### **Administrative report**

### National Guidance for doctors assessing workers exposed to respirable crystalline silica dust (with specific reference to the occupational respiratory diseases associated with engineered stone)

This *Administrative report: National Guidance for doctors assessing workers exposed to respirable crystalline silica dust with specific reference to the occupational respiratory diseases associated with engineered stone* (National Guidance) provides further information about the process of developing the National Guidance and associated documents.

The National Guidance is intended to be a general guide to support appropriate practice, subject to the medical practitioner’s judgements and the patient’s preferences in each individual case. It is not intended as a substitute for medical or legal advice. This document is based on expert opinion guided by the best evidence available at the time of its development and in consultation with key stakeholders. The Working Group acknowledges debate in the literature is evolving and that there remain limitations in the evidence available to inform the development of this document.

### **Background**

In July 2019, the Australian Government established the National Dust Disease Taskforce (the Taskforce) in response to concerns about the increase in the incidence of silicosis linked to growth in the popularity of engineered stone. The Taskforce was established to inform a national approach to the prevention, early identification, control and management of occupational dust diseases in Australia, with a specific focus on the re-emergence of silicosis amongst workers in the engineered stone industry.(1)

In its Interim Advice to the Minister for Health, the Taskforce recommended the development of national guidelines on an active case finding approach to identify people at risk from respirable crystalline silica (RCS) dust exposure in the workplace (Recommendation 4).(1) On 23 January 2020, the Minister for Health, the Hon Greg Hunt MP announced the Australian Government would accept all five recommendations from the Interim Advice.

In addition, the Royal Australasian College of Physicians (RACP), the Thoracic Society of Australia and New Zealand (TSANZ), the Australasian Faculty of Occupational and Environmental Medicine (AFOEM), and the Royal Australian and New Zealand College of Radiologists (RANZCR) each called for the development of National Guidance for health assessment and surveillance of at-risk populations for silicosis.

### **National Guidance Working Group**

The Taskforce established the National Guidance Working Group (the Working Group) in December 2020 to support the development and subsequent dissemination of the National Guidance.

The objectives of the Working Group were to provide expert input into the content of the National Guidance through liaison with respective networks and with consideration of available research and evidence, and current legislative and regulatory frameworks and guidance.

The Working Group was chaired by independent clinical expert, and Senior Consulting Physician, Occupational and Environmental Medicine, Dr Graeme Edwards who was also a member of the Taskforce.

The Working Group members were selected based on their areas of relevant expertise across respiratory and sleep medicine, thoracic medicine, radiology, environmental and occupational medicine, work health and safety, and occupational hygiene policy. The membership of the Working Group is listed at **Attachment A**.

Members of the Working Group and guests were required to declare any conflicts of interest as they arose, and if deemed appropriate, the person(s) were to be excused from the discussion. There were no declared conflicts of interest.

As part of their participation in the Working Group, members were required to sign a confidentiality and non-disclosure agreement with the Department.

The Working Group met six times between October 2020 and November 2021.

### **Stakeholder contributions**

The development of the National Guidance was informed by several stakeholder consultations including a Research Workshop held 2 November 2020 and the National Consistent Guidelines Workshop held 19 March 2021.

Contributors to the National Guidance included the Australian Institute of Occupational Hygienists (AIOH), the Thoracic Society of Australia and New Zealand (TSANZ), The Royal Australian College of Physicians (RACP), Royal Australian and New Zealand College of Radiologists (RANZCR), Safe Work Australia, occupational hygienists, respiratory physicians, radiologists, non-clinicians, and representatives from Health and Work Health and Safety agencies in each jurisdiction.

Endorsing bodies include TSANZ, RACP, RANZCR, AIOH, the Australian College of Rural and Remote Medicine (ACRRM), and the Lung Foundation of Australia (LFA). The National Guidance is currently being considered by the Royal Australian College of General Practitioners (RACGP) for approval as a clinical resource.

The National Guidance was finalised by the Working Group in January 2022. The final National Guidance and associated documents were approved by the Minister for Health and Aged Care, The Hon Greg Hunt on 8 February 2022.

### **References**

1. The Department of Health. National Dust Disease Taskforce 2021 [cited 3 March 2021]. Available from: <https://www1.health.gov.au/internet/main/publishing.nsf/Content/ohp-nat-dust-disease-taskforce.htm?Open=&utm_source=health.gov.au&utm_medium=redirect&utm_campaign=digital_transformation&utm_content=dust>.

Attachment A:

National Guidance Working Group Members

| Member name | Organisational affiliations | Position | Role in the Working group |
| --- | --- | --- | --- |
| Professor Fraser Brims | Sir Charles Gairdner Hospital, WA  Curtin University Medical School  Institute for Respiratory Health  Western Australian Mesothelioma Registry  National Dust Disease Taskforce | Consultant Respiratory Physician  Director of Early Years Clinical Skills  Deputy Director  Chair | Independent clinical expert |
| Professor Dan Chambers | Prince Charles Hospital, QLD  St Vincent's Private Hospital, QLD  International Lung and Heart-lung Transplant Registry | Thoracic & Transplant Physician    Associate Director | Independent clinical expert |
| Dr David Deller | Gold Coast Respiratory and Sleep Clinic, QLD | Respiratory and Sleep Physician | Independent clinical expert |
| Dr Graeme Edwards (Chair) | The Work Doctor, QLD  NDDT | Consultant Physician | Independent clinical expert |
| Dr Ryan Hoy | Cabrini Malvern Medical Centre, VIC  National Dust Disease Taskforce | Respiratory and Sleep Physician | Independent clinical expert |
| Dr Catherine Jones | I-Med Radiology Network | Specialist Chest Radiologist, Cardiac and Thoracic Imaging | Independent clinical expert |
| Dr Rosemarie Knight | The Work Doctor, QLD | Consultant Occupational and Environmental Physician | Independent clinical expert |
| Associate Professor Deborah Yates | St Vincent’s Hospital, NSW  University of NSW | Consultant Respiratory Physician | Independent clinical expert |
| Dr Catherine Kelaher | Office of Health Protection, Australian Government Department of Health | Principal Medical Advisor | Representative of the Medical Scientific and Advisory Unit, of the Office of Heath Protection and Response, Department of Health. |
| Ms Jackii Shepherd (left after meeting 3) | Safe Work Australia | Director, Workplace Exposure Standards Review | National work health and safety policy perspective |
| Ms Katherine Stone | icare NSW- Dust Diseases Care | Head of Specialist Care Delivery | State-based policy perspective |
| Ms Nicola Wojcik | WorkSafe VIC | Manager, Strategic Health Programs, Innovation & Insights | State-based policy perspective |