the Schedule 1 - Dictionary.

*terminal event* means the proximate or ultimate cause of death and includes the following:

- (a) pneumonia;
- (b) respiratory failure;
- (c) cardiac arrest;
- (d) circulatory failure; or
- (e) cessation of brain function.

*VEA* means the *Veterans' Entitlements Act 1986*.